

Liste de publications

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[1993] [1992] [1991] [1990] [1989] [1988]

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926. **Fast and Selective β -C-H Borylation of N-Heterocycles with a Supramolecular Iridium Catalyst: Circumventing Deactivation**
Trouvé Jonathan, Rajeshwaran Purushothaman, Tomasini Michele, Perennes Antoine, Roisnel Thierry, Poater Albert, Gramage-Doria Rafael
ACS Catalysis (2023), 13(12), 7715-7729
DOI: 10.1021/acscatal.3c01742
925. **Crystal Structure of New 1-Phenyl-Substituted Tribenzsilatranes**
Vitalijs Romanovs, Sergey Belyakov, Evgeniya Doronina, Valery Sidorkin, Thierry Roisnel and Viatcheslav Jouikov
Crystals 2023, 13(5), 772
DOI: 10.3390/cryst13050772
924. **Synthesis, characterization and identification of inhibitory activity on the main protease of COVID-19 by molecular docking strategy of (4-oxo-piperidinium ethylene acetal) trioxonitrate.**
Noureddine Issaoui, Sofian Gatfaoui, Aleksandr S. Kazachenko, Omar M. Al-Dossary, Thierry Roisnel, Houda Maraouani
Journal of King Saud University - Science, 35 (2023) 102758
DOI: 10.1016/j.jksus.2023.102758
923. **Role of NCIs in novel supramolecular compound, bis(4-phenylpiperazin-1-ium) oxalate dihydrate: Synthesis, molecular structure, thermal characterization, spectroscopic properties and quantum chemical study**
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922. **Non-covalent interactions in neutral and oxidized tetrathiafulvalenes**
Kharraz Haia, Hachem Hadi, Le Gal Yann, Roisnel Thierry, Jeannin Olivier, Barriere Frédéric, Guizouarn Thierry, Lorcy Dominique
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DOI: 10.1039/d3ce00257h
921. **Synthesis and characterization of a new cyanato-*N* cadmium(II) Meso-arylporphyrin complex by X-ray diffraction analysis, IR, UV/vis, ¹H MNR spectroscopies and TDDFT calculations, optical and electrical properties**
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920. **Highly Robust and Efficient Blechert-type Cy-clic(alkyl)(amino)carbene Ruthenium Complexes for Olefin Metathesis**
Antonio Del Vecchio, Jakub Talcik, Sophie Colombel-Rouen, Jan Lorkowski, Melinda R. Serrato, Thierry Roisnel, Nicolas Vanthuyne, Guy Bertrand, Rodolphe Jazzar and Marc Mauduit
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DOI: 10.1021/acscatal.3c01208
919. **Syntheses, Structures, and Electronic Properties of Mono- and Bimetallic Thiolato Complexes Containing Unusual Coordination Modes of Thiolato Ligands**
Subhash Bairagi, Alaka Nanda Pradhan, Marie Cordier, Thierry Roisnel, Sundargopal Ghosh
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DOI: 10.1002/ejic.202300060
918. **Experimental and theoretical study of novel germanium tungstates compounds $Ge_xW_{1-x}O_3$ ($x \sim 1/4, 1/2$) and $Ge_{1-x}WO_4$ ($x \sim 0.2$)**
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Materials Research Bulletin 164 (2023) 112251
DOI: 10.1016/j.materresbull.2023.112251
915. **Spectroscopy, molecular structure, and electropolymerization of Ni (II) and Cu (II) complexes containing a thiophene-appending fluorinated Schiff base ligand**
Guillermo Ahumada, Paul Hamon, Thierry Roisnel, Vincent Dorcet, Mauricio Fuentealba, Loreto A. Hernández, David Carrillo, Jean-René Hamon and Carolina Manzur
Dalton Trans., 2023, 52, 4224-4236
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914. **Synthesis, characterization and chemistry of tetrakis(propargylisocyanide) copper(I) complex**
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Molbank 2023, 2023, M1599
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913. **Effect of Changing Anion on the Crystalline Structure, Crystal Structure, Hirschfield Surface, IR and NMR Spectroscopy of Organic Salts and Hybrid Compounds: $C_6H_4(NH_3)_2Cl_2$ (I), $\beta - [C_6H_{10}N_2]_2ZnCl_4$ (II), Respectively**
Nejeh Hannechi, Rim Elwej, Thierry Roisnel, Faouzi Hlel
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10.4236/ojic.2023.131001
912. **Synthesis, empirical and theoretical investigations on newly histaminium bis(trioxonitrate) compound**
Mahdi Jmai, Sofian Gatfaoui, Nouredine Issaoui, Thierry Roisnel, Aleksandr S. Kazachenko, Omar M. Al-Dossary, Houda Marouani, Anna S. Kazachenko
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910. **Ytterbium(III) complex with photochromic ruthenium(II) acetylide ligand : all visible light photoswitching of NIR luminescence**
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Inorganic Chemistry (2023), 62(5), 2049-2057
DOI: 10.1021/acs.inorgchem.2c03628
909. **Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Z-Stereoselective (Asymmetric) Olefin Metathesis**
Jennifer Morvan, François Vermersch, Jan Lorkowski, Jakub Talcik, Thomas Vives, Thierry Roisnel, Christophe Crévisy, Nicolas Vanthuyne, Guy Bertrand, Rodolphe Jazzar, and Marc Mauduit
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Org. Chem. Front., 2023, 10, 42-53
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907. **From benzofuro-, benzothieno- and 10-methylindolo- [2,3-b]-fused benzothiopyrano[4,3,2-de]quinolines to the corresponding benzothiopyrano[4,3,2-de]1,8-naphthyridines: Synthesis and properties of these hexacyclic heteroaromatic compounds**
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906. **DFT and Molecular Docking Study of the Effect of a Green Solvent (water and DMSO) on the Structure, MEP, and FMOs of the 1-Ethylpiperazine-1,4-dium bis(hydrogenoxalate) Compound**
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Journal of Molecular Liquids (2023), 369, 120851
DOI: 10.1016/j.molliq.2022.120851
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904. **Supramolecular association of (1,4-phenylenedimethanaminium) bis(perchlorate) monohydrate: A Combined Experimental and Theoretical Study**
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903. **X-ray diffraction, IR spectrum, optical properties, AIM, NBO, RDG, HS, Fukui function, biological and molecular docking analysis of a novel hybrid compound (C₉H₁₅N₃)[CuCl₄(H₂O)]**
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902. **The effect of the partial substitution of chlorine by bromine in the 0D hybrid material (C₄H₁₂N₂)[CuCl₄] · 2H₂O: Structural, Vibrational, Thermal and *In Silico* biological characterizations**
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901. **Experimental and theoretical study of a new pnictidehalide compound Hg₁₂Sb₆(Br_{5.186}I_{6.814})**
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Comptes Rendus. Chimie, Tome 25 (2022), pp. 189-203
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900. **The chemistry of κ^2 -N,S-chelated Ru(II) complexes with 1,4-diethynylbenzene**
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899. **Exploring the boundaries of ferrocenesulfonyl fluoride chemistry**
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*Chem.Eur. J.*2022,28, e202201078(1 of 5)
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894. **Straightforward Access to Multifunctional π -Conjugated P-Heterocycles Featuring an Internal Ylidic Bond**
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*Angew. Chem.Int. Ed.*2022,61, e202205548(1 of 9)
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893. **Chromone-Appended Zn(II) tRNA-Targeted Potential Anticancer Chemotherapeutic Agent: Structural Details, *in vitro* ct-DNA/tRNA Binding, Cytotoxicity Studies And Antioxidant Activity**
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880. **A novel 1-D square-pyramidal coordinated palladium (II) hybrid compounds $[C_9H_{16}N_2]PdX_4$ (X=Cl, Br) showing broadband emission, electrical properties and narrow optical band gap**
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876. **Study on the Synthesis, Physicochemical, Electrochemical Properties, Molecular Structure and Antifungal Activities of the 4-Pyrrolidinopyridine Mg(II) Meso-tetratolylPorphyrin Complex**
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874. **Assembly of two new hybrid chloride materials with potential NLO properties: Structure elucidation, empirical and computational studies**
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872. **Synthesis of Polysubstituted Ferrocenesulfoxides**
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870. **Enantiopure ferrocene-1,2-disulfoxides: synthesis and reactivity**
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867. **The $C_6H_4(NH_3)_2(NO_3)_2$ assembly investigations : Crystal structure, Optical properties and impedance spectroscopy, electrical relaxation with AC conductivity studies.**
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866. **Microwave-assisted 1,3-Dioxa-[3,3]-Sigmatropic Rearrangement of Substituted Allylic Carbamates: Application to the Synthesis of Novel 1,3-Oxazine-2,4-Dione Derivatives**
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865. **Si-containing Polycyclic Aromatic Hydrocarbons: Synthesis and Opto-electronic Properties**
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864. **Crystal structure and semiconductor properties of copper(II) complex incorporating chiral (R)-(+)-alpha-Ethylbenzylammonium cations: $[(R) - C_9H_{14}N](3)[CuBr_4] \cdot Br$**
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DOI: 10.1016/j.molstruc.2021.131311
862. **Deciphering non-covalent interactions of 1,3-Benzenedimethanaminium bis(trioxonitrate): Synthesis, empirical and computational study**
Sofian Gatfaoui, Silvia Antonia Brandán, Mouna Medimagh, Omar Al-Dossary, Thierry Roisnel, Houda Marouani, Aleksandr S. Kazachenko
Journal of Molecular Structure 1250 (2022) 131720
DOI: 10.1016/j.molstruc.2021.131720
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861. **Synthesis and characterization of group 6-9 metal-rich homo- and hetero-metallaboranes**
Bag Ranjit, Gomosta Suman, Pradhan Alaka Nanda, Roisnel Thierry, Gosh Sundargopal
Journal of the Indian Chemical Society (2021), 98(3), 100040
DOI: 10.1016/j.jics.2021.100040

860. **Synthesis, X-ray crystal structure, Hirshfeld surface analysis, DFT, AIM, ELF, RDG and molecular docking studies of bis[4-(dimethylamino)pyridinium]di- μ -chlorido-bis[dichloridomercurate(II)]**
Harzallah Mouna, Medimagh Mouna, Issaoui Nouredine, Roisnel Thierry, Brahim Ayed
Journal of Coordination Chemistry 74, 2021, 17-20
DOI: 10.1080/00958972.2021.2006649
859. **1,3-Diethynyl-5-(X)-benzene-Bridged $[Cp^*(dppp)Fe]^{n+}$ Units: Effect of Substituents on the Metal-Metal Interactions**
Joseph Lepont, Thierry Roisnel, Jean-René Hamon, Claude Lapinte
Eur. J. Inorg. Chem. 2021 (48), pp.5060-5068
DOI: 10.1002/ejic.202100789
858. **Enantioselective deprotometalation of alkyl ferrocenecarboxylates using bimetallic bases**
Gandrath Dayaker, William Erb, Madani Hedidi, Floris Chevallier, Marielle Blot, Philippe C. Gros, Göran Hilmersson, Thierry Roisnel, Vincent Dorcet, Ghenia Bentabed-Ababsa and Florence Mongin
New Journal of Chemistry, 2021, 45, 22579-22590
DOI: 10.1039/D1NJ04526A
857. **Passerini and Ugi reactions involving kinetically unstable isocyanides**
Quelhas Alexandre, Gazzeh Houda, Roisnel Thierry, Trolez Yann, Guillemin Jean-Claude
Eur. J. Org. Chem. 2021, 6002-6005
DOI: 10.1002/ejoc.202100787
856. **The chemistry of ferrocenesulfonyl fluoride revealed**
W. Erb, Thierry Roisnel
Dalton Trans., 2021, 50, 16483-16487
DOI: 10.1039/D1DT03492H
855. **Two-Photon Absorption Properties of Multipolar Triarylamino/Tosylamido 1,1,4,4-Tetracyanobutadienes**
Nicolas Ripoche, Marie Betou, Clotilde Philippe, Yann Trolez, Olivier Mongin, Marta Dudek, Ziemowit Pokladek, Katarzyna Matczyszyn, Marek Samoc, Hiba Sahnoune, Jean-François Halet, Thierry Roisnel, Loïc Toupet, Marie Cordier, Graeme J. Moxey, Mark G. Humphrey, and Frédéric Paul
Phys. Chem. Chem. Phys., 2021,23, 22283-22297
DOI: 10.1039/d1cp03346h
854. **Metal Coordinated Tri- and Tetraborane Analogues**
Sourav Kar, Subhash Bairagi, Ketaki Kar, Thierry Roisnel, Vincent Dorcet, Sundargopal Ghosh
Eur. J. Inorg. Chem. 2021, 4443-4451
DOI: 10.1002/ejic.202100687
853. **HFIP-promoted substitution in the ferrocene series: smooth approach towards original catalysts**
W. Erb, Victor Carré, Thierry Roisnel
Eur. J. Org. Chem. 2021, 5702-5716
DOI: 10.1002/ejoc.202100824
852. **Structural revision of the Mcl-1 inhibitor MIM1. Synthesis and anticancer evaluation for analogues of the corrected molecule**
Hippolyte Paysant, Siham Hedir, Frédéric Justaud, Louis Bastien Weiswald, Assaad Nasr El Dine, Ali Soulieman, Ali Hachem, Emilie Brotin, Christophe Denoyelle, Marie Jouanne, Olivier

- Tasseau, Thierry Roisnel, Anne Sophie Voisin-Chiret, Nicolas Levoine, Laurent Poulain, René Grée
Org. Biomol. Chem., 2021, 19, 8968
DOI: 10.1039/d1ob01521d
851. **Deprotometalation-Iodolysis and Direct Iodination of 1-Arylated 7-Azaindoles: Reactivity Studies and Molecule Properties**
Mohamed Yacine Ameer Messaoud, Ghenia Bentabed-Ababsa, Ziad Fajloun, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Thierry Roisnel, Vincent Dorcet, William Erb and Florence Mongin
Molecules 2021, 26, 6314
DOI: 10.3390/molecules26206314
850. **Mixed-valence gold bis(diselenolene) complex turning metallic under pressure**
Le Gal Yann, Cui HengBo, Alemany Pere, Canadell Enric, Kato Reizo, Roisnel Thierry, Dorcet Vincent, Fourmigué Marc, Lorcy Dominique
J. Mater. Chem. C, 2021, 9, 12291-12302
DOI: 10.1039/d1tc02751d
849. **Stabilization of dichalcogenide ligands in the coordination sphere of a ruthenium system**
Saha Koushik, Gayen Sourav, Kaur Urminder, Roisnel Thierry, Ghosh Sundargopal
Dalton Trans., 2021,50, 12990-13001
DOI: 10.1039/d1dt01614h
848. **Spectroscopic Characterization, X-ray Molecular structures and cyclic voltammetry study of two (piperazine) cobalt(II) meso-arylporphyrin complexes. Application as Catalyst for the Degradation of 4-Nitrophenol**
Guergueb Mouhieddine, Nasri Soumaya, Brahmi Jihed, Al-Ghamdi Youssef O., Loiseau Frédérique, Molton Florian, Roisnel Thierry, Guérineau Vincent, Nasri Habib
Polyhedron (2021), 209, 115468
10.1016/j.poly.2021.115468
847. **Axial and helical thermally activated delayed fluorescence bicarbazole emitters: Opposite modulation of circularly polarized luminescence through intramolecular charge-transfer dynamics**
Patthira Sumsalee, Laura Abella, Thierry Roisnel, Sabrina Lebrequier, Grégory Pieters, Jochen Autschbach, Jeanne Crassous and Ludovic Favereau
J. Mater. Chem. C, 2021,9, 11905-11914
DOI: 10.1039/d1tc03019a
846. **Synthesis, characterization, and computational survey of a novel material template oxylylenediamine**
Houda Marouani, Meriam Tahenti, Noureddine Issaoui, Thierry Roisnel
Journal of the Iranian Chemical Society, sept. 2021
DOI: 10.1007/s13738-021-02392-9
845. **Stereoselective Formation of Bismuth Complexes by Transmetalation of Lead with Adaptable Overhanging Carboxylic Acid 5,10-Strapped Porphyrins**
Barakat Wael, Hijazi Ismail, Roisnel Thierry, Dorcet Vincent, Le Gac Stéphane, Boitrel Bernard
Comptes Rendus Chimie, 24(2021), 1-14
DOI: 10.5802/crchim.94
844. **Nickel(II)-based building blocks with Schiff base derivatives: Experimental Insights and DFT Calculations**

- Néstor Novoa, Carolina Manzur, Thierry Roisnel, Samia Kahlal, Jean-Yves Saillard, David Carrillo, Jean-René Hamon
Molecules 2021, 26(17), 5316
DOI: 10.3390/molecules26175316
843. **Stereospecific synthesis of chiral P-containing polyaromatics based on 7-membered P-rings**
Réka Mokrai, Anabella Mocanu, Matthew P. Duffy, Thomas Vives, Elsa Caytan, Vincent Dorcet, Thierry Roisnel, László Nyulászi, Zoltán Benkő, Pierre-Antoine Bouit, Muriel Hissler
Chemical Communications (Cambridge, United Kingdom) (2021), 57(59), 7256-7259
DOI: 10.1039/d1cc02293h
842. **Taking advantage of ortho- and peri-substitution to design nine-membered P,O,Si-heterocycles**
Thomas Delouche, Elsa Caytan, Cassandre Quinton, Thierry Roisnel, Marie Cordier, Vincent Dorcet, Muriel Hissler, and Pierre-Antoine Bouit
Chemistry - A European Journal (2021), 27(44), 11391-11397
DOI: 10.1002/chem.202101184
841. **Structural and Electronic Analysis of Bimetallic Thiolate Complexes of Group-5 Transition Metal Ions**
Kaur Urminder, Saha Koushik, Bairagi Subhash, Das Abhishek, Roisnel Thierry, Paine Tapan, Ghosh Sundargopal
Journal of Organometallic Chemistry (2021), 949, 121943
DOI: 10.1016/j.jorganchem.2021.121943
840. **Bonding in Barium Boryloxides, Siloxides, Phenoxides and Silazides. A comparison with the lighter alkaline earths**
Erwann Le Coz, Joanna Hammoud, Thierry Roisnel, Marie Dallon, Vincent Dorcet, Samia Kahlal, Jean-François Carpentier, Jean-Yves Saillard, Yann Sarazin
Chemistry - A European Journal (2021), 27(46), 11966-11982
DOI: 10.1002/chem.202101687
839. **Palladium-Catalyzed C-H Bond Arylation of Cyclometalated Difluorinated 2-Arylisoquinoliny Iridium(III) Complexes**
Peng Marie, Lin Jinqiang, Lu Wei, Roisnel Thierry, Guerchais, Véronique, Doucet Henri, Soulé Jean-François
Chem. Eur. J. 2021, 27, 12552-12557
DOI: 10.1002/chem.202102006
838. **Directed Synthesis of CS_2 and C_3 -Bridged Decaborane-14 Analogues**
Nandi Chandan, Kar Ketaki, Gayen Sourav, Roisnel Thierry, Ghosh Sundargopal
Inorganic Chemistry (2021), 60(16), 12367-12376
DOI: 10.1021/acs.inorgchem.1c01585
837. **O-Isopropylferrocenesulfonate: Synthesis of Polysubstituted Derivatives and Electrochemical Study**
Erb William, Wen Min, Pierre Hurvois Jean, Mongin Florence, Halauko Yury S., Ivashkevich Oleg A., Matulis Vadim E., Roisnel Thierry
Eur. J. Inorg. Chem. 2021, 3165-3176
DOI: 10.1002/ejic.202100448
836. **Nickel(II)-based building blocks with Schiff base derivatives: Experimental insights and DFT calculations**

- Jean-René Hamon, Néstor Alonso Novoa Serrano, Cecilia Carolina Manzur Nazal, Thierry Roisnel, Samia Kahlal, Jean-Yves Saillard, David Carrillo
Molecules 2021, 26, 5316
DOI: 10.3390/molecules26175316
835. **Aza-aromatic polycycles based on triphenylene and acridine or acridone: synthesis and properties**
Salima Bouarfa, Philippe Jehan, William Erb, Olivier Mongin, François-Hugues Porée, Thierry Roisnel, Ghena Bentabed-Ababsa, Nicolas Le Yondre and Florence Mongin
New J. Chem., 2021, 45, 14414-14424
DOI: 10.1039/d1nj02630e
834. **Propylene Polymerization and Deactivation Processes with Iselective Cp/Flu Zirconocene Catalysts**
Xavier Desert, Thierry Roisnel, Vincent Dorcet, Katty Den Dauw, Aurélien Vantomme, Alexandre Welle, Jean-Francois Carpentier, Evgueni Kirillov
Catalysts 2021, 11(8), 959
DOI: 10.3390/catal11080959
833. **Synthesis of ferrocenesulfonyl chloride, key intermediate toward ferrocenesulfonamides**
William Erb, Min Wen, Thierry Roisnel and Florence Mongin
Synthesis (2021), 53(15), 2612-2620
DOI: 10.1055/a-1478-7002
832. **Regiocontrolled palladium-catalyzed direct C2-arylation of a difluorobenzo[d]imidazole**
Li Haoran, Huang Hai-Yun, Roisnel Thierry, Doucet Henri
Tetrahedron Letters (2021), 73, 153112
DOI: 10.1016/j.tetlet.2021.153112
831. **Continuous Flow Z-stereoselective Olefin Metathesis: Development and Applications in the Synthesis of Pheromones and Macrocyclic Odorant Molecules**
Jennifer Morvan, Tom McBride, Idriss Curbet, Sophie Colombel-Rouen, Thierry Roisnel, Christophe Crévisy, Duncan L. Browne and Marc Mauduit
Angewandte Chemie, International Edition (2021), 60(36), 19685-19690
DOI: 10.1002/anie.202106410
830. **Bis(imino)carbazolate lead(II) fluoride and related halides**
Chapple Peter M., Hamdoun Ghanem, Roisnel Thierry, Carpentier Jean-François, Oulyadi Hassan, Sarazin, Yann
Dalton Transactions (2021), 50(26), 9021-9025
DOI: 10.1039/d1dt01615f
829. **Asymmetric intermolecular cyclopropanation of alkenes and N-H insertion of aminoesters by diazoacetylferrocene catalyzed by ruthenium and iron porphyrins**
Daniel Carrié, Thierry Roisnel, Gérard Simonneaux
Polyhedron (2021), 205, 115294
DOI: 10.1016/j.poly.2021.115294
828. **Palladium-Catalyzed Direct Diarylation of 2-Benzyl-1,2,3-triazole: a Simple Access to 4-Aryl- or 4,5-Diaryl-2-benzyl-1,2,3-triazoles and Phenanthro[9,10-d][1,2,3]triazoles**
Xinzhe Shi, Jian Zhang, Thierry Roisnel, Jean-François Soulé, Henri Doucet
European Journal of Organic Chemistry (2021), 2021(17), 2375-2382
DOI: 10.1002/ejoc.202100324

827. **Crystal structure, Hirshfeld surface and reactivity of novel ligand-LAT1 derived from dehydroacetic acid: intermolecular interactions with SARS-Cov-2/main protease**
Denni Imene, Ait Ramdane-Terbouche Chafia, Terbouche Achour, Abdeldjebar Hasnia, Lakhdari Houria, Ait-Ramdane Khaled, Bachari Khaldoun, Roisnel Thierry, Hauchard Didier, Ghemmit-Doulache Naima
Molecular Crystals and Liquid Crystals (2021), 715(1), 81-103
DOI: 10.1080/15421406.2020.1856620
826. **Ultrashort $H^{\delta+}$... $H^{\delta-}$ intermolecular distance in a supramolecular system**
Garcia-Marquez Alfonso, Frontera Antonio, Roisnel Thierry, Gramage-Doria, Rafael
Chemical Communications, 2021, 57, 7112 - 7115
DOI: 10.1039/D1CC02143E
825. **Insight into non-covalent interactions in a tetrachlorocadmate salt with promising NLO properties: Experimental and computational analysis**
Ikram Jomaa, Noureddine Issaoui, Thierry Roisnel, Houda Marouani
Journal Of Molecular Structure 1242 (2021) 130730
DOI: 10.1016/j.molstruc.2021.130730
824. **Crystal structure, optical properties, vibrational, thermal and biological study of a new polymeric Cd(II) hybrid material**
Zeineb Ouerghi, Imen Dridi, Thierry Roisnel and Riadh Kefi
Journal of Molecular Structure 1242 (2021) 130721
DOI: 10.1016/j.molstruc.2021.130721
823. **Circularly polarized fluorescent helicene-boranils: synthesis, photophysical and chiroptical properties**
Jeanne Crassous, Aurélie Macé, Khaoula Hamrouni, Etienne S. Gauthier, Marion Jean, Nicolas Vanthuyne, Lucas Frédéric, Grégory Pieters, Elsa Caytan, Thierry Roisnel, Faouzi Aloui, Monika Srebro-Hooper, Bertrand Carboni, Fabienne Berrée
Chem. Eur. J. 2021, 27, 7959-7967
DOI: 10.1002/chem.202100356
822. **Enzyme-Like Supramolecular Iridium Catalysis Enabling C-H Bond Borylation of Pyridines with meta-Selectivity**
Rafael Gramage-Doria, Jonathan Trouvé, Paolo Zardi, Shaymaa Al-Shehimi, Thierry Roisnel
Angew. Chem. Int. Ed. 2021, 60, 2-10
DOI: 10.1002/anie.202101997
821. **Diselenolene proligands: reactivity and comparison with their dithiolene congeners**
Yann Le Gal, Thierry Roisnel, Frédéric Barrière, Takehiko Mori and Dominique Lorcy
New Journal of Chemistry (2021), 45(20), 8971-8977
DOI: 10.1039/d1nj01335a
820. **Topologically diverse Polycyclic Aromatic Hydrocarbons from Pericyclic Reactions with Polyaromatic Phospholes**
Reka Mokrai, Rózsa Szücs, Matthew P. Duffy, Vincent Dorcet, Thierry Roisnel, Benko Zoltan, Nyulaszi Laszlo, Pierre-Antoine Bouit, Muriel Hissler
New Journal of Chemistry 2021, 45, 8118
DOI: 10.1039/d1nj01194d
819. **Thiazolo[5,4-f]quinoxalines, oxazolo[5,4-f]quinoxalines and pyrazino[b,e]isatins: synthesis from 6-aminoquinoxalines and properties**
Frédéric Lassagne, Joshua M. Sims, William Erb, Olivier Mongin, Nicolas Richy, Nour El Osmani, Ziad Fajloun, Laurent Picot, Valérie Thiéry, Thomas Robert, Stéphane Bach, Vincent

Dorcet, Thierry Roisnel and Florence Mongin
Eur. J. Org. Chem. 2021, 2756-2763
DOI: 10.1002/ejoc.202100362

818. **A new lead-free 1D hybrid copper perovskite with structural, thermal, vibrational, optic and magnetic characterizations**
Bourwina Mansoura, Msalmi Rawia, Walha Sondra, Turnbull Mark, Roisnel Thierry, Costantino Ferdinando, Mosconi Edoardo, Naïli Houcine
J. Mater. Chem. C, 2021, 9, 5970
DOI: 10.1039/D0TC05948J
817. **Achieving High Circularly Polarized Luminescence with Push-Pull Helicenic Systems: From Rationalized Design to Top-Emission CP-OLED Applications**
Kais Dhbaibi, Laura Abella, Sylvia Meunier-Della-Gatta, Thierry Roisnel, Nicolas Vanthuyne, Bassem Jamoussi, Grégory Pieters, Benoît Racine, Étienne Quesnel, Jochen Autschbach, Jeanne Crassous and Ludovic Favereau
Chem. Sci., 2021, 12, 5522-5533
DOI: 10.1039/d0sc06895k
816. **Functionalization of *N,N*-Dialkylferrocenesulfonamides toward Substituted Derivatives**
Wen Min, Erb William, Mongin Florence, Halauko Yuri, Ivashkevich Oleg, Matulis Vadim; Roisnel Thierry, Dorcet Vincent
Organometallics 2021, 40(8), 1129-1147
DOI: 10.1021/acs.organomet.1c00091
815. **Cyclometallated 2-phenylpyrimidine derived platinum complexes : Synthesis and photophysical properties**
Michaela Fecková, Samia Kahlal, Thierry Roisnel, Jean-Yves Saillard, Julien Boixel, Mariia Hruzd, Pascal le Poul, Sébastien Gauthier, Françoise Robin-le Guen, Filip Bureš and Sylvain Achelle
European Journal of Inorganic Chemistry (2021), 2021(16), 1592-1600
DOI: 10.1002/ejic.202100155
814. **Structure and New Substructure of $\alpha-Ti_2O_3$: X-ray diffraction and Theoretical Study**
Soumia Merazka, Lamia Hammoudi, Mohammed Kars, Mohamed Sidoumou, Thierry Roisnel
Journal of Modern Materials, 8(1), 2021, 3-11
DOI: 10.21467/jmm.8.1.3-11
813. **Structure and New Substructure of $\alpha-Ti_2O_3$: X-ray diffraction and Theoretical Study**
Soumia Merazka, Lamia Hammoudi, Mohammed Kars, Mohamed Sidoumou, Thierry Roisnel
Journal of Modern Materials, 8(1), 2021, 3-11
DOI: 10.21467/jmm.8.1.3-11
812. **New DMAP meso-arylporphyrin Magnesium(II) complex. Spectroscopic, Cyclic voltammetry and X-ray molecular structure characterization. DFT, DOS and MEP calculations and Antioxidant and Antifungal activities**
Habib Nari, Taissir Fradi, Olfa Noureddine, Fadia Ben Taheur, Mouhieddine Guergueb, Soumaya Nasri, Nesrine Amiri, Albandary Almahri, Thierry Roisnel, Vincent Guerineau, Noureddine Issoui
Journal of Molecular Structure 1236 (2021) 130299
DOI: 10.1016/j.molstruc.2021.130299
811. **Mixing Polyaromatic Scaffolds and Main Group Elements: Synthesis, Coordination and Optical Properties of Naphthyl-Fused Heteropines**
Delouche Thomas, Dorcet Vincent, Roisnel Thierry, Hissler Muriel, Bouit Pierre-Antoine

810. **Chemistry of group 5 metallaboranes with heterocyclic thiol ligands: A combined experimental and theoretical study**
Rini Prakash, Anagha Haridas, K. Bakthavachalam, Thierry Roisnel, Jean-François Halet and Sundargopal
Dalton Transactions (2021), 50(11), 4036-4044
DOI: 10.1039/d0dt04362a
809. **Triple-decker sandwich complexes of tungsten with planar and puckered middle decks**
Bag Ranjit, Prakash Rini, Saha Suvam, Roisnel Thierry, Ghosh Sundargopal
Inorganic Chemistry (2021), 60(6), 3524-3528.
DOI: <http://dx.doi.org/10.1021/acs.inorgchem.0c03411>
808. **Iodothiophenes and related compounds as coupling partners in copper-mediated N-arylation of anilines**
Salima Bouarfa, Ghenia Bentabed-Ababsa, William Erb, Laurent Picot, Valérie Thiéry, Thierry Roisnel, Vincent Dorcetand Florence Mongin
Synthesis 2021, 53, 1271-1284
DOI: 10.1055/s-0040-1706542
807. **First application of chiral phosphotriesters in asymmetric metal catalysis: enantioselective Zn-catalyzed hydrosilylation of ketones in the presence of BINOL-derived phosphates**
Alphonsine Ngo Ndimba, Thierry Roisnel, Gilles Argouarch, Claudia Lalli
Comptes Rendus Chimie, 24(1), 2021, 77-81, mars 2021
DOI: 10.5802/crchim.67
806. **$[(CH_3)_3N(CH_2)_2Br]_2[CoBr_4]$ halogenometallate complex: Crystal structure, High-temperature reversible phase transition, electrical and optical properties**
Karim Karoui, Imen Dakhlaoui, Fadhel Hajaloui, Nathalie Audebrand, Thierry Roisnel, Fathi Jomni
Journal of Molecular Structure 1231 (2021), 129684
DOI: 10.1016/j.molstruc.2020.129684
805. **Self-assembly of a novel Cu(II) complex, $(C_6H_9N_2)_2[CuCl_4]$: Experimental, Computational, and Molecular Docking survey**
Sofian Gatfaoui, Nouredine Issaoui, Olfa Nouredine, Thierry Roisnel, Houda Marouani
Journal of the Iranian Chemical Society, 2021, online
DOI: 10.1007/s13738-021-02195-y
804. **Ruthenium-Catalyzed Coupling Reactions of CO_2 with C_2H_4 and Hydrosilanes towards Silyl Esters**
Evgueni Kirillov, Kana Kunihiro, Svetlana Heyte, Sébastien Paul, Thierry Roisnel, Jean-François Carpentier
Chemistry - A European Journal (2021), 27(12), 3997-4003
DOI: 10.1002/chem.202005083
803. **Crystal structure, characterization and chemical reactivity of novel piperazine derivative ligand for electrochemical recognition of nitrite anion**
Ait Ramdane Khaled, Terbouche Achour, Ait Ramdane-Terbouche Chafia, Lakhdari Houria, Bachari Khaldoun, Merazig Hocine, Roisnel Thierry, Hauchard Didier, Mezaoui Djillali
Journal of Chemical Sciences (Berlin, Germany) (2021), 133(1), 18
DOI: 10.1007/s12039-020-01879-x

802. **On the *N*-arylation of acetamide using 2-, 3- and 1'-substituted iodoferrocenes**
Lingaswamy Kadari, William Erb, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Thierry Roisnel, Palakodety Radha Krishnab and Florence Mongin
European Journal of Inorganic Chemistry (2021), 377-391
DOI: 10.1002/ejic.202000904
801. **Empirical and computational studies on newly synthesis cyclohexylammonium perchlorate**
Houda Marouani, Chaima Daghar, Noureddine Issaoui, Thierry Roisnel, Vincent Dorcet
Journal of Molecular Structure (2021), 1230, 129820
DOI: 10.1016/j.molstruc.2020.129820
800. **Photophysics of 9,9 dimethylacridan substituted phenylstyrylpyrimidines exhibiting long lived intramolecular charge transfer fluorescence and aggregation induced emission characteristics**
Michaela Feckova, Ioannis Konstantinos Kalis, Thierry Roisnel, Pascal le Poul, Oldrich Pytela, Milan Klikar, Françoise Robin-le Guen, Filip Bures, Mihalis Fakis, Sylvain Achelle
Chemistry - A European Journal (2021), 27(3), 1145-1159
DOI: 10.1002/chem.202004328
799. **Condensation of Lactones with Primary Diamines**
El Alami Abouelhaoul, El Kihel Abdellatif, Ahbala Mustapha, Sdassi Hamid, Biersack Bernhard, Roisnel Thierry, Bauchat Patrick, El Ammari Lahcen, Saadi Mohamed
Asian Journal of Chemistry, vol. 33(2), 2021, 381-386
DOI: 10.14233/ajchem.2021.23016
798. **Discovery of DB18, a potent inhibitor of CLK kinases with a high selectivity against DYRK1A kinase**
Dabbugoddu Brahmaiah, Angani Kanaka Durga Bhavani, Pasula Aparna, Nangunoori Sampath Kumar, Hélène Solhi, Rémy Le Guevel, Blandine Baratte, Sandrine Ruchaud, Stéphane Bach, Surender Singh Jadav, Chada Raji Reddy, Thierry Roisnel, Paul Mosset, Nicolas Levoine and René Grée
Bioorg. Med. Chem. 31 (2021) 115962
DOI: 10.1016/j.bmc.2020.115962
797. **A zero dimensional hybrid organic- inorganic perovskite $CuCl_4$ based: Synthesis, crystal structure, vibrational, optical properties, DFT and TDFT calculations, dielectric properties and biological activity**
Aroussia Hachani, Imen Dridi, Abdelhak Othmani, Thierry Roisnel, Humbel Stéphane, Kefi Riadh
Journal of Molecular Structure 1229 (2021) 129838
DOI: 10.1016/j.molstruc.2020.129838
796. **Synthesis, experimental and computational study of a non-centrosymmetric material 3-methylbenzylammonium trioxonitrate**
Gatfaoui Sofian, Issaoui Noureddine, Roisnel Thierry, Marouani Houda
Journal of Molecular Structure (2021), 1225, 129132
DOI: 10.1016/j.molstruc.2020.129132
795. **DABCO cadmium(II) tetrakis(4-methoxyphenyl)porphyrin complex - Structure, photo-physical properties, and adsorption removal of methylene blue dye**
Mchiri Chadlia, Ouakouak Abdelkader, Nasri Soumaya, Jedidi Abdesslem, Turowska-Tyrk Ilona, Acherar Samir, Frochot Céline, Roisnel Thierry, Nasri Habib

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794. **Coordination-enhanced photochromism in dysprosium dinuclear complexes with photomodulated single-molecule magnet behavior**
Lucie Norel, Kevin Bernot, Frédéric Gendron, Colin A. Gould, Thierry Roisnel, Stéphanie Delbaere, Boris Le Guennic, Denis Jacquemin and Stéphane Rigaut
Chemistry Squared, 2020, 4, 2
DOI: 10.28954/2020.csq.08.001
793. **Spectroscopic, Electrochemical, Magnetic and Structural Characterization of an Hexamethylenetetramine Co(II) Porphyrin Complex - Application in the Catalytic Degradation of Vat Yellow 1 dye**
Soumaya Nasri, Mekki Hajj, Mouhieddine Guergueb, Selma Dhifaoui, Valérie Marvaud, Hans J von Bardeleben, Frédérique Loiseau, Florian Molton, Thierry Roisnel, Vincent Guerineau, Guerfel Taha
Journal of Molecular Structure 1231(2020), 129676
DOI: 10.1016/j.molstruc.2020.129676
792. **Luminescent molecular switches based on dicationic P-doped Polycyclic Aromatic Hydrocarbons**
Thomas Delouche, Antoine Vacher, Thierry Roisnel, Marie Cordier, Jean-Frédéric Audibert, Boris Le Guennic, Fabien Miomandre, Denis Jacquemin, Muriel Hissler, Pierre-Antoine Bouit
Mater. Adv. 2020, 1, 3369-3377
DOI: 10.1039/D0MA00711K
791. **Synthesis, Structure, and Bonding of Bimetallic Bridging Borylene and Boryl Complexes**
Saha Koushik, Kar Sourav, Kaur Urminster, Roisnel Thierry, Ghosh Sundargopal
Organometallics 2020, 39, 4362-4371
DOI: 10.1021/acs.organomet.0c00532
790. **Regorafenib analogues and their ferrocenic counterparts: synthesis and biological evaluation**
Wilde Myron, Arzur Danielle, Baratte Blandine, Lefebvre Dorian, Robert Thomas, Roisnel Thierry, Le Jossic-Corcoc Catherine, Bach Stéphane, Corcos Laurent, Erb William
New Journal of Chemistry (2020), 44(45), 19723-19733
DOI: 10.1039/d0nj05334a
789. **Chalcogen Stabilized bis-Hydridoborate Complexes of Cobalt: Analogues of Tetracyclo[4.3.0.0.2,4.0.3,5]nonane**
Joseph Benson, Gomosta Suman, Prakash Rini, Roisnel Thierry, Phukan Ashwini K., Ghosh Sundargopal
Chemistry - A European Journal (2020), 26(70), 16824-16832
DOI: 10.1002/chem.202003152
788. **Transition metal(II) complexes featuring push-pull dianionic Schiff base ligands: Synthesis, crystal structure, electrochemical and NLO studies**

- Jean-René Hamon, Salvador Celedón, Thierry Roisnel, David Carrillo, Isabelle Ledoux-Rak, Carolina Manzur
Journal of Coordination Chemistry 2020, 73, 3079-3094
DOI: 10.1080/00958972.2020.1827237
787. **Rare-Earth Metal Complexes Supported by Polydentate Phenoxy-Type Ligand Platforms: CH Activation Reactivity and CO₂/Epoxide Copolymerization Catalysis**
Qu Liye, Cordier Marie, Roisnel Thierry, Yuan Dan, Yao Yingming, Zhao Bei, Kirillov Evgueni
Inorganic Chemistry (2020), 59(23), 16976-16987
DOI: 10.1021/acs.inorgchem.0c02112
786. **Optically Pure C1-Symmetric Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Asymmetric Olefin Metathesis**
Morvan Jennifer, Vermersch François, Zhang Ziyun, Falivene Laura, Vives Thomas, Dorcet Vincent, Roisnel Thierry, Crévisy Christophe, Cavallo Luigi, Vanthuyne Nicolas, Bertrand Guy, Jazzar Rodolphe, Mauduit Marc
Journal of the American Chemical Society (2020), 142(47), 19895-19901
DOI: 10.1021/jacs.0c10705
785. **Axially and Helically Chiral Cationic Radical Bicarbazoles: SOMO-HOMO Level Inversion and Chirality Impact on the Stability of Mono- and Diradical Cations**
Kasemthaveechok Sitthichok, Abella Laura, Jean Marion, Cordier Marie, Roisnel Thierry, Vanthuyne Nicolas, Guizouarn Thierry, Cadot Olivier, Autschbach Jochen, Crassous Jeanne, Favereau Ludovic
Journal of the American Chemical Society (2020), 142(48), 20409-20418
DOI: 10.1021/jacs.0c08948
784. **1,3,5-Triaryl-1,3,5-Triazinane-2,4,6-Trithiones: Synthesis, Electronic Structure and Linear Optical Properties**
Ismaël Rabouel, Nicolas Richy, Anissa Amar, Abdou Boucekkine, Thierry Roisnel, Olivier Mongin, Mark G. Humphrey and Frédéric Paul
Molecules 2020, 25, 5475
DOI: 10.3390/molecules25225475
783. **Copper (II)-based halogen-substituted chromone antitumor drug entities: Studying biomolecular interactions with ct-DNA mediated by sigma hole formation and cytotoxicity activity**
Arjmand Farukh, Khursheed Salman, Roisnel Thierry, Siddique Hifzur R.
Bioorganic Chemistry 104 (2020) 104327
DOI: 10.1016/j.bioorg.2020.104327
782. **Remote deprotometalation-iodolysis of N,N-diisopropyl-2-trimethylsilyl-ferrocenecarboxamide: a new route toward 1,1'-disubstituted ferrocenes**
Kadari Lingaswamy, Roisnel Thierry, Erb William, Krishna Palakodety Radha, Mongin Florence
Synthesis 2020, 52(21) 3153-3161
DOI: 10.1055/s-0040-1707175
781. **Non symmetrical sterically challenged phenanthroline ligands and their homoleptic copper(I) complexes with improved excited state properties**
Léa Giméno, Errol Blart, Jean-Noël Rebilly, Marina Coupeau, Magali Allain, Thierry Roisnel, Alexis Quarré de Verneuil, Christophe Gourlaouen, Chantal Daniel and Yann Pellegrin
Chem. Eur. J. 2020, 26, 11887-11899
DOI: 10.1002/chem.202001209

780. **Alkaline-earth complexes with macrocyclic-functionalised bis(phenolate)s and bis(fluoroalkoxide)s**
Hammoud Joanna, Abou-Khalil Fatima, Roisnel Thierry, Dorcet Vincent, Bour Christophe, Gandon Vincent, Leboeuf David, Carpentier Jean-François, Sarazin Yann
Dalton Transactions (2020), 49(37), 13017-13028
DOI: 10.1039/d0dt02573a
779. **Iodoferrocene as partner in N-arylation of amides**
Kadari Lingaswamy, Erb William, Roisnel Thierry, Radha Krishna Palakodety, Mongin Florence
New Journal of Chemistry (2020), 44(37), 15928-15941
DOI: 10.1039/d0nj03470c
778. **Exploiting the Reactivity of Fluorinated 2-Arylpyridines in Pd-Catalyzed C-H Bond Arylation for the Preparation of Bright Emitting Iridium(III) Complexes**
Boyaala Rabab, Peng Marie, Tai Wun-Shan, Touzani Rachid, Roisnel Thierry, Dorcet Vincent, Chi Yun, Guerchais Véronique, Doucet Henri, Soulé Jean-François
Inorganic Chemistry (2020), 59(19), 13898-13911
DOI: 10.1021/acs.inorgchem.0c01528
777. **Synthesis of novel cyclic nitrones with gem-difluoroalkyl side chains through cascade reactions**
Ali Souleiman, Rima Ibrahim, Zainab Barakat, Nicolas Gouault, Thierry Roisnel, Joël Boustie, René Grée, Ali Hachem
Eur. J. Org. Chem. 2020, 5741-5751
DOI: 10.1002/ejoc.202000972
776. **A versatile nitrogen ligand for alkaline-earth chemistry**
Peter Chapple, Marie Cordier, Thierry Roisnel, Vincent Dorcet, Yann Sarazin
Dalton Transactions (2020), 49, 11878
DOI: 10.1039/d0dt02236e
775. **Chirality in gold(III) homodimeric complexes**
Huy-Dinh Vu, Jacques Renault, Arnaud Bondon, Thierry Roisnel and Philippe Uriac
Tetrahedron Letters (2020), 61(39), 152323
DOI: 10.1016/j.tetlet.2020.152323
774. **Crystal structure, chemical reactivity, kinetic and thermodynamic studies of new ligand derived from 4-hydroxycoumarin: Interaction with SARS-CoV-2**
Ait-Ramdane-Terbouche Chafia, Abdeldjebar Hasnia, Terbouche Achour, Lakhdari Houria, Bachari Khaldoun, Roisnel Thierry, Hauchard Didier
Journal of Molecular Structure (2020), 1222, 128918
DOI: 10.1016/j.molstruc.2020.128918
773. **Luminescent molecular switches based on dicationic P-doped polycyclic aromatic hydrocarbons**
Delouche Thomas, Vacher Antoine, Roisnel Thierry, Cordier Marie, Audibert Jean-Frédéric, Le Guennic Boris, Miomandre Fabien, Jacquemin Denis, Hissler Muriel, Bouit Pierre-Antoine
Materials Advances (2020), 1(9), 3369-3377
DOI: 10.1039/d0ma00711k
772. **2-Aminobenzaldehyde, a common precursor to acridines and acridones endowed with bioactivities**
Sarah Zeghada, Ghenia Bentabed-Ababsa, Olivier Mongin, William Erb, Laurent Picot, Valérie Thiéry, Thierry Roisnel, Vincent Dorcet, Florence Mongin
Tetrahedron 76 (2020) 131435
DOI: 10.1016/j.tet.2020.131435

771. **Metal Centered *commo*-Bis(metallaselaborane): Heterotrimetallic Systems Bearing a Zn(II) Center**
Joseph Benson, Prakash Rini, Dorcet Vincent, Roisnel Thierry, Halet Jean-François, Ghosh Sundargopal
Organometallics 2020, 39, 2942-2946
DOI: 10.1021/acs.organomet.0c00427
770. **Synthesis, experimental, theoretical study and molecular docking of 1-ethylpiperazine-1,4-dium bis(nitrate)**
Sofian Gatfaoui, Abir Sagaama, Noureddine Issaoui, Thierry Roisnel, Houda Marouani
Journal of Solid State Sciences, 2020, 106, 106326
DOI: 10.1016/j.solidstatesciences.2020.106326
769. **1,4-Diethynylbenzene-Bridged $[Cp^*(dppe)Fe]^{n+}$ Units: Effect of 2,5-Ethynyl Groups on the Chemical and Electronic Properties**
Makhoul Rim, Groizard Thomas, Hamon Paul, Roisnel Thierry, Dorcet Vincent, Kahlal Samia, Halet Jean-François, Hamon Jean-René, Lapinte Claude
Eur. J. Inorg. Chem. 2020, 2624-2638
DOI: 10.1002/ejic.202000345
768. **Efficient photo-modulation of visible Eu(III) and invisible Yb(III) luminescence using DTE photochromic ligands optical encryption**
Hassan Al Sabea, Lucie Norel, Olivier Galangau, Thierry Roisnel, Olivier Maury, François Riobé and Stéphane Rigaut
Advanced Functional Materials (2020), 2002943
DOI: 10.1002/adfm.202002943
767. **Synthesis, Crystal Structures, High-Temperatures Phase Transition, Optic and Electric properties of Hybrid Halogenometallates: $[(CH_3)_3N(CH_2)_2Br]_2[M^{II}Br_4](M = Cu, Zn)$**
Karim Karoui, Fadhel Hajlaoui, Nathalie Audebrand, Thierry Roisnel and Abdallah Ben Rhaiem
Journal of Alloys and Compounds, 844 (2020) 156115
DOI: 10.1016/j.jallcom.2020.156115
766. **A Tetrairon Dication Featuring Tetraethynylbenzene Bridging Ligand: A Molecular Prototype of Quantum Dot Cellular Automata**
Makhoul Rim, Hamon Paul, Roisnel Thierry, Hamon Jean-René, Lapinte Claude
Chemistry - A European Journal (2020), 26(38), 8368-8371
DOI: 10.1002/chem.202000910
765. **Multi-stage redox systems based on Dicationic P-containing Polycyclic Aromatic Hydrocarbons**
Thomas Delouche, Antoine Vacher, Elsa Caytan, Thierry Roisnel, Boris Le Guennic, Denis Jacquemin, Muriel Hissler, Pierre-Antoine Bouit
Chemistry - A European Journal (2020), 26(37), 8226-8229
DOI: 10.1002/chem.202001213
764. **Persistent Organic Room-Temperature Phosphorescence in Cyclohexane-*trans*-1,2-Bisphthalimide Derivatives: The Dramatic Impact of Heterochiral vs Homochiral interactions**
Favereau Ludovic, Quinton Cassandre, Poriel Cyril, Roisnel Thierry, Jacquemin Denis, Crassous Jeanne
Journal of Physical Chemistry Letters (2020), 11, 15, 6426-6434
DOI: 10.1021/acs.jpcllett.0c01816

763. **Palladium (II) complexes of tetradentate donor-acceptor Schiff base ligands: synthesis, spectral, structural, thermal and NLO properties**
Celedon Salvador, Thierry Roisnel, Artigas Vania, Fuentealba Mauricio, Carrillo David, Ledoux-Rak Isabelle, Hamon Jean-René, Manzur Carolina
New Journal of Chemistry 2020, 44, 9190
DOI: 10.1039/d0nj01982h
762. **Oxygen reduction reaction catalyzed by overhanging carboxylic acid strapped iron porphyrins adsorbed on carbon nanotubes**
Boitrel Bernard, Bouget Morgane, Das Pradip K., Le Gac Stéphane, Roisnel Thierry, Hanana Manel, Arcostanzo Hélène, Cornut Renaud, Jousset Bruno, Campidelli Stéphane
Journal of Porphyrins and Phthalocyanines (2020), 24(5/7), 675-684
DOI: 10.1142/s1088424619501232
761. **Bis(imino)carbazolate: master key for barium chemistry**
Peter Chapple, Samia Kahlal, Julien Cartron, Thierry Roisnel, Vincent Dorcet, Marie Cordier, Jean-Yves Saillard, Jean-François Carpentier, Yann Sarazin
Angewandte Chemie, International Edition (2020), 59(23), 9120-9126
DOI: 10.1002/anie.202001439
760. **Expedient Synthesis of Conjugated Triynes via Alkyne Metathesis**
Curbet Idriss, Colombel-Rouen Sophie, Manguin Romane, Clermont Anthony, Quelhas Alexandre, Müller Daniel, Roisnel Thierry, Baslé Olivier, Trolez Yann, Mauduit Marc
Chemical Science (2020), 11(19), 4934-4938
DOI: doi 10.1039/d0sc01124j
759. **Long-lived circularly-polarized phosphorescence in helicene-NHC -rhenium(I) complexes: the influence of helicene, halogen and stereochemistry on emission properties**
Etienne S. Gauthier, Laura Abella, Nora Hellou, Benoît Darquié, Elsa Caytan, Thierry Roisnel, Nicolas Vanthuynne, Ludovic Favereau, Monika Srebro-Hooper, J. A. Gareth Williams, Jochen Autschbach and Jeanne Crassous
Angew. Chem. Int. Ed. 2020, 59, 8394-8400
DOI: 10.1002/anie.202002387
758. **Experimental, computational, and in silico analysis of $(C_8H_{14}N_2)_2[CdCl_6]$**
Ikram Jomaa, Olfa Noureddine, Sofian Gatfaoui, Noureddine Issaoui, Thierry Roisnel, Houda Marouani
Journal of Molecular Structure 1213 (2020) 128186
DOI: 10.1016/j.molstruc.2020.128186
757. **Two-dimensional Copper (II) halide-Based Hybrid Perovskite Templated by 2-Chloroethylammonium: crystal structures, phase transitions, optical and electric properties**
Farah Akrouf, Fadhel Hajlaoui, Karim Karoui, Nathalie Audebrand, Thierry Roisnel, Nabil Zouar
Journal of Solid State Chemistry, 287 (2020) 121338
DOI: 10.1016/j.jssc.2020.121338
756. **Synthesis of novel 3-(quinazol-2-yl)-quinolines via SNAr and aluminum chloride-induced (hetero) arylation reactions and biological evaluation as proteasome inhibitors**
Imen Boualia, Abdelmadjid Debache, Thierry Roisnel, Fabienne Berrée, Joëlle Vidal, Bertrand Carboni
Tetrahedron Letters (2020), 61(17), 151805
DOI: 10.1016/j.tetlet.2020.151805
755. **Chiral diketopyrrolopyrrole-helicene polymer with efficient red circularly polarized luminescence**

- Jeanne Crassous, Kais Dhbaibi, Chengshuo Shen, Marion Jean, Nicolas Vanthuyne, Thierry Roisnel, Marcin Górecki, Bassem Jamoussi, Ludovic Favereau
Frontiers in Chemistry (Lausanne, Switzerland) (2020), 8, 237
DOI: 10.3389/fchem.2020.00237
754. **Luminescence-Driven Electronic Structure Determination in a Textbook Dimeric Dy(III)-based Single Molecule Magnet**
Djamila Guettas, Frédéric Gendron, Guglielmo Fernandez Garcia, François Riobé, Thierry Roisnel, Olivier Maury, Guillaume Pilet, Olivier Cador, Boris Le Guennic
Chemistry - A European Journal (2020), 26(19), 4389-4395
DOI: 10.1002/chem.201905493
753. **Chemistry of Dimetallaooctaborane(12) with Chalcogen-based Borate Ligands: Obedient vs Disobedient Clusters**
Nandi Chandan, Kar Sourav, Zafar Mohammad, Kar Ketaki, Roisnel Thierry, Dorcet Vincent, Ghosh Sundargopal
Inorganic Chemistry (2020), 59(6), 3537-3541
DOI: 10.1021/acs.inorgchem.0c00122
752. **Heterometallic Triply-Bridging Bis-Borylene Complexes**
Ranjit Bag, Sourav Kar, Suvam Saha, Suman Gomosta, Beesam Raghavendra, Thierry Roisnel, Sundargopal Ghosh
Chem Asian J. 2020, 15, 780-786
DOI: 10.1002/asia.201901593
751. **Barium-catalysed dehydrocoupling of hydrosilanes and borinic acids: A mechanistic insight**
Erwann Le Coz, Ziyun Zhang, Thierry Roisnel, Luigi Cavallo, Laura Falivene, Jean-François Carpentier, Yann Sarazin
Chem. Eur. J. 2020, 26, 3535-3544
DOI: 10.1002/chem.201904933
750. **Synthesis, characterization and unusual near-infrared luminescence of 1,1,4,4-tetracyano-butadienes**
Anh Thy Bui, Clotilde Philippe, Maxime Beau, Nicolas Richy, Marie Cordier, Thierry Roisnel, Loïc Lemiègre, Olivier Mongin, Frédéric Paul, Yann Trolez
Chemical Communications, 2020, 56, 3571-3574
DOI: 10.1039/c9cc09560h
749. **A new anionic structure type of chlorobismuthate salt: X-ray characterization, DFT, Optical and dielectric properties of $(C_4H_{10}N)_8[Bi_2Cl_{11}][BiCl_6] \cdot 2H_2O$**
Zeineb Ouerghi, Mohamed Amine Fersi, Slim Elleuch, Thierry Roisnel, Abdelhak Othmani, Riadh Kefi
Journal of Cluster Science (2020), Ahead of Print
DOI: 10.1007/s10876-020-01776-w
748. **Reduction of CO_2 by Hydrosilanes in the Presence of Formamidinates of Groups 13 and 12 Elements**
Huang Weiheng, Roisnel Thierry, Dorcet Vincent, Orione Clément, Kirillov Evgueni
Organometallics (2020), 39(5), 698-710
DOI: 10.1021/acs.organomet.9b00853
747. **Functionalization of 3-Iodo-*N,N*-diisopropylferrocenecarboxamide, a Pivotal Substrate to Open the Chemical Space to 1,3-Disubstituted Ferrocenes**

- William Erb, Lingaswamy Kadari, Khadega Al-Mekhlafi, Thierry Roisnel, Vincent Dorcet, Palakodety Radha Krishna, Florence Mongin
Adv. Synth. Catal. 2020, 362, 832 - 850
DOI: 10.1002/adsc.201901393
746. **Effect of the coordination of the π -acceptor 4-cyanopyridine ligand on the structural and electronic properties of the *meso*-tetra(*para*-methoxy) and the *meso*-tetra(*para*-chlorophenyl) porphyrins cobalt(II) coordination compounds. Application in the catalytic degradation of the methylene blue dye**
Mouhieddine Guergueb, Soumaya Nasri, Jihed Brahmî, Frédérique Loiseau, Florian Molton, Thierry Roisnel, Vincent Guérineau, Ilona Turowska-Tyrk, Kaïss Aouadi and Habib Nasri
RSC Adv., 2020, 10, 6900-6918
DOI: 10.1039/c9ra08504a
745. **Synthesis, intermolecular interactions and biologic activities of two new organic-inorganic hybrids $C_6H_{10}N_2, 2Br$ and $C_6H_{10}N_2, 2Cl.H_2O$**
Intissar Hamdi, Intidhar Bkhairia, Andreas Roodt, Thierry Roisnel, Moncef Nasri, Houcine Naïli
Chemical RSC Adv. 2020, 10, 5864-5873
DOI: 10.1039/c9ra09294c
744. **Transmetallation vs Adduct: Diverse Reactivity of N,O-ketiminato germylene with $[Cp^*MCl_2]_2$ (M = Rh or Ir; $Cp^* = \eta^5 - C_5Me_5$) and MCl_5 (M = Nb and Ta)**
Beesam Raghavendra, Kirubakaran Bakthavachalam, Das Tamal, Roisnel Thierry, Sen Sakya, Vanka Kumar, Ghosh Sundargopal
Journal of Organometallic Chemistry 911 (2020) 121142
DOI: 10.1016/j.jorganchem.2020.121142
743. **Naphthyl-Fused Phosphepines: Luminescent Contorted Polycyclic P-Heterocycles**
Delouche Thomas, Mokrai Réka, Roisnel Thierry, Tondelier Denis, Geffroy Bernard, Nyulászi László, Benkő Zoltán, Hissler Muriel, Bouit Pierre-Antoine
Chem. Eur. J. 2020, 26, 1856-1863
DOI: 10.1002/chem.201904490
742. **Diborane(6) and its analogues stabilized by the mono-, bi- and trinuclear group 7 templates: Combined experimental and theoretical studies**
Rini Prakash, Alaka Nanda Pradhan, Madhuri Jash, Samia Kahlal, Marie Cordier, Thierry Roisnel, Jean-François Halet, Sundargopal Ghosh
Inorg. Chem. 2020, 59, 1917-1927
DOI: 10.1021/acs.inorgchem.9b03217
741. **Crystal structure of Zn(II)-4-(10,15,20-tris(4-methoxyphenyl)porphyrin-5-yl)benzyl 2-diazoacetate**
Daniel Carrié, Thierry Roisnel and Gérard Simonneaux
Acta Cryst. (2020). E76, 273-275
DOI: 10.1107/S2056989020001085
740. **A tetrachlorocobaltate(II) salt with 2-amino-5-picolinium: Synthesis, theoretical and experimental characterization**
Mariem Tahenti, Sofian Gatfaoui, Noureddine Issaoui, Thierry Roisnel, Houda Marouani
Journal of Molecular Structure 1207 (2020) 1227781
DOI: 10.1016/j.molstruc.2020.122781
739. **A Combined Experimental and Theoretical Study on Bimetallic Bis- and Tris-homocubane Analogues**

- Benson Joseph, Rini Prakash, Kriti Pathak, Thierry Roisnel, Samia Kahlal, Jean-François Halet and Sundargopal Ghosh
New J. Chem. 44 (2020) 674-683
DOI: 10.1039/c9nj05117a
738. **Hysteresis Photomodulation via Single-Crystal-to-Single-Crystal Isomerization of a Photochromic Chain of Dysprosium Single-Molecule Magnets**
Maher Hojorat, Hassan Al Sabea, Lucie Norel, Kevin Bernot, Thierry Roisnel, Frédéric Gendron, Boris Le Guennic, Elzbieta Trzop, Eric Collet, Jeffrey R. Long and Stéphane Rigaut
Journal of the American Chemical Society (2020), 142(2), 931-936
DOI: 10.1021/jacs.9b10584
737. **B-H Functionalization of Hydrogen-Rich $[(Cp^*V)_2(B_2H_6)_2]$: Synthesis and Structures of $[(Cp^*V)_2(B_2X_2)_2H_8]$ ($X = Cl, SePh$; $Cp^* = \eta^5 - C_5Me_5$)**
Haridas Anagha, Kar Sourav, Raghavendra Beesam, Roisnel Thierry, Dorcet Vincent, Ghosh Sundargopal
Organometallics (2020), 39(1), 58-65
DOI: 10.1021/acs.organomet.9b00609
736. **Structure elucidation {spectroscopic, single crystal X-ray diffraction and computational DFT studies} of new tailored benzenesulfonamide derived Schiff base copper(II) intercalating complexes: comprehensive biological profile {DNA binding, pBR322 DNA cleavage, Topo I inhibition and cytotoxic activity}**
Zeenat Afsan, Thierry Roisnel, Sartaj Tabassum, Farukh Arjmand
Bioorganic Chemistry 94 (2019) 103427
DOI: 10.1016/j.bioorg.2019.103427
735. **Modulation of Circularly Polarized Luminescence Through Excited-State Symmetry Breaking and Interbranched Exciton Coupling in Helical Push-Pull Organic Systems**
Dhbaibi Kais, Favereau Ludovic, Srebro-Hooper Monika, Quinton Cassandre, Vanthuyne Nicolas, Arrico Lorenzo, Roisnel Thierry, Jamoussi Bassem, Poriel Cyril, Cabanetos Clément, Autschbach Jochen, Crassous Jeanne
Chem. Sci., 2020,11, 567-576
DOI: 10.1039/C9SC05231C
734. **Preparation and characterization of the triflate complex $[Cp^*(dppe)FeOSO_2CF_3]$: a convenient access to labile five- and six-coordinate Fe(I) and Fe(II) complexes**
Paul Hamon, Loïc Toupet, Thierry Roisnel, Jean-René Hamon, Claude Lapinte
Eur. J. Inorg. Chem. 2020, 84-93
DOI: 10.1002/ejic.201901086
733. **New thiosemicarbazone Schiff base ligands: Synthesis, characterization, catecholase study and hemolytic activity**
Nehar Oussama Kheireddine, Mahboub Radia, Louhibi Samira, Roisnel Thierry, Aissaoui Mohammed
Journal of Molecular Structure 1204 (2020) 127566
DOI: 10.1016/j.molstruc.2019.127566
732. **From Prochiral N-Heterocyclic Carbenes (NHCs) to Optically Pure Metal Complexes: New Opportunities in Asymmetric Catalysis**
Kong Lingyu, Morvan Jennifer, Pichon Delphine, Jean Marion, Albalat Muriel, Vives Thomas, Colombel-Rouen Sophie, Giorgi Michel, Dorcet Vincent, Roisnel Thierry, Crévisy Christophe, Nuel Didier, Nava Paola, Humbel Stéphane, Vanthuyne Nicolas, Mauduit Marc, Clavier Hervé
Journal of the American Chemical Society (2020), 142(1), 93-98
DOI: 10.1021/jacs.9b12698

731. **Functionalization of 9-thioxanthone at the 1-position: From arylamino derivatives to [1]benzo(thio)pyrano[4,3,2-de]benzothieno[2,3-b]quinolines of biological interest**
Mokhtari Brikci-Nigassa Nahida, Nauton Lionel, Moreau Pascale, Mongin Olivier, Duval Raphaël E., Picot Laurent, Thiéry Valérie, Souab Mohamed, Baratte Blandine, Ruchaud Sandrine, Bach Stéphane, Le Guevel Rémy, Bentabed-Ababsa Ghenia, Erb William, Roisnel Thierry, Dorcet Vincent, Mongin Florence
Bioorganic Chemistry 94 (2020) 103347
DOI: 10.1016/j.bioorg.2019.103347
730. **Regiocontrolled palladium-catalyzed direct C2-arylations of Methoxalen using benzenesulfonyl chlorides and C2,C3-diarylations using aryl bromides as the aryl sources**
Haoran Li, Thierry Roisnel, Jean-François Soulé, Henri Doucet
Tetrahedron Letters 61 (2020) 151342
DOI: 10.1016/j.tetlet.2019.151342
729. **From simple quinoxalines to potent oxazolo[5,4-f]quinoxaline inhibitors of glycogen-synthase kinase 3 (GSK3)**
Frédéric Lassagne, Camille Duguépéroux, Carlos Roca, Concepcion Perez, Ana Martinez, Blandine Baratte, Thomas Robert, Sandrine Ruchaud, Stéphane Bach, William Erb, Thierry Roisnel and Florence Mongin
Org. Biomol. Chem., 2020, 18, 154
DOI: 10.1039/c9ob02002k
728. **Synthesis, characterization and unusual near-infrared luminescence of 1,1,4,4 tetra-cyanobutadienes**
Anh Thy Bui, Clotilde Philippe, Maxime Beau, Nicolas Richy, Marie Cordier, Thierry Roisnel, Loïc Lemiègre, Olivier Mongin, Frédéric Paul, Yann Trolez
Chem. Comm. (2020), 56, 3571
DOI: 10.1039/c9cc09560h
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[2019]

727. **Synthesis and structure of heterometallic clusters of early transition metals**
Prakash Rini, Haridas Anagha, De Anangsha, Roisnel Thierry, Ghosh Sundargopal
Journal of the Indian Chemical Society (2019), 96(10), 1259-1264
DOI:
726. **New synthetic material removing heavy metals from aqueous solutions and wastewater**
Houari Benayed, Louhibi Samira, Tizaoui Khadidja, Boukli-Hacene Leila, Benguella Belkacem, Roisnel Thierry, Dorcet Vincent
Arabian Journal of Chemistry (2019) 12, 5040-5048
DOI: 10.1016/j.arabjc.2016.11.010
725. **Dual light and redox control of NIR luminescence with spectrally complementary photochromic and organometallic antennae**
Hassan Al Sabea, Hussein Hijazi, Lucie Norel, Olivier Galangau, Rémi Métivier, Thierry Roisnel, François Riobé, Christophe Bucher, Olivier Maury and Stéphane Rigaut
J. Am. Chem. Soc. 2019, 141, 51, 20026-20030
DOI: 10.1021/jacs.9b11318

724. **Multi-stage redox systems based on Dicationic P-containing Polycyclic Aromatic Hydrocarbons**
Delouche Thomas, Vacher Antoine, Caytan Elsa, Roisnel Thierry, Le Guennic Boris, Jacquemin Denis, Hissler Muriel, Bouit Pierre-Antoine
ChemRxiv (2019), 1-4
DOI:
723. **Lead(II) siloxides**
Adrian-Alexandru Somesan, Erwann Le Coz, Ciprian Ionut Rat, Vincent Dorcet, Thierry Roisnel, Cristian Silvestru, Yann Sarazin
Chem. Eur. J. 2019, 25, 16236-16240
DOI: 10.1002/chem.201904713
722. **C-H Bond Alkylation of Cyclic Amides with Maleimides via a Site-Selective-Determining Six-Membered Ruthenacycle**
Yu-Chao Yuan, Marion Goujon, Christian Bruneau, Thierry Roisnel, and Rafael Gramage-Doria
Journal of Organic Chemistry (2019), 84(24), 16183-16191
DOI: 10.1021/acs.joc.9b02690
721. **Synthesis and structures of chalcogen-bridged binuclear group 5 and 6 metal complexes**
Bhattacharyya Moulika, Prakash Rini, Nandi Chandan, Chowdhury Monojit Ghosal, Raghavendra Beesam, Roisnel Thierry, Ghosh Sundargopal
Journal of Chemical Sciences (Berlin, Germany) (2019), 131(12), 123
DOI: 10.1007/s12039-019-1703-9
720. **Structural phase transition, electrical and semiconducting properties in a lead-free 2D hybrid perovskite-like compound: $[Cl - (CH_2)_2 - NH_3]_2[CuCl_4]$**
Fadhel Hajlaoui, Nathalie Audebrand, Thierry Roisnel, Nabil Zouari
Appl Organometal Chem. 2019 e5293
DOI: 10.1002/aoc.5293
719. **Synthesis of new γ -lactams with *gem*-difluorinated side chains**
Ali Soulieman, Nicolas Gouault, Thierry Roisnel, Frédéric Justaud, Joël Boustie, René Grée, Ali Hachem
Synlett 2019, 30(20) 2258-2262
DOI: 10.1055/s-0039-1690715
718. **Optical, UV-Vis Spectroscopy studies, Electrical and Dielectric properties of transition metal-based of the novel organic-inorganic hybrid $(C_6H_{10}N_2)(Hg_2Cl_5)_2 \cdot 3H_2O$.**
Saad Imen Ben, Hannachi Najeh, Roisnel Thierry, Hlel Faouzi
Journal of Advanced Dielectrics (2019), 9(5), 1950040
DOI: 10.1142/S2010135X19500401
717. **Synthesis and chiroptical properties of organometallic complexes of helicenic *N*-heterocyclic carbenes**
Nesrine Hafedh, Ludovic Favereau, Elsa Caytan, Thierry Roisnel, Marion Jean, Nicolas Vanthuyne, Faouzi Aloui, Jeanne Crassous
Chirality. 2019, 31, 1005-1013
DOI: 10.1002/chir.23143
716. **Electronic communication within flexible bisdithiolene ligands bridging molybdenum centers**
Vacher Antoine, Le Gal Yann, Roisnel Thierry, Dorcet Vincent, Devic Thomas, Barrière Frédéric,

Lorcy Dominique
Organometallics (2019), 38(22), 4399-4408
DOI: 10.1021/acs.organomet.9b00485

715. **A straightforward one step access to Ticlopidine derivatives arylated at the C5-position of the thienyl ring via Pd-catalyzed direct arylations**
Dhieb Atoui, Haoran Li, Ridha Ben Salem, Thierry Roisnel, Jean-François Soulé, Henri Doucet
Asian J. Org.Chem. 2019, 8, 21552161
DOI: 10.1002/ajoc.201900609
714. **Synthesis and crystal structure of (E)-2-((2-(amino(methylthio)methyl)hydrazono)methyl)benzene-1,4-diol, hydrogen sulfate**
Oussama Nehar, Samira Louhibi and Thierry Roisnel
Acta Crystallographica, Section E: Crystallographic Communications (2019), 75(11), 1738-1740
DOI: 10.1107/s2056989019014233
713. **Site-Selective Ruthenium-Catalyzed C-H Bond Arylations with Boronic Acids: Exploiting Isoindolinones as a Weak Directing Group**
Yuan Yu-Chao, Bruneau Christian, Roisnel Thierry, Gramage-Doria Rafael
J. Org. Chem. 2019, 84, 20, 12893-12903
DOI: 10.1021/acs.joc.9b01563
712. **Synthesis, structure, photophysical properties and biological activity of a cobalt(II) coordination complex with 4,4'-bipyridine and porphyrin chelating ligands**
Nesrine Amiri, Sahar Nour, Melek Hajjic, Thierry Roisnel, Taha Guerfel, Gérard Simonneaux, Habib Nasri
Journal of Saudi Chemical Society 2019, 23, 781-794
DOI: 10.1016/j.jscs.2019.03.003
711. **Late-Stage Diversification of Imidazole-Based Pharmaceuticals Through Pd-Catalyzed Regioselective C-H Bond Arylations**
Benzai Amal, Shi Xinzhe, Derridj Fazia, Roisnel Thierry, Doucet Henri, Soulé Jean-François
Journal of Organic Chemistry (2019), 84(20), 13135-13143
DOI: 10.1021/acs.joc.9b01469
710. **From ferrocene to fluorine-containing penta-substituted derivatives and all points in-between; or, how to increase the available chemical space**
Tazi Mehdi, Erb William, Roisnel Thierry, Dorcet Vincent, Mongin Florence, Low Paul
Organic & Biomolecular Chemistry (2019), 17(42), 9352-9359
DOI: 10.1039/c9ob01885a
709. **Investigation of hybrid-capacitor properties of ruthenium complexes**
Altin Serdar, Öz Erdinc, Altundag Sebahat, Bayri Ali, Roisnel Thierry, Dorcet Vincent, Bruneau Christian, Özdemir Ismail, Yaşar Sedat
International Journal of Energy Research (2019), 43(13), 6840-6851
DOI: 10.1002/er.4690
708. **Five-Membered Ruthenacycles: Ligand-Assisted Alkyne Insertion into 1,3-N,S-Chelated Ruthenium Borate Species**
Zafar Mohammad, Ramalakshmi Rongala, Pathak Kriti, Ahmad Asif, Roisnel Thierry, Ghosh Sundargopal
Chemistry - A European Journal (2019), 25(59), 13537-13546
DOI: 10.1002/chem.201902663

707. **Barium siloxides and catalysed formation of $Si - O - Si'$ motifs**
Erwann Le Coz, Samia Kahlal, Jean-Yves Saillard, Thierry Roisnel, Vincent Dorcet, Jean-François Carpentier, Yann Sarazin
Chemistry - A European Journal (2019), 25(59), 13509-13513
DOI: 10.1002/chem.201903676
706. **Naphthyl-fused phosphepines: Luminescent contorted polycyclic P-heterocycles**
Delouche Thomas, Mokrai Reka, Roisnel Thierry, Tondelier Denis, Geffroy Bernard, Nyulaszi Laszlo, Benko Zoltan, Hissler Muriel, Bouit Pierre-Antoine
ChemRxiv (2019), 1-7
DOI: 10.26434/chemrxiv.9892001.v1
705. **Homocubane Chemistry: Synthesis and Structures of Mono and Dicobaltaheteroborane Analogues of Tris- and Tetrahomocubanes**
Pathak Kriti, Ramalakshmi Rongala, Zafar Mohammad, Bagchi Sukanya, Roisnel Thierry, Ghosh Sundargopal
ACS Omega 2019, 4, 15, 16651-16659
DOI: 10.1021/acsomega.9b02568
704. **Rh(I)-Catalyzed P(III)-Directed C-H Bond Alkylation: Design of Multifunctional Phosphines for Carboxylation of Aryl Bromides with Carbon Dioxide**
Zhang Zhuan, Roisnel Thierry, Dixneuf Pierre H., Soulé Jean-François
Angew. Chem. Int. Ed. 2019, 58, 14110-14114
DOI: 10.1002/anie.201906913
703. **Activation of olefin metathesis complexes containing unsymmetrical unsaturated N-heterocyclic carbenes by copper and gold transmetalation**
Fadma Kamal, Sophie Colombel-Rouen, Adrian Dumas, Jean-Paul Guégan, Thierry Roisnel, Vincent Dorcet, Olivier Baslé, Mathieu Rouen, Marc Mauduit
Chemical Communications, 2019, 55(77), 11583-11586
DOI: 10.1039/c9cc05776e
702. **Single-site cobalt and zinc catalysts for the ring-opening polymerization of lactide**
Paul Marin, Mathieu J.-L. Tschan, Pierre Haquette, Thierry Roisnel, Iker del Rosal, Laurent Maron, Christophe M. Thomas
European Polymer Journal (2019), 120, 109208
DOI: 10.1016/j.eurpolymj.2019.08.035
701. **$AlCl_3$ -promoted reaction of cycloalkanones with arylhydrazones: A convenient direct synthesis of 4,5,6,7-tetrahydro-1H-indazoles and analogues**
Rima Laroum, Fabienne Berrée, Thierry Roisnel, Vincent Dorcet, Bertrand Carboni, Abdelmajid Debache
Tetrahedron Letters 60(2019) 150988
DOI: 10.1016/j.tetlet.2019.150988
700. **Site-selective Ru-catalyzed C-H bond alkenylation with biologically relevant isoinolinones: a case of catalyst performance controlled by subtle stereo-electronic effects of the weak directing group**
Yuan Yu-Chao, Bruneau Christian, Roisnel Thierry, Gramage-Doria Rafael
Catalysis Science & Technology (2019), 9, 4711-4717
DOI: 10.1039/c9cy01231a
699. **Regioselective Pd-catalyzed direct C1- and C2-arylations of Lilolidine for access to 5,6-dihydropyrrolo[3,2,1-ij]quinoline derivatives**

Hai-Yun Huang, Hoaran Li, Thierry Roisnel, Jean-François Soulé, Henri Doucet
Beilstein J. Org. Chem. 2019, 15, 2069-2075
DOI: 10.3762/bjoc.15.204

698. **Conformational studies of bipyridine based mesogens by combination of DFT calculations and temperature-dependent infrared studies**
Barszcz Boleslaw, Bogucki Andrzej, Swietlik Roman, Akdas-Kilic Huriye, Camerel Franck, Roisnel Thierry
Liquid Crystals (2019), 46(9), 1403-1414
DOI: 10.1080/02678292.2019.1575990
697. **Reactivity of 3-Bromofuran in Pd-Catalyzed C-H Bond Arylation Toward the Synthesis of 2,3,5-Triaryl Furans**
Sasmal Arpan, Roisnel Thierry, Bera Jitendra K., Doucet Henri, Soulé Jean-François
Synthesis (2019), 51(17), 3241-3249
DOI: 10.1055/s-0037-1611819
696. **Metal- π -F-C Bonding in Low-Coordinate Alkaline Earth Fluoroarylamides**
Roueindeji Hanieh, Ratsifitahina Antsa, Roisnel Thierry, Dorcet Vincent, Kahlal Samia, Saillard Jean-Yves, Carpentier Jean-François, Sarazin Yann
Chemistry - A European Journal (2019), 25(37), 8854-8864
DOI: 10.1002/chem.201901262
695. **Practical chromatography-free synthesis of 2-iodo-N,N-diisopropyl-ferrocenecarboxamide and further transformations**
William Erb, Thierry Roisnel, Vincent Dorcet
Synthesis (2019), 51(17), 3205-3213
DOI: 10.1055/s-0039-1689917
694. **Asymmetric synthesis of hetero-1,2,3,4,5-pentasubstituted ferrocenes**
Erb William, Roisnel Thierry
Chemical Communications (Cambridge, United Kingdom) (2019), 55(62), 9132-9135
DOI: 10.1039/c9cc04604f
693. **Insights into the new cadmium(II) metalloporphyrin: Synthesis, X-ray crystal structure, Hirshfeld surface analysis, photophysical and cyclic voltammetry characterization of the (morpholine){(meso-tetra(para-chloro-phenyl)porphyrinato)cadmium(II)}**
Mchiri Chadlia, Dhifaoui Selma, Ezzayani Khaireddine, Guergueb Mouhieddine, Roisnel Thierry, Loiseau, Frédérique, Nasri Habib
Polyhedron 2019, 171, 10-19
DOI: 10.1016/j.poly.2019.06.055
692. **Hydroboration of Alkynes: η^4 -Alkene-borane vs η^4 -E-boratabutadiene**
Gomosta Suman, Saha Koushik, Kaur Urminder, Pathak Kriti, Roisnel Thierry, Phukan Ashwini K., Ghosh Sundargopal
Inorganic Chemistry (2019), 58(15), 9992-9997
DOI: 10.1021/acs.inorgchem.9b01126
691. **Synthesis of Conjugated Triynes via Alkyne Metathesis**
Manguin Romane, Curbet Idriss, Clermont Anthony, Quelhas Alexandre, Muller Daniel S., Roisnel Thierry, Baslé Olivier, Trolez Yann, Mauduit Marc
ChemRxiv (2019), 1-6
DOI:

690. **Late stage Pd-catalysed C-H bond functionalization: A powerful tool for the one step access to arylated Cyproheptadine and Cyclobenzaprine derivatives**
Atoui Dhieb, Li Haoran, Ben Salem Ridha, Roisnel Thierry, Caytan, Elsa, Soulé Jean-François, Doucet Henri
Catalysis Communications (2019), 129, 105716
DOI: 10.1016/j.catcom.2019.105716
689. **Ruthenium(II)-catalysed selective $C(sp^2)$ – H bond benzylation of biologically appealing N-arylisindolinones**
Yuan Yu-Chao, Bruneau Christian, Roisnel Thierry, Gramage-Doria Rafael
Organic & Biomolecular Chemistry (2019), 17(32), 7517-7525
DOI: 10.1039/c9ob01122f
688. **Conversion of isatins to tryptanthrins, heterocycles endowed with a myriad of bioactivities**
Amara Rim, Awad Haçan, Chaker Diana, Bentabed-Ababsa Ghenia, Lassagne Frédéric, Erb William, Chevallier Floris, Roisnel Thierry, Dorcet Vincent, Fajloun Ziad, Vidal Joëlle, Mongin Florence
European Journal of Organic Chemistry, 2019, 5302-5312
DOI: 10.1002/ejoc.201900352
687. **Adaptable Overhanging Carboxylic Acid Porphyrins: Towards Molecular Assemblies Through Unusual Coordination Modes**
Wael Barakat, Ismail Hijazi, Thierry Roisnel, Vincent Dorcet, Bernard Boitrel, Stéphane Le Gac
European Journal of Inorganic Chemistry 2019(25), 3005-3014.
DOI: 10.1002/ejic.201900539
686. **Barium complexes with crown-ether-functionalised amidinate and iminoanilide ligands for the hydrophosphination of vinylarenes**
Le Coz Erwann, Roueindeji Hanieh, Roisnel Thierry, Dorcet Vincent, Carpentier Jean-François, Sarazin Yann
Dalton Trans., 2019,48, 9173-9180
DOI: 10.1039/c9dt01512d
685. **Palladium-Catalyzed Successive C-H Bond Arylations and Annulations toward the π -Extension of Selenophene-Containing Aromatic Skeletons**
Shi Xinzhe, Mao Shuxin, Roisnel Thierry, Doucet Henri, Soulé Jean-François
Org. Chem. Front., 2019, 6, 2398-2403
DOI: 10.1039/c9qo00218a
684. **First Germanium Doped Titanium Disulfides Polytypes : Crystal Structure and Metal-Metal Interactions**
Premier Dopage au Germanium de Polytypes de disulfure de Titane: Structure Cristalline et Interaction Métal-Métal
Lamia Hammoudi, Adrian Gómez-Herrero, Thierry Roisnel, Luis Carlos Otero-Díaz, Mohamed Kars
Comptes Rendus Chimie 22 (2019) 406-418
DOI: 10.1016/j.crci.2019.04.006
683. **Aminofluoroalkoxide amido and boryloxo lead(II) complexes**
Adrian Somesan, Thierry Roisnel, Vincent Dorcet, Cristian Silvestru, Yann Sarazin
Dalton Trans., 2019,48, 9944-9948
DOI: 10.1039/c9dt02110h

682. **Reactivity of 5-alkynyl-3,4-dihydro-2H-pyrroles with Au (III): route to vinylgold (III) complexes, aurocycles by cyclisation of these complexes and ML complexes**
Vu Huy-Dinh, Bouvry Christelle, Renault Jacques, Bondon Arnaud, Lambert Fabian, Roisnel Thierry, Uriac Philippe
Journal of Organometallic Chemistry, 897 (2019) 228-235
DOI: 10.1016/j.jorganchem.2019.07.014
681. **Redox-Switching of ternary Ni(II) and Cu(II) complexes: Synthesis, experimental and theoretical studies along with second-order nonlinear optical properties**
Néstor Novoa, Carolina Manzur, Thierry Roisnel, Vincent Dorcet, Nolwenn Cabon, Françoise Robin-Le Guen, Isabelle Ledoux-Rak, Samia Kahlal, Jean-Yves Saillard, David Carrillo and Jean-René Hamon
New Journal of Chemistry New J. Chem., 2019,43, 10468
DOI: 10.1039/c9nj01774g
680. **Ene reactions of 2-borylated α -methylstyrenes: a practical route to 4-methylenechromanes and derivatives**
Bouregghda Chaima, Macé Aurélie, Berrée Fabienne, Roisnel Thierry, Debache Abdelmadjid, Carboni Bertrand
Org. Biomol. Chem., 2019,17, 5789-5800
DOI: 10.1039/c9ob00963a
679. **Mercapto-benzothiazolyl based ruthenium(II) borate complexes: Synthesis and reactivity towards various phosphines**
Zafar Mohammad, Rongala Ramalakshmi, Pradhan Alaka, Pathak Kriti, Thierry Roisnel, Halet Jean-François, Ghosh Sundargopal
Dalton Trans., 2019,48, 7413-7424
DOI: 10.1039/c9dt00498j
678. **Spectroscopic and single X-ray crystal diffraction studies of enantiomeric copper(II) Schiff base 1D-coordination polymers with 4-(2-aminoethyl)benzenesulfonamide appendage: comprehensive biological evaluation (DNA binding, cleavage, SOD mimetic activity, Topo I inhibition and cytotoxicity)**
Afsan Zeenat, Roisnel Thierry, Tabassum Sartaj, Arjmand Farukh
Appl Organometal Chem 2019, 33:e4958
DOI: 10.1002/aoc.4958
677. **Featuring non-covalent interactions in m-xylenylenediaminium bis(perchlorate) monohydrate: synthesis, characterization and Hirshfeld surface analysis**
Afef Guesmi, Thierry Roisnel and Houda Marouani
Journal of Molecular Structure 1194 (2019) 66-72
DOI: 10.1016/j.molstruc.2019.04.124
676. **Design of bis-NHC Ru-complexes featuring diarylmethylene N-substituents for olefin metathesis** Quick View Other Sources
Curbet Idriss, Morvan Jennifer, Colombel-Rouen Sophie, Roisnel Thierry, Crévisy Christophe, Mauduit Marc
ARKIVOC (Gainesville, FL, United States) (2019), (4), 102-112
DOI: 10.24820/ark.5550190.p010.894
675. **Copper- and Cobalt-Catalyzed Syntheses of Thiophene-Based Tertiary Amines**
Salima Bouarfa, Simon Grassl, Maria Ivanova, Timothy Langlais, Ghenia Bentabed-Ababsa, Frédéric Lassagne, William Erb, Thierry Roisnel, Vincent Dorcet, Paul Knochel and Florence Mongin

Eur. J. Org. Chem. 2019, 3244-3258
DOI: 10.1002/ejoc.201900276

674. **A kinetic resolution strategy for the synthesis of chiral octahedral NHC-iridium(III) catalysts**
Manguin Romane, Pichon Delphine, Tarrieu Robert, Vives Thomas, Roisnel Thierry, Dorcet Vincent, Crevisy Christophe, Miqueu Karinne, Favereau Ludovic, Crassous Jeanne, Mauduit Marc, Baslé Olivier
Chem. Commun., 2019, 55, 6058-6061
DOI: 10.1039/C9CC02434D
673. **Characterizations of crystalline structure and catalytic activity of zwitterionic imidazole derivatives**
Sihem Yebdri, Oussama Nehar, Radia Mahboub, Thierry Roisnel, Leila Boukli-Hacene, Samira Louhibi
Journal of Molecular Structure 1193 (2019) 45-52
DOI: 10.1016/j.molstruc.2019.05.020
672. **A proton transfer compound template phenylethylamine: Synthesis, a collective experimental and theoretical investigations**
Sofian Gatfaoui, Noureddine Issaoui, Thierry Roisnel, Houda Marouani
Journal of Molecular Structure 1191 (2019) 183-196
DOI: 10.1016/j.molstruc.2019.04.093
671. **Enantiomeric Amino Acid Schiff Base Copper(II) Complexes as a New Class of RNA-Targeted Metallo-Intercalators: Single X-ray Crystal Structural Details, Comparative in Vitro DNA/RNA Binding Profile, Cleavage, and Cytotoxicity**
Sifteen Zehra, Thierry Roisnel and Farukh Arjmand
ACS Omega 2019, 4, 7691-7705
DOI: 10.1021/acsomega.9b00131
670. **Heterobimetallic Ba/Li and Ca/Li amides and diphenylmethanide**
Le Coz Erwann, Roueindeji Hanieh, Dorcet Vincent, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Dalton Trans., 2019,48, 5500-5504
DOI: 10.1039/c9dt00771g
669. **(E,E)-3-Methyl-2,5-bis(4-methylbenzylidene)cyclopentanone: synthesis, characterization, Hirshfeld surface analysis and antibacterial activity**
Fatiha Mahdi, Assia Sid, Rafika Bouchene, Paul Mosset and Thierry Roisnel
Acta Cryst. (2019). E75, 506-511
DOI: 10.1107/S2056989019003827
668. **Synthesis, Structure and Theoretical Studies of Silver(I) and Manganese(I) Complexes of Dihydrobis(2-mercapto-benzothiazolyl)borate**
Gomosta Suman, Ramalakshmi Rongala, Arivazhagan C., Haridas Anagha, Beesam Raghavendra, Maheswari Kuppayandi, Roisnel Thierry, Ghosh Sundargopal
Z. Anorg. Allg. Chem. 2019, 645, 588-594
DOI: 10.1002/zaac.201800492
667. **An enantiopure cyclometallated iridium complex displaying long-lived phosphorescence both in solution and in the solid state**
Aurélie Macé, Nora Hellou, Joanna Hammoud, Clotilde Martin, Etienne Gauthier, Ludovic Favereau, Thierry Roisnel, Elsa Caytan, Ghassan Nasser, Nicolas Vanthuyne, J. A. Gareth

- Williams, Fabienne Berrée, Bertrand Carboni, Jeanne Crassous
Helv. Chim. Acta 2019, 102, e1900044
DOI: 10.1002/hlca.201900044
666. **Halogen bonding interactions in sulfur-rich π -electron acceptor**
Yann Le Gal, Colas Adrian, Frédéric Barrière, Vincent Dorcet, Thierry Roisnel, Dominique Lorcy
CrystEngComm (2019), 21(12), 1934-1939
DOI: 10.1039/c8ce02046a
665. **Crystal structure, phase transitions, optical and electrical properties in a new Cu-halide organic-inorganic hybrid**
Ines Ben Hadj Sadok, Fadhel Hajlaoui, Karim Karoui, Nathalie Audebrand, Thierry Roisnel, Nabil Zouari
Journal of Molecular Structure 1186 (2019) 118-126
DOI: 10.1016/j.molstruc.2019.03.025
664. **Synthesis and physic-chemical properties of a novel chromate compound with potential biological applications, bis(2-phenylethylammonium) chromate(VI)**
Sonia Trabelsi, Nouredine Issaoui, Silvia A. Brandán, Fehmi Bardak, Thierry Roisnel, Ahmet Atac, Houda Marouani
Journal of Molecular Structure 1185 (2019) 168-182
DOI: 10.1016/j.molstruc.2019.02.106
663. **Synthesis, Structures and Chemistry of the Metallaboranes of Group 4-9 with M_2B_5 Core having a Cross Cluster M-M Bond**
Ranjit Bag, Suvam Saha, Rosmita Borthakur, Bijan Mondal, Thierry Roisnel, Vincent Dorcet, Jean-François Halet, Sundargopal Ghosh
Inorganics 2019, 7(3), 27
DOI: 10.3390/inorganics7030027
662. **Formal Synthesis of (-)-Perhydrohistrionicotoxin Through Anodic Cyanation and Thorpe-Ziegler Annulation as Key Steps**
Hurvois Jean-Pierre, Bouvry Christelle, Roisnel Thierry, Golhen Stéphane, Vu Van Ha
Eur. J. Org. Chem. 2019, 1215-1224
DOI: 10.1002/ejoc.201801604
661. **Convenient access to C10- and C11-(di)arylated dibenzo[b,f]azepines via palladium-catalyzed C-H bond Cleavages**
Li Haoran, Roisnel Thierry, Soulé Jean-François, Doucet Henri
Adv. Synth. Catal. 2019, 361, 791-802
DOI: 10.1002/adsc.201801366
660. **Ru-Catalyzed Selective C-H Bond Hydroxylation of Cyclic Imides**
Yuan Yu-Chao, Bruneau Christian, Dorcet Vincent, Roisnel Thierry, Gramage-Doria Rafael
J. Org. Chem., 2019, 84 (4), pp 1898-1907
DOI: 10.1021/acs.joc.8b02899
659. **Modulation of emission properties of phosphine-sulfonate ligand containing copper complexes: playing with solvato-, thermo-, and mechanochromism**
Vacher Antoine, Amar Anissa, Camerel Franck, Molard Yann, Latouche Camille, Roisnel Thierry, Dorcet Vincent, Boucekkine Abdou, Akdas-Kilig Huriye, Achard Mathieu
Dalton Trans., 2019,48, 2128-2134
DOI: 10.1039/c8dt04502j

658. **Binuclear Schiff-base zinc(II) complexes: Synthesis, crystal structures and reactivity toward ring opening polymerization of rac-lactide**
Gonzalez Dario M., Cisterna Jonathan Brito Ivan, Roisnel Thierry, Hamon Jean-René, Manzur Carolina
Polyhedron 162 (2019), 91-99
DOI: 10.1016/j.poly.2019.01.043
657. **Highly soluble Fe(III)-triethanolamine complex relevant for redox flow batteries**
Aurore Lê, Didier Floner, Thierry Roisnel, Olivier Cador, Léa Chancelier, Florence Geneste
Electrochimica Acta (2019), 301, 472-477
DOI: 10.1016/j.electacta.2019.02.017
656. **Use of Single Metal Fragments for Cluster Building: Synthesis, Structure and Bonding of Heterometallaboranes**
Mondal Bijan, Bag Ranjit, Roisnel Thierry, Ghosh Sundargopal
Inorganic Chemistry (2019), 58(4), 2744-2754
DOI: 10.1021/acs.inorgchem.8b03329
655. **Harvesting New Chiral Phosphotriesters by Phosphorylation of BINOL and Parent Bisphenols**
Alphonsine Ngo Ndimba, Thierry Roisnel, Gilles Argouarch, Claudia Lalli
Synthesis 2019, 51(04), 865-873
DOI: 10.1055/s-0037-1611295
654. **Access to 3-(2-Oxoalkyl)-azaspiro[4.5]trienones via Acid-Triggered Oxidative Cascade Reactions through Alkenyl Peroxide Radical Intermediate**
Chang-Sheng Wang, Thierry Roisnel, Pierre Dixneuf, Jean-François Soulé
Advanced Synthesis & Catalysis 2019, 361, 445-450
DOI: 10.1002/adsc.201801203
653. **π -extended phosphepines: redox and optically active P-heterocycles with non-planar framework**
Delouche Thomas, Mocanu Anabella, Roisnel Thierry, Szücs Rózsa, Jacques Emmanuel, Benkő Zoltán, Nyulászi László, Bouit Pierre-Antoine, Hissler Muriel
Organic Letters (2019), 21(3), 802-806
DOI: 10.1021/acs.orglett.8b04064
652. **A new family of lanthanide based coordination polymers with azoxybenzene 3,3',5,5' tetracarboxylic acid as ligand**
Jinzeng Wang, Carole Daiguebonne, Yan Suffren, Thierry Roisnel, Stéphane Freslon, Guillaume Calvez, Kevin Bernot, Olivier Guillou
Inorganica Chimica Acta 488 (2019) 208-213
DOI: 10.1016/j.ica.2019.01.023
651. **Synthesis, crystal structures, second harmonic generation response and temperature phase transitions of two noncentrosymmetric Cu(II)-hybrid halides compounds: [(R) - C₇H₁₆N₂][CuX₄](X = Cl or Br)**
Hajlaoui Fadhel, Hadj Sadok, Ines Ben, Aeshah H. Alamri, Audebrand Nathalie, Roisnel Thierry, Zouari Nabil
Journal of Molecular Structure (2019), 1182, 47-53
DOI: 10.1016/j.molstruc.2019.01.035
650. **Phosphine-free Pincer Cobalt Catalyst Precursors for the Selective Hydrogenation of Olefins**

- Pim Puylaert, Andrea Dellacqua, Fatima Elouahabi, Anke Spannenberg, Thierry Roisnel, Laurent Lefort, Sandra Hinze, Sergey Tin, Johannes de Vries
Catal. Sci. Technol., 2019,9, 61-64
DOI: 10.1039/c8cy02218f
649. **Base-free dehydrogenation of aqueous and neat formic acid with Iridium(III)Cp* (dipyridylamine) catalysts**
Shengdong Wang, Haiyun Huang, Thierry Roisnel, Christian Bruneau, Cédric Fischmeister
ChemSusChem 2019, 12, 179-184
DOI: 10.1002/cssc.201802275
648. **A Supramolecular Palladium Catalyst Displaying Substrate Selectivity by Remote Control**
R. Gramage-Doria, Paolo Zardi, Thierry Roisnel
Chem. Eur. J. 2019, 25, 627-634
DOI: 10.1002/chem.201804543
647. **Catalyst-Controlled Regiodivergent C-H Arylation Site of Fluorinated 2-Arylpyridine Derivatives: Application to Luminescent Iridium(III) complexes**
Boyaala Rabab, Touzani Rachid, Roisnel Thierry, Dorcet Vincent, Caytan Elsa, Jacquemin Denis, Boixel Julien, Guerchais Véronique, Doucet Henri, Soulé Jean-François
ACS Catal., 2019, 9, pp 1320-1328
DOI: 10.1021/acscatal.8b04553
646. **Synthesis, optical and redox properties of regioisomeric benzoheterocycles-fused pyrene**
Mocanu Anabella, Szucs Rozsa, Caytan Elsa, Roisnel Thierry, Dorcet Vincent, Bouit Pierre-Antoine, Nyulaszi Laszlo, Hissler Muriel
Journal of Organic Chemistry (2019), 84(2), 957-962
DOI: 10.1021/acs.joc.8b02884
645. **Crystal structure, spectroscopic and biological study of a new hybrid compound inorganic-organics $[Cd_4Cl_{12}(H_2O)_2]_n(C_{10}N_4H_{28})_n$**
Hachani Aroussia, Dridi Imen, Elleuch Slim, Roisnel Thierry, Kefi Riadh
Inorganic Chemistry Communications (2019), 100, 134-143
DOI: 10.1016/j.inoche.2018.12.006
644. **Crystal structure, optical and electrical properties of metal-halide compound $[C_7H_{16}N_2][ZnCl_4]$**
Ben Hadj Sadok Ines, Hajlaoui Fadhel, Karoui Karim, Audebrand Nathalie, Roisnel Thierry, Zouari Nabil
Journal of Physics and Chemistry of Solids (2019), 129, 71-80
DOI: 10.1016/j.jpcs.2018.12.039
643. **Lanthanide Based Coordination Polymers With 1,4 Carboxyphenylboronic Ligand: Multi Emissive Compounds For Multi Sensitive Luminescent Thermometric Probes.**
Ahmad Abdallah, Stéphane Freslon, Xiao Fan, Amandine Rojo, Carole Daiguebonne, Yan Sufren, Kevin Bernot, Guillaume Calvez, Thierry Roisnel and Olivier Guillou
Inorganic Chemistry (2019), 58(1), 462-475
DOI: 10.1021/acs.inorgchem.8b02681
642. **Preparation of new gem-difluoro heterocyclic-fused 1,2,3-triazole derivatives**
Rene Grée, Loyal Hariss, Zeinab Barakat, Fares Fares, Thierry Roisnel, Ali Hachem
Tetrahedron Letters 60 (2019) 292-296
DOI: 10.1016/j.tetlet.2018.12.032

641. **Ionic organic-inorganic $(C_6H_{10}N_2)(Hg_2Cl_5)_2 \cdot 3H_2O$ compound: Structural study, Hirshfeld surface, thermal behavior and spectroscopic studies**
Ben Saad Imen, Hannachi Najeh, Roisnel Thierry, Hlel Faouzi
Journal of Molecular Structure 1178 (2019) 201-211
DOI: 10.1016/j.molstruc.2018.09.076

640. **Cationic versus anionic Pt complex: The performance analysis of a hybrid-capacitor, DFT calculation and electrochemical properties**
Mitat Akkoç, Serkan Demirel, Erdiñç Öz, Serdar Altin, Ali Bayri, Vincent Dorcet, Thierry Roisnel, Christian Bruneau, Ismail Özdemir, Sedar Yaşar
Polyhedron Volume 157, 1 January 2019, Pages 434-441
DOI: 10.1016/j.poly.2018.10.033

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639. **Ruthenium-catalyzed C-H Bond Heteroarylation of Triazoles Enabled by a Deconvolution Strategy**
Rafael Gramage-Doria, Thierry Roisnel
Eur. J. Org. Chem. 2018, 6083-6087
DOI: 10.1002/ejoc.201800843

638. **Synthesis, structures, electrochemical and quantum chemical investigations of Ni(II) and Cu(II) complexes with a tetradentate Schiff base derived from 1-(2-thienyl)-1,3-butanedione**
Ahumada Guillermo, Oyarce Jocelyn, Roisnel Thierry, Kahlal Samia, del Valle Maria Angelica, Carrillo David, Saillard Jean-Yves, Hamon Jean-René, Manzur Carolina
New Journal of Chemistry 2018, 42, 19294
DOI: 10.1039/c8nj04923h

637. **Homoleptic Co(II), Ni(II), Cu(II), and Zn(II) complexes based on 8-hydroxylquinoline Schiff base derivative: a combined synthetic, spectral, structural, and magnetic study**
Deborah Francisca Gonzalez, Ramón Francisco Arrúe, Edison Javier Matamala-Cea, Rodrigo Sebastian Arancibia, Paul Hamon, Olivier Cadot, Thierry Roisnel, Jean-René Hamon, Néstor Alonso Novoa Serrano
Eur. J. Inorg. Chem. 2018, 4720-4730
DOI: 10.1002/ejic.201801160

636. **Ferroceneboronic acid and its derivatives: synthesis, boron substituents effects and reactivity in directed C-H bond activation**
Erb William, Hurvois Jean-Pierre, Roisnel Thierry, Dorcet Vincent
Organometallics (2018), 37(21), 3780-3790
DOI: 10.1021/acs.organomet.8b00501

635. **Synthesis and reactions of pyranobenzimidazole-2-thiones from dehydroacetic acid**
Kaoua Rachedine, Bennamane Norah, Le Gal Yann, Balegroune Fadela, Roisnel Thierry, Lorcy Dominique, Nedjar-Kolli Bellara
Indian Journal of Heterocyclic Chemistry (2017), 27(3), 319-326
DOI:

634. **From quinoxaline, pyrido[2,3-b]pyrazine and pyrido[3,4-b]pyrazine to pyrazino-fused carbazoles and carbolines**
Frédéric Lassagne, Timothy Langlais, Elsa Caytan, Emmanuelle Limanton, Ludovic Paquin, Manon Boullard, Coline Courtel, Idriss Curbet, Clément Gédéon, Julien Lebreton, Laurent Picot, Valérie Thiéry, Mohamed Souab, Blandine Baratte, Sandrine Ruchaud, Stéphane Bach, Thierry Roisnel and Florence Mongin
Molecules 2018, 23, 2961
DOI: 10.3390/molecules23112961
633. **Design, synthesis and characterization of novel chromone copper(II) antitumor drug entities with N,N-donor ligands: DNA/RNA binding studies and cytotoxicity**
Farukh Arjmand, Zeenat Afsan, Thierry Roisnel
RSC Advances, 2018, 8, 37375 - 37390
DOI: 10.1039/c8ra06722h
632. **New Organic-inorganic of $(C_6H_{10}N_2)(Hg_2Cl_5)_2 \cdot 3H_2O$ compound investigations: Structural study, Hirshfeld surface, thermal behavior and spectroscopic studies**
Ben Saad Imen, Hannachi Najeh, Roisnel Thierry, Hlel Faouzi
Journal of Molecular Structure 1178 (2018) 201-211
DOI: 10.1016/j.molstruc.2018.09.076
631. **Helicenes grafted with 1,1,4,4-tetracyanobutadiene moieties: π -helical push-pull systems with strong electronic circular dichroism and two-photon absorption**
Romain Bouvier, Raphaël Durand, Ludovic Favereau, Monika Srebro-Hooper, Vincent Dorcet, Thierry Roisnel, Nicolas Vanthuyne, Yuly Vesga, Julie Donnelly, Florencio Hernandez, Jochen Autschbach, Yann Trolez, Jeanne Crassous
Chemistry - A European Journal (2018), 24(54), 14484-14494
DOI: 10.1002/chem.201802763
630. **2,4-Distyryl- and 2,4,6-tristyrylpyrimidines: Synthesis and photophysical properties**
Michaela Fecková, Pascal le Poul, Françoise Robin-le Guen, Thierry Roisnel, Oldřich Pytela, Milan Klikar, Filip Bureš and Sylvain Achelle
Journal of Organic Chemistry (2018), 83(19), 11712-11726
DOI: 10.1021/acs.joc.8b01653
629. **Quinoxaline as Integrated Directing Group in Palladium-Catalyzed Ortho C-H Bond Arylation of the Aryl Unit of 2-Arylquinoxalines**
Idris Imane, Derridj Fazia, Roisnel Thierry, Doucet Henri, Soulé Jean-François
New Journal of Chemistry (2018), 42(19), 16036-16039
DOI: 10.1039/c8nj02713g
628. **Selective mono N-methylation of anilines with methanol catalyzed by rhenium complexes: an experimental and theoretical study**
Duo Wei, Omar Sadek, Vincent Dorcet, Thierry Roisnel, Christophe Darcel, Emmanuel Gras, Eric Clot and Jean-Baptiste Sortais
Journal of Catalysis 366 (2018) 300-309
DOI: 10.1016/j.jcat.2018.08.008
627. **Synthesis, Molecular structure, Photophysical Properties and Spectroscopic Characterization of New 1D-Magnesium (II) Porphyrin-Based Coordination Polymer**
Amiri N., Hajji M., Roisnel T., Simonneaux G., Nasri H.
Research on Chemical Intermediates (2018) 44(9), 5583-5595
DOI: 10.1007/s11164-018-3442-9

626. **Low-Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes**
Erwann Le Coz, Vincent Dorcet, Thierry Roisnel, Sven Tobisch, Jean-François Carpentier, Yann Sarazin
Angewandte Chemie, International Edition (2018), 57(36), 11747-11751
DOI: 10.1002/anie.201807297
625. **Functionalization of oxazolo[4,5-*b*]pyrazines by deprotometallation**
Niels Bisballe, Madani Hedidi, Charles S. Demmer, Floris Chevallier, Thierry Roisnel, Vincent Dorcet, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Ghenia Bentabed-Ababsa, Lennart Buch and Florence Mongin
Eur. J. Org. Chem. 2018, 3904-3913
DOI: 10.1002/ejoc.201800481
624. **Chalcogenolato-Bridged Dinuclear Half Sandwich Complexes of Ruthenium and Iridium**
Benson Joseph, Koushik Saha, Rini Prakash, Chandan Nandi, Thierry Roisnel
Inorganica Chimica Acta 483 (2018) 106-110
DOI: 10.1016/j.ica.2018.08.005
623. **A general approach to various 5- and 6-membered gem-difluoroheterocycles: Application to the synthesis of sedamine fluorinated analogues**
Layal Hariss, Rima Ibrahim, Nada Jaber, Thierry Roisnel, René Grée and Ali Hachem
Eur. J. Org. Chem. 2018, 3782-3791
DOI: 10.1002/ejoc.201800371
622. **Mono- and diplatinum polyynediyl complexes as potential push-pull chromophores: synthesis, characterization, TD-DFT modeling, photophysical and NLO properties**
Sébastien Gauthier, Ariel Porter, Sylvain Achelle, Thierry Roisnel, Vincent Dorcet, Alberto Barsella, Nicolas Le Poul, Patricia Guevara Level, Denis Jacquemin and Françoise Robin-Le Guen
Organometallics (2018), 37(14), 2232-2244
DOI: 10.1021/acs.organomet.8b00223
621. **Fluoro- and Chloroferrocene: From 2- to 3-substituted Derivatives**
Mehdi Tazi, Madani Hedidi, William Erb, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Thierry Roisnel, Vincent Dorcet, Ghenia Bentabed-Ababsa and Florence Mongin
Organometallics (2018), 37(14), 2207-22118
DOI: 10.1021/acs.organomet.8b00384
620. **Physico-chemical characterization, Hirshfeld surface analysis and opto-electric properties of a new hybrid material: Tris (2-amino-5-chloropyridinium) hexachlorobismuthate(III)**
Zeineb Ouerghi, Thierry Roisnel, Ramzi Fezai and Riadh Kefi
Journal of Molecular Structure (2018), 1173, 439-447
DOI: 10.1016/j.molstruc.2018.05.084
619. **Synthesis and structural characterization of a diruthenium pentalene complex, [Cp**Ru*(Cp**Ru*)₂B₆H₁₄(Cp**Ru*)]**
Joseph Benson, Barik Subrat Kumar, Sinha Soumya Kumar, Roisnel Thierry, Ghosh Sundargopal
Journal of Chemical Sciences (2018), 130(7), 1-9
DOI: 10.1007/s12039-018-1479-3
618. **Diphenylamino-substituted tristyril vs. triphenyl isocyanurates: improved conjugation has minimal impact on two-photon absorption**

- Amédée Triadon, Nicolas Richy, Anissa Amar, Abdou Boucekkine, Thierry Roisnel, Marie P. Cifuentes, Mark G. Humphrey, Mireille Blanchard-Desce, Olivier Mongin, and Frédéric Paul
New J. Chem., 2018,42, 11289-11293
DOI: 10.1039/c8nj01904e
617. **Synthesis, molecular structure, vibrational and theoretical studies of a new non-centrosymmetric organic sulphate with promising NLO proprieties**
Cherifa Ben M'leh, Silvia Antonia Brandan, Noureddine Issaoui, Thierry Roisnel, Houda Marouani
Journal of Molecular Structure, 1171 (2018) 771-785
DOI: 10.1016/j.molstruc.2018.06.041
616. **Photochromic DTE-Substituted-1,3-di(2-pyridyl)benzene Platinum(II) Complexes: Photo-modulation of Luminescence and Second-order Nonlinear Optical Properties**
Zhao Hong, Garoni Eleonora, Roisnel Thierry, Colombo Alessia, Dragonetti Claudia, Marinotto Daniele, Righetto Stefania, Roberto Dominique, Jacquemin Denis, Boixel Julien, Guerchais Véronique
Inorganic Chemistry (2018), 57(12), 7051-7063
DOI: 10.1021/acs.inorgchem.8b00733
615. **Novel Co(II), Ni(II) and Cu(II) complexes involving a 2-thienyl and trifluoromethyl containing symmetrically-substituted tetradentate Schiff-base ligand: Syntheses, structures, electrochemical and computational studies**
Ahumada Guillermo, Fuentealba Mauricio, Roisnel Thierry, Kahlal Samia, Carrillo David, Cordova Ricardo, Saillard Jean-Yves, Hamon Jean-René, Manzur Carolina
Polyhedron 151 (2018), 279-286
DOI: 10.1016/j.poly.2018.05.048
614. **Stable metallic state of a neutral radical single-component conductor at ambient pressure**
Le Gal Yann, Roisnel Thierry, Auban-Senzier Pascale, Bellec Nathalie, Íñiguez Jorge, Canadell Enric, Lorcy Dominique
Journal of the American Chemical Society (2018), 140(22), 6998-7004
DOI: 10.1021/jacs.8b03714
613. **Chemistry of Triple-Decker Sandwich Complexes Containing Four-Membered Open B_2E_2 Rings (E = S or Se)**
Joseph Benson, Barik Subrat Kumar, Ramalakshmi Rongala, Kundu Gargi, Roisnel Thierry, Dorcet Vincent, Ghosh Sundargopal
European Journal of Inorganic Chemistry 2018, 2045-2053
DOI: 10.1002/ejic.201800371
612. **Synthesis and characterization of diruthenaborane analogues of pentaborane(11) and hexaborane(10)**
Joseph Benson, Gomosta Suman, Barik Subrat Kumar, Sinha Soumya Kumar, Roisnel Thierry, Dorcet Vincent, Halet Jean-François, Ghosh Sundargopal
Journal of Organometallic Chemistry (2018), 865, 29-36
DOI: 10.1016/j.jorganchem.2017.12.011
611. **Stable lead(II) boroxides**
Adrian Somesan, Erwann Le Coz, Thierry Roisnel, Cristian Silvestru, Yann Sarazin
Chemical Communications (2018), 54(42), 5299-5302
DOI: 10.1039/c8cc02459f
610. **Investigation of potential hybrid capacitor property of chelated N-Heterocyclic carbene Ruthenium(II) complex**

- Mitat Akkoç, Erdinc Öz, Serkan Demirel, Vincent Dorcet, Thierry Roisnel, Ali Bayri, Christian Bruneau, Serdar Altin, Sedat Yaşar, Ismail Özdemir
Journal of Organometallic Chemistry, 866 (2018) 214-222
DOI: 10.1016/j.jorganchem.2018.04.035
609. **Heterodinuclear Zn(II)-Fe(III) and Homodinuclear M(II)-M(II) [M = Zn and Ni] Complexes of a Bicompartamental [N₆O] Ligand as Synthetic Mimics of the Hydrolase Family of Enzymes**
Pathak Chandni, Kumar Dharmendra, Gangwar Manoj Kumar, Mhatre Darshan, Roisnel Thierry, Ghosh Prasenjit
Journal of Inorganic Biochemistry 185 (2018) 30-42
DOI: 10.1016/j.jinorgbio.2018.04.018
608. **Metal (Hg, Pt, Ru) bisalkynyl bridge between tetrathiafulvalene electrophores and electronic interplay**
Auffray Morgan, Vacher Antoine, Roisnel Thierry, Lorcy Dominique
Inorganics (2018), 6(2), 43/1-43/12
DOI: 10.3390/inorganics6020043
607. **Rhenium and manganese complexes bearing amino-bis(phosphinite) ligands: synthesis, characterization and catalytic activity in hydrogenation**
Haoran Li, Duo Wei, Antoine Bruneau-Voisine, Maxime Ducamp, Mickaël Henrion, Thierry Roisnel, Vincent Dorcet, Christophe Darcel, Jean-François Carpentier, Jean-François Soulé and Jean-Baptiste Sortais
Organometallics (2018), 37(8), 1271-1279
DOI: 10.1021/acs.organomet.8b00020
606. **Heterometallic boride clusters: synthesis and characterization of butterfly and square pyramidal boride clusters**
Bag Ranjit, Mondal Bijan, Bakthavachalam K., Roisnel Thierry, Ghosh Sundargopal
Pure and Applied Chemistry (2018), 90(4), 665-675
DOI: 10.1515/pac-2017-1001
605. **Synthesis, crystal structure, catalytic dimerization and S-H insertion of new porphyrin diazoketones**
Carrié Daniel, Roisnel Thierry, Simonneaux Gérard
Journal of Molecular Structure 1165 (2018) 101-105
DOI: 10.1016/j.molstruc.2018.03.108
604. **Trans to cis photo-isomerization in merocyanine dysprosium and yttrium complexes**
Pramila Selvanathan, Vincent Dorcet, Thierry Roisnel, Kévin Bernot, Gang Huang, Boris Le Guennic, Lucie Norel and Stéphane Rigaut
Dalton Trans., 2018,47, 4139-4148
DOI: 10.1039/C8DT00299A
603. **A Versatile and Highly Z-Selective Olefin Metathesis Ruthenium Catalyst Based on a Readily Accessible N-Heterocyclic Carbene**
Dumas Adrien, Tarrieu Robert, Vives Thomas, Roisnel Thierry, Dorcet Vincent, Baslé Olivier, Mauduit Marc
ACS Catal., 2018, 8, pp 3257-3262
DOI: 10.1021/acscatal.8b00151
602. **2-Aminophenones, a common precursor to N-aryl isatins and acridines endowed with bioactivities**

- Nahida Mokhtari Brikci-Nigassa, Ghenia Bentabed-Ababsa, William Erb, Floris Chevallier, Laurent Picot, Lucille Vitek, Audrey Fleury, Valérie Thiéry, Mohamed Souab, Thomas Robert, Sandrine Ruchaud, Stéphane Bach, Thierry Roisnel, Florence Mongin
Tetrahedron 74 (2018) 1785-1801
DOI: 10.1016/j.tet.2018.02.038
601. **Insights into the Structure of Triethylammonium bis(pyridine-2,6-dicarboxylato-iron(III)): Crystallographic and Theoretical Study**
Karima Benhamed, Boulanouar Messaoudi, Samira Louhibi, Roisnel Thierry, Leila Boukli-Hacene
Molecular Crystals and Liquid Crystals, 2018, 658:1, 140-152
DOI: 10.1080/15421406.2017.1405667
600. **Asymmetric synthesis of trans-4,5-disubstituted γ -butyrolactones involving a key allylboration step. First access to (-)-nicotlactone B and (-)-galbacin**
Sylvain Henrion, Aurélie Macé, Margarita M. Vallejos, Thierry Roisnel, Bertrand Carboni, José Villalgordo and François Carreaux
Organic & Biomolecular Chemistry (2018), 16(10), 1672-1678
DOI: 10.1039/c8ob00101d
599. **Preliminary Structure-Activity Relationship (SAR) of a novel series of pyrazole SKF-96365 analogues as potential Store-Operated Calcium Entry (SOCE) inhibitors**
Camille D. Dago, Paul Le Maux, Thierry Roisnel, Christophe Brigaudeau, Yves-Alain Bekro, Olivier Mignen and Jean-Pierre Bazureau
Int. J. Mol. Sci. 2018, 19, 856
DOI: 10.3390/ijms19030856
598. **Hydrogenation of carbonyl derivatives catalysed by manganese complexes bearing bidentate pyridinyl-phosphine ligands**
Duo Wei, Antoine Bruneau-Voisine, Téo Chauvin, Vincent Dorcet, Thierry Roisnel, Dmitry Valyaev, Noël Lugan, and Jean-Baptiste Sortais
Adv. Synth. Catal. 2018, 360, 676-681
DOI: 10.1002/adsc.201701115
597. **Application of the Curtius rearrangement to the synthesis of 1'-aminoferrocene-1-carboxylic acid derivatives**
Erb William, Levanen Gael, Roisnel Thierry, Dorcet Vincent
New Journal of Chemistry (2018), 42(5), 3808-3818
DOI: 10.1039/c7nj05020h
596. **Palladium-Catalyzed Cross-Coupling/Annulation Cascade for Synthesis of 9-Hydroxy and 9-Aminofluorenes**
François Benjamin, Szczubelek Luc, Berrée Fabienne, Roisnel Thierry, Carboni Bertrand
Adv. Synth. Catal. 2018, 360, 235-241
DOI: 10.1002/adsc.201701146
595. **New cobalt(II) coordination polymer based on carboxyphenyl-tpy ligand: Photoluminescence, crystal structures and magnetic properties, without orbital contribution**
Dominique Toledo, Octavio Peña, Thierry Roisnel, Jean-Yves Pivan, Yanko Moreno
Journal of Coordination Chemistry (2018), vol. 71, 22-34
DOI: 10.1080/00958972.2018.1425800
594. **A dihydrodinaphthaloheptacene**
Cyril Poriel, Maxime Romain, Cassandre Quinton, Thierry Roisnel, Emmanuel Jacques, Joëlle

Rault-Berthelot

Journal of Organic Chemistry (2018), 83(4), 1891-1897

DOI: 10.1021/acs.joc.7b02834

593. **Synthesis and Characterization of p-Xylylenediaminium bis(nitrate). Effects of the Coordination Modes of Nitrate Groups on Their Structural and Vibrational properties**
S. Gatfaoui, N. Issaoui, Silvia Antonia Brandan, T. Roisnel, H. Marouani
Journal of Molecular Structure 1151 (2018) 152-168
DOI: 10.1016/j.molstruc.2017.09.027
592. **Synthesis of mono- and di-arylated acenaphthylenes and programmed access to dibenzo[j,l] fluoranthenes via palladium-catalyzed C-H bond functionalization**
Shi Xinzhe, Roisnel Thierry, Soulé Jean-François, Doucet Henri
Org. Chem. Front., 2018,5, 398-408
DOI: 10.1039/c7qo00799j
591. **Ruthenium(II)-Catalyzed C-H (Hetero)Arylation of Alkenylic 1,n-Diazines (n = 2, 3 and 4): Scope, Mechanism and Application in Tandem Hydrogenations**
Gramage-Doria Rafael, Achelle Sylvain, Bruneau Christian, Robin-le Guen Françoise, Dorcet Vincent, Roisnel Thierry
Journal of Organic Chemistry (2018), 83(3), 1462-1477
DOI: 10.1021/acs.joc.7b03024
590. **Synthesis and Structural Characterization of Zirconium Complexes Supported by Tridentate Pyrrolide-Imino Ligands with Pendant N-, O- and S-donor Groups and Their Application in Ethylene Polymerization**
A. C. Pinheiro, S. M. da Silva, T. Roisnel, E. Kirillov, J.-F. Carpentier and Osvaldo L. Casagrande
New Journal of Chemistry, 2018, 42, 1477 - 1483
DOI: 10.1039/c7nj04074a
589. **Synthesis of Carbo[6]Helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates**
Hellou Nora, Macé Aurélie, Martin Clothilde, Dorcet Vincent, Roisnel Thierry, Jean Marion, Vanthuyn Nicolas, Berrée Fabienne, Carboni Bertrand, Crassous Jeanne
Journal of Organic Chemistry (2018), 83(1), 484-490
DOI: 10.1021/acs.joc.7b02619
588. **A combined experimental and theoretical study of the thermal [3+2] cycloaddition of carbonyl ylides with activated alkenes**
Samira Hamza-Reguig, Ghenia Bentabed-Ababsa, Luis R. Domingo, Mar Ríos-Gutiérrez, Raphaël E. Duval, Sandrine Ruchaud, Stéphane Bach, Thierry Roisnel and Florence Mongin
Journal of Molecular Structure (2018), 1157, 276-287
DOI: 10.1016/j.molstruc.2017.12.052
587. **Controlling the Emission in Flexibly-Linked (N[^]C[^]N) Platinum Dyads**
Garoni Eleonora, Boixel Julien, Dorcet Vincent, Roisnel Thierry, Roberto Dominique, Jacquemin Denis, Guerchais Véronique
Dalton Transactions (2018), 47(1), 224-232
DOI: 10.1039/c7dt03695g
586. **2D Polymeric cadmium(II) complexes containing 1,3-imidazolidine-2-thione (Imt) ligand, [Cd(Imt)(H₂O)₂(SO₄)]_n and [Cd(Imt)₂(N₃)₂]_n**
Rashid Mahmood, Saeed Ahmad, Mohammed Fettouhi, Thierry Roisnel, Mazhar Amjad Gilani, Kashif Mehmood, Ghulam Murtaza, Anvarhusein A.Isab

Journal of Molecular Structure (2018), 1156, 235-242
DOI: 10.1016/j.molstruc.2017.11.067

585. **Octahedral bis(2-thenoyltrifluoroacetato)-ethylenediamine Co(II), Ni(II) and Cu(II) complexes: synthetic, structural, electrochemical, and theoretical studies**
Guillermo Ahumada, Thierry Roisnel, Samia Kahlal, David Carrillo, Ricardo Córdova, Jean-Yves Saillard, Carolina Manzur
Inorganica Chimica Acta 470 (2018), 221-231
DOI: 10.1016/j.ica.2017.04.050
584. **Two novel magnesium(II) meso-tetraphenylporphyrin-based coordination complexes: Syntheses, combined experimental and theoretical structures elucidation, spectroscopy, photophysical properties and antibacterial activity**
Nesrine Amiri, Melek Hajji, Fadia Ben Taheur, Sylviane Chevreux, Thierry Roisnel, Gilles Lemerrier, Habib Nasri
Journal of Solid State Chemistry, 258 (2018), 477-487
DOI: 10.1016/j.jssc.2017.11.018
583. **The (oxo)[(2,3,7,8,12,13,17,18-octachloro-5,10,15,20-tetrakis(4-tolylporphyrinato))] vanadium(IV): Synthesis, UV-visible, Cyclic voltammetry and X-ray crystal structure**
Mchiri Chadlia, Amiri Nesrine, Jabli Souhir, Roisnel Thierry, Nasri Habib
Journal of Molecular Structure (2018), 1154, 51-58
DOI: 10.1016/j.molstruc.2017.10.032
582. **Synthesis and characterization of p-xylylenediaminium bis(nitrate). Effects of the coordination modes of nitrate groups on their structural and vibrational properties**
Gatfaoui S., Issaoui N., Brandan Silvia Antonia, Roisnel T., Marouani H.
Journal of Molecular Structure (2018), 1151, 152-168
DOI: 10.1016/j.molstruc.2017.09.027
581. **Conformational behavior, redox and spectroscopic properties of gold dithiolene complexes: [Au(*i*Pr – thiazYdt)₂] – 1(Y = O, S, Se)**
Agathe Filatre-Furcate, Frédéric Barrière, Thierry Roisnel, Olivier Jeannin, Dominique Lorcy
Inorganica Chimica Acta, 469(1) 2018, Pages 255-263
DOI: 10.1016/j.ica.2017.09.050
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[2017]

580. **Synthesis and Reactions of Pyranobenzimidazole-2-thiones from Dehydroacetic Acid**
R. Kaoua, N. Bennamane, Y. Le Gal, F. Balegroune, T. Roisnel, D. Lorcy, B. Nedjar-Kolli
Indian Journal of Heterocyclic Chemistry, 2017, 27 (3), pp.319-325
DOI:
579. **Controlling the emission in flexibly-linked (C^NC) platinum dyads**
E. Garoni, J. Boixel, V. Dorcet, T. Roisnel, D. Roberto, D. Jacquemin, V. Guerschais
Dalton Transactions, Royal Society of Chemistry, 2017, 47, pp.224-232
DOI: 10.1039/c7dt03695g
578. **Insights into the structure of triethylammoniumbis(pyridine-2,6-dicarboxylato-iron(III)): Crystallographic and theoretical study**

- Karima Benhamed, Boulanouar Messaoudi, Samiri Louihibi, Thierry Roisnel, Leila Boukli-Hacene
Molecular Crystals and Liquid Crystals, 2017, 658 (1), pp.140-152
DOI: 10.1080/15421406.2017.1405667
577. **Tren-Capped Hexaphyrin Zinc Complexes : Interplaying Molecular Recognition, Möbius Aromaticity and Chirality**
Ruffin Hervé, Nyame Mendendy Boussambe Gildas, Roisnel Thierry, Dorcet Vincent, Boitrel Bernard, Le Gac Stéphane
J. Am. Chem. Soc., 2017, 139 (39), pp 13847-13857
DOI: 10.1021/jacs.7b07559
576. **An efficient method for the synthesis of boratrane complexes of late transition metals**
Saha Koushik, Ramalakshmi Rongala, Borthakur Rosmita, Gomosta Suman, Pathak Kriti, Dorcet Vincent, Roisnel Thierry, Halet Jean-François, Ghosh Sundargopal
Chemistry - A European Journal (2017), 23(72), 18264-18275
DOI: 10.1002/chem.201704332
575. **N-Heterocyclic Carbene Iron Silyl Hydride Complexes**
S. Quintero-Duque, H. Li, L. C. Misal Castro, V. Dorcet, T. Roisnel, E. Clot, M. Grellier, J. B. Sortais, C. Darcel
Israel Journal of Chemistry (2017), 57(12), 1216-1221
DOI: 10.1002/ijch.201700122
574. **From 2- to 3-Substituted Ferrocene Carboxamides or How to Apply Halogen 'dance' to the Ferrocene Series**
Mehdi Tazi, William Erb, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Thierry Roisnel, Vincent Dorcet and Florence Mongin
Organometallics (2017), 36(24), 4770-4778
DOI: 10.1021/acs.organomet.7b00659
573. **Palladium-Catalyzed Cross-Coupling/Annulation Cascade for Synthesis of 9-Hydroxy and 9-Aminofluorenes**
François Benjamin, Szczubelek Luc, Berrée Fabienne, Roisnel Thierry, Carboni Bertrand
Adv. Synth. Catal. 2017, 359, 1-8
DOI: 10.1002/adsc.201701146
572. **Synthesis of 2-Pyridinemethyl Ester Derivatives from Aldehydes and 2-Alkylheterocycle N-Oxides via Copper-Catalyzed Tandem Oxidative Coupling - Rearrangement**
Wang Chang-Sheng, Roisnel Thierry, Dixneuf Pierre, Soulé Jean-François
Organic Letters (2017), 19(24), 6720-6723
DOI: 10.1021/acs.orglett.7b03446
571. **Structural diversity in pseudohalide complexes of cadmium(II) with N-methylthiourea (Metu): Polymeric $[Cd(Metu)_2(NCS)_2]_n$ versus monomeric $[Cd(Metu)_2(CN)_2]$**
Saeed Ahmad, Mohammed Fettouhi, Thierry Roisnel, Mshari A. Alotaibi, Abdulrahman I. Alharthi, Muhammad Riaz Malik, Irshad Ahmad, Anvarhusien A. Isab
Journal of Coordination Chemistry, Volume 70, 2017 - Issue 21, p. 3692-3701
DOI: 10.1080/00958972.2017.1398824
570. **Effect of the partial substitution of sulfur by selenium on the atomic arrangement in sulfate and selenate based compounds**
Ines Kadri, Houcine Naili, Thierry Roisnel, Walid Rekik
Chemical Papers, 2017 vol. 71, Issue 11, pp 2063-2073
DOI: 10.1007/s11696-017-0199-3

569. **Unmasking Amides: Ruthenium-Catalyzed Protodecarbonylation of N-Substituted Phthalimide Derivatives**
Yuan Yu-Chao, Kamaraj Raghu, Bruneau Christian, Labasque Thierry, Roisnel Thierry, Gramage-Doria Rafael
Organic Letters (2017), 19(23), 6404-6407
DOI: 10.1021/acs.orglett.7b03278
568. **Ruthenium Carbon-Rich Group as Redox Switchable Metal Coupling Units in Linear Trinuclear Complexes**
Di Piazza Emmanuel, Boileau Corentin, Vacher Antoine, Merahi Khalissa, Norel Lucie, Costuas Karine, Roisnel Thierry, Choua Sylvie, Turek Philippe, Rigaut Stéphane
Inorganic Chemistry (2017), 56(23), 14540-14555
DOI: 10.1021/acs.inorgchem.7b02288
567. **Electronic Interplay between TTF and extended-TCNQ Electrophores along a Ruthenium Bis(acetylide) Linker**
Antoine Vacher, Morgane Auffray, Frédéric Barrière, Thierry Roisnel, Dominique Lorcy
Organic Letters (2017), 19(22), 6060-6063
DOI: 10.1021/acs.orglett.7b02818
566. **Subtle Steric Differences Impact the Structural and Conducting Properties of Radical Gold Bis(dithiolene) Complexes**
Dominique Marie Lorcy, Thierry Roisnel, Marc Fourmigué, Olivier Jeannin, Nathalie Bellec, Pascale Auban-Senzier, Agathe Filatre-Furcate
Chemistry - A European Journal (2017), 23(63), 16004-16013
DOI: 10.1002/chem.201703172
565. **Tethered cationic alkaline earth - olefin complexes**
Rosca Sorin-Claudiu, Dorcet Vincent, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Dalton Transactions (2017), 46(43), 14785-14794
DOI: 10.1039/c7dt03300a
564. **Fused systems based on 2-aminopyrimidines: synthesis combining deprotolithiation-in situ zincation with N-arylation reactions and biological properties**
Madani Hedidi, Julien Maillard, William Erb, Frédéric Lassagne, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Thierry Roisnel, Vincent Dorcet, Monzer Hamzé, Ziad Fajloun, Blandine Baratte, Sandrine Ruchaud, Stéphane Bach, Ghenia Bentabed-Ababsa and Florence Mongin
Eur. J. Org. Chem. 2017, 5903-5915
DOI: 10.1002/ejoc.201701004
563. **Preparation of imidazo[1,2-a]-N-heterocyclic derivatives with gem-difluorinated side chains**
Layal Hariss, Kamal Bou Hadir, Mirvat El-Masri, Thierry Roisnel, René Grée, Ali Hachem
Beilstein J. Org. Chem. 2017, 13, 2115-2121
DOI: 10.3762/bjoc.13.208
562. **Synthesis and structural characterization of trithiocarbonate complexes of molybdenum and ruthenium derived from CS₂ ligand**
Ramalakshmi Rongala, Roisnel Thierry, Dorcet Vincent, Halet Jean-François, Ghosh Sundar-gopal
Journal of Organometallic Chemistry (2017), Volumes 849-850, 1 November 2017, Pages 256-260
DOI: 10.1016/j.jorganchem.2017.03.027

561. **Ferrocenecarboxylic anhydride - identification of a new polymorph**
Mehdi Tazi, Thierry Roisnel, Florence Mongin and William Erb
Acta Cryst. (2017) C73, 760-766
DOI: 10.1107/S205322961701124X
560. **Synthesis of *N*-aryl and -heteroaryl γ -, δ - and ϵ -lactams using deprotometalation-iodination and *N*-arylation and properties thereof**
Rim Amara, Ghenia Bentabed-Ababsa, Madani Hedidi, Joseph Khoury, Haçan Awad, Ekhlass Nassare, Thierry Roisnel, Vincent Dorcet, Floris Chevallier, Ziad Fajlound, and Florence Mongin
Synthesis (2017), 49, 4500-4516
DOI: 10.1055/s-0036-1590798
559. **Spectroscopic, structural, electrochemical and computational studies of some new 2-Thienyl-containing β -diketonate complexes of cobalt(II), nickel(II) and copper(II)**
Guillermo Ahumada, Mauricio Fuentealba, Thierry Roisnel, Samia Kahlal, Ricardo Córdova, David Carrillo, Jean-Yves Saillard, Jean-René Hamon, Carolina Manzur
Journal of Molecular Structure 1150C (2017) pp. 531-539
DOI: 10.1016/j.molstruc.2017.09.018
558. **[*Fp***Fc*][*PF*₆]: A Remarkable Non-symmetric dinuclear Cation in a Very Stable Mixed-Valent State**
Argouarch Gilles, Grelaud Guillaume, Roisnel Thierry, Humphrey Mark G., Paul Frédéric
Journal of Organometallic Chemistry 847C (2017) pp. 218-223
DOI: 10.1016/j.jorganchem.2017.04.038
557. **Synthesis, structural and spectroscopic features, and investigation of bioactive nature of a novel organic-inorganic hybrid material 1H-1,2,4-triazole-4-ium trioxonitrate**
Gatfaoui Sofian, Issaoui Noureddine, Mezni Ali, Bardak Fehmi, Roisnel Thierry, Atac Ahmet, Marouani Houda
Journal of Molecular Structure, 1150 (2017) 242-257
DOI: 10.1016/j.molstruc.2017.08.092
556. **Chemical and physical characterizations of the *n*=1 Ruddlesden-Popper phases: *Nd*_{2-*y*}*Sr*_{*y*}*Ni*_{1-*x*}*Co*_{*x*}*O*_{4 δ} (*y* = 1 and 0.1 \leq *x* \leq 0.9)**
Hanan Chaker, Imen Raies, Ameer Chouket, Thierry Roisnel, Rached Ben Hassen
Ionics (2017), 23(9), 2229-2240
DOI: 10.1007/s11581-017-2167-x
555. **Synthesis, Structure and Chemistry of Mono and Digallane Complexes Supported by *N,O*-Ketimine Ligand**
Bakthavachalam Kirubakaran, Yuvaraj Kuppusamy, Raghavendra Beesam, Dorcet Vincent, Roisnel Thierry, Rit Arnab, Ghosh Sundargopal
ChemistrySelect (2017), 2(24), 7450-7454
DOI: 10.1002/slct.201701634
554. **Phosphine-Pyridonate Ligands Containing Octahedral Ruthenium Complexes : Access to Esters and Formic Acid**
Sahoo Apurba Ranjan, Jiang Fan, Bruneau Christian, Gangavaram Sharma, Surisetti Suresh, Roisnel Thierry, Dorcet Vincent, Achard Mathieu
Catalysis Science & Technology (2017), 7(16), 3492-3498
DOI: 10.1039/c7cy00932a
553. **Efficient Iridium Catalysts for Base-Free Hydrogenation of Levulinic Acid**
Wang S., Huang H., Dorcet V., Roisnel T., Bruneau C., Fischmeister C.

Organometallics (2017), 36(16), 3152-3162
DOI: 10.1021/acs.organomet.7b00503

552. **Design, Synthesis and Chemistry of Bis(σ)borate and Agostic Complexes of Group-7 Metals**
Koushik Saha, Rongala Ramalakshmi, Suman Gomosta, Kriti Pathak, Vincent Dorcet, Thierry Roisnel, Jean-François Halet, and Sundargopal Ghosh
Chem. Eur. J. 2017, 23, 9812 - 9820
DOI: 10.1002/chem.201701423
551. **An Efficient Protocol for Palladium N-Heterocyclic Carbene-Catalysed Suzuki-Miyaura Reaction at room temperature**
Mitat Akkoç, Fatma İymik, Sedat Yaşar, Vincent Dorcet, Thierry Roisnel, Christian Bruneau and İysmail Özdemir
ChemistrySelect 2017, 2, 5729-5734
DOI: 10.1002/slct.201701354
550. **One-step synthesis of conjugated enynenitriles from bromocyanoacetylene**
Ligny Romain, Gauthier Etienne S., Yanez Manuel, Roisnel Thierry, Guillemin Jean-Claude, Trolez Yann
Organic & Biomolecular Chemistry (2017), 6050-6056
DOI: 10.1039/C6OB02590K
549. **Structural analysis of a dimeric trinuclear zinc(II) complex based on a preorganized yet flexible strap porphyrin**
Najjari Btissam, Roisnel Thierry, Boitrel Bernard
Journal of Porphyrins and Phthalocyanines (2017), 21(3), 198-204
DOI: 10.1142/S1088424617500316
548. **Iron Strap Porphyrins with Carboxylic Acid Groups Hanging Over the Coordination Site: Synthesis, X-ray Characterization, and Dioxygen Binding**
Boitrel Bernard, Hijazi Ismail, Roisnel Thierry, Oohora Koji, Hayashi Takashi
Inorganic Chemistry (2017), 56(13), 7373-7383
DOI: 10.1021/acs.inorgchem.7b00343
547. **Transfer hydrogenation of carbonyl derivatives catalyzed by an inexpensive phosphine-free manganese precatalyst**
Antoine Bruneau-Voisine, Ding Wang, Vincent Dorcet, Thierry Roisnel, Christophe Darcel, Jean-Baptiste Sortais
Organic Letters (2017), 19(13), 3656-3659
DOI: 10.1021/acs.orglett.7b01657
546. **Ruthenium complexes bearing amino-bis(phosphinite) or amino-bis(aminophosphine) ligands: Application in catalytic ester hydrogenation**
Mickaël Henrion, Thierry Roisnel, Jean-Luc Couturier, Jean-Luc Dubois, Jean-Baptiste Sortais, Christophe Darcel, Jean-François Carpentier
Molecular Catalysis 432, 2017, 15-22
DOI: 10.1016/j.mcat.2017.01.025
545. **Synthesis and catalytic applications of palladium N-heterocyclic carbene complexes as efficient pre-catalysts for Suzuki-Miyaura and Sonogashira coupling reactions**
L. Boubakri, S. Yaşar, V. Dorcet, T. Roisnel, C. Bruneau, N. Hamdi and I. Ozdemir
New Journal of Chemistry (2017), 41(12), 5105-5113
DOI: 10.1039/C7NJ00488E

544. **Synthesis, Characterisation and Catalytic Use of Iron Porphyrin Amino Ester Conjugates**
Gallo Emma, Carminati Daniela, Intriери Daniela, Le Gac Stéphane, Roisnel Thierry, Boitrel Bernard, Toma Lucio, Legnani Laura
New Journal of Chemistry (2017), 41(13), 5950-5959
DOI: 10.1039/c7nj01189j
543. **Reactivity of functionalized ynamides with tetracyanoethylene: scope, limitations and opto-electronic properties of the adducts**
Marie Betou, Raphaël J. Durand, Antoine Sallustrau, Claire Gousset, Erwann Le Coz, Yann Leroux, Loïc Toupet, Elzbieta Trzop, Thierry Roisnel, Yann Trolez
Chem. Asian J. 2017, 12, 1338 -1346
DOI: 10.1002/asia.201700353
542. **Synthesis of Metathesis Catalysts with Fluorinated Unsymmetrical N,N'-Diaryl Imidazoline-based NHC ligands**
Masoud Salekh M., Topchiy Maxim A., Peregudov Alexander S., Roisnel Thierry, Dixneuf Pierre H., Bruneau Christian, Osipov Sergey N.
Journal of Fluorine Chemistry 200 (2017) 66-76
DOI: 10.1016/j.jfluchem.2017.06.004
541. **Pure phosphotriesters as versatile ligands in transition metal catalysis: efficient hydrosilylation of ketones and diethylzinc addition to aldehydes**
Bouhachicha Mehdi, Ngo Ndimba Alphonsine, Roisnel Thierry, Lalli Claudia, Argouarch Gilles
New J. Chem., 2017, 41, 4767-4770
DOI: 10.1039/c7nj00566k
540. **Comparative study on structural, magnetic and spectroscopic properties of four new copper(II) coordination polymers with 4'-substituted terpyridine ligands**
Dominique Toledo, Andres Vega, Nancy Pizarro, Ricardo Baggio, Octavio Peña, Thierry Roisnel, Jean-Yves Pivan
Journal of Solid State Chemistry (2017), 253, 78-88
DOI: 10.1016/j.jssc.2017.05.017
539. **Unusual trinuclear complex of copper (II) containing a 4'-(3-methyl-2-thienyl)-4,2':6',4"-terpyridine ligand. Structural, spectroscopic, electrochemical and magnetic properties**
Dominique Toledo, Guillermo Ahumada, Carolina Manzur, Thierry Roisnel, Octavio Peña, Jean-René Hamon, Jean-Yves Pivan, Yanko Moreno
Journal of Molecular Structure 1146 (2017) 213-221
DOI: 10.1016/j.molstruc.2017.05.108
538. **Synthesis, spectroscopic characterizations, cyclic voltammetry investigation and molecular structure of the high-spin manganese(III) trichloroacetato meso-tetraphenylporphyrin and meso-tetra-(para-bromophenyl) porphyrin complexes**
Harhoury Wafa, Dhifaoui Selma, Denden Zouhour, Roisnel Thierry, Blanchard Florent, Nasri Habib
Polyhedron (2017), 130, 127-135
DOI: 10.1016/j.poly.2017.04.008
537. **An Unprecedented Family of Luminescent Iridium(III) Complexes Bearing A six-Membered Chelated Tridentate C^NC Ligand**
Claus Hierlinger, Thierry Roisnel, David B. Cordes, Alexandra M. Z. Slawin, Denis Jacquemin, Véronique Guerchais, Eli Zysman-Colman
Inorganic Chemistry (2017), 56(9), 5182-5188
DOI: 10.1021/acs.inorgchem.7b00328

536. **Ring-expanded iridium and rhodium *N*-heterocyclic carbene complexes: A comparative DFT study of heterocycle ring size and metal center diversity**
Karaca E. O., Akkoc M., Oz E., Altin S., Dorcet V., Roisnel T., Gurbuz N., Celik O., Bayri A., Bruneau C., Yaşar S., Ozdemir I.
Journal of Coordination Chemistry (2017), 70(7), 1270-1284
DOI: 10.1080/00958972.2017.1287906
535. **Second-Order NLO Active Heterotrimetallic Schiff Base Metallopolymer**
Celedon Salvador, Roisnel Thierry, Ledoux-Rak Isabelle, Hamon Jean-René, Carrillo David, Manzur Carolina
Journal of Inorganic and Organometallic Polymers and Materials (2017), 27(3), 795-804
DOI: 10.1007/s10904-017-0524-x
534. **π Ligands in Alkaline Earth Complexes**
Rosca Sorin-Claudiu, Caytan Elsa, Dorcet Vincent, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Organometallics (2017), 36(7), 1269-1277
DOI: 10.1021/acs.organomet.7b00006
533. **A series of chiral metal-organic frameworks based on fluorene di- and tetra-carboxylates: syntheses, crystal structures and luminescence properties**
Robin Julien, Audebrand Nathalie, Poriel Cyril, Canivet Jérôme, Calvez Guillaume, Roisnel Thierry, Dorcet Vincent, Roussel Pascal
CrystEngComm, 2017, 19, 2042 - 2056
DOI: 10.1039/C7CE00108H
532. **Une surstructure de α - Ge, type diamant, induite par un dopage d'antimoine**
Adrian Gomez Herrero, Lamia Hammoudi, Mohammed Kars, Thierry Roisnel and Otero-Diaz L. Carlos
Acta Cryst. (2017) E73, 654-657
DOI: 10.1107/S2056989017004996
531. **Synthesis, characterization, Hirshfeld surface analysis and antioxidant activity of a novel organic-inorganic hybrid material 1-methylpiperazine-1,4-dium bis(nitrate)**
Sofian Gatfaoui, Ali Mezni, Thierry Roisnel, Houda Marouani
Journal of Molecular Structure (2017), 1139, 52-59
DOI: 10.1016/j.molstruc.2017.03.028
530. **Conformationally dynamic titanium and zirconium cationic complexes of bis(naphthoxy) pyridine ligands: structure, "oscillation" and olefin polymerization Catalysis**
Liana Annunziata, Thierry Roisnel, Abbas Razavi, Jean-François Carpentier, Evgueny Kirillov
Dalton Transactions (2017), 46(10), 3150-3159
DOI: 10.1039/c6dt04680k
529. **Cadmium complexes bearing $Me_2N^+E^-O^-$ (E = S, Se) organochalcogenolates and their zinc and mercury analogues**
Pop Alexandra, Bellini Clément, Suteu Razvan, Dorcet Vincent, Roisnel Thierry, Carpentier Jean-François, Silvestru Anca, Sarazin Yann
Dalton Transactions (2017), 46(10), 3179-3191
DOI: 10.1039/C7DT00279C
528. **$K + \dots C\pi$ and $K + \dots F$ Non-Covalent Interactions in π -Functionalized Potassium Fluoroalkoxides**
Sorin-Claudiu Roşca, Hanieh Roueindej, Vincent Dorcet, Thierry Roisnel, Jean-François Carpentier, Yann Sarazin

527. **Synthesis of picolinohydrazides and their evaluation as ligands in the zinc-catalyzed hydrosilylation of ketones**
Vita Surzhko, Thierry Roisnel, Barbara Le Grel, Philippe Le Grel, Claudia Lalli and Gilles Argouarch
Tetrahedron Letters 58 (2017) 1343-1347
DOI: 10.1016/j.tetlet.2017.02.062
526. **From $Cs_2Mo_6Cl_{14}$ to $Cs_2Mo_6Cl_{14} \cdot H_2O$ and vice versa: Crystal chemistry investigations**
Norio Saito, Pierric Lemoine, Noée Dumait, Maria Amela-Cortes, Serge Paofai, Thierry Roisnel, Vivian Nassif, Fabien Grasset, Naoki Ohashi, Stéphane Cordier
Journal of Cluster Science (2017), 28(2), 773-798
DOI: 10.1007/s10876-016-1133-5
525. **Chemistry of ruthenium σ -borane complex, $[Cp^*RuCO(\mu-H)BH_2L]$ ($Cp^* = \eta^5-C_5Me_5$; $L = C_7H_4NS_2$) with terminal and internal alkynes: Structural characterization of vinyl hydroborate and vinyl complexes of ruthenium**
Saha Koushik, Joseph Benson, Borthakur Rosmita, Ramalakshmi Rongala, Roisnel Thierry, Ghosh Sundargopal
Polyhedron (2017), 125, 246-252
DOI: 10.1016/j.poly.2017.01.003
524. **Readily Accessible Unsymmetrical Unsaturated 2,6-Diisopropylphenyl-N-Heterocyclic Carbene Ligands. Applications in Enantioselective Catalysis**
Tarrieu Robert, Dumas Adrien, Thongpaen Jompol, Vives Thomas, Roisnel Thierry, Dorcet Vincent, Crévisy Christophe, Baslé Olivier, Mauduit Marc
Journal of Organic Chemistry (2017), 82(4), 1880-1887
DOI: 10.1021/acs.joc.6b02888
523. **Ruthenium and Iridium Dipyridylamine Catalysts for the Efficient Synthesis of γ -Valerolactone by Transfer Hydrogenation of Levulinic Acid**
Wang Shengdong, Dorcet Vincent, Roisnel Thierry, Bruneau Christian, Fischmeister Cédric
Organometallics (2017), 36(3), 708-713
DOI: 10.1021/acs.organomet.6b00895
522. **Synthesis and Crystal Structure of a New 2,6-dimethyl piperazine-1,4-dium Perchlorate Monohydrate: $[C_6H_{16}N_2](ClO_4)_2 \cdot H_2O$**
C. Ben Mleh, T. Roisnel, and H. Marouani
Crystallography Reports, 2017, Vol. 62, No. 2, pp. 246-248
DOI: 10.1134/S1063774517020171
521. **Palladium-catalyzed cross-coupling reactions controlled by non-covalent Zn...N interactions**
Mohamed Kadri, Jingran Hou, Vincent Dorcet, Thierry Roisnel, Lazhar Bechki, Abdellah Miloudi, Christian Bruneau, and Rafael Gramage-Doria
Chem. Eur. J. 2017, 23, 1 - 12
DOI: 10.1002/chem.201604780
520. **Mono-N-methylation of anilines with methanol catalysed by a manganese pincer-complex**
Antoine Bruneau-Voisine, Ding Wang, Vincent Dorcet, Thierry Roisnel, Christophe Darcel, Jean-Baptiste Sortais

Journal of Catalysis, volume 347 (2017), 57-62

DOI: 10.1016/j.jcat.2017.01.004

519. **Synthesis of Novel Fluorinated Benzofurans and Dihydrobenzofurans**
Layal Hariss, Kamal H. Bouhadir, Thierry Roisnel, René Grée and Ali Hachem
Synlett 2017, 28, 195-200
DOI: 10.1055/s-0036-1588623
518. **Hydrogenation of Carbonyl Derivatives with a Well-Defined Rhenium Precatalyst**
Wei Duo, Roisnel Thierry, Darcel Christophe, Clot Eric, Sortais Jean-Baptiste
ChemCatChem (2017), 9(1), 80-83
DOI: 10.1002/cctc.201601141
517. **Hydrogenation of Ketones with a Manganese PN3P Pincer Pre-catalyst**
Antoine Bruneau-Voisine, Ding Wang, Thierry Roisnel, Christophe Darcel, Jean-Baptiste Sortais
Catalysis Communications, 92, 2017, 1-4
DOI: 10.1016/j.catcom.2016.12.017
- [haut]

[2016]

516. **Aluminium, gallium and indium complexes supported by a chiral phenolato-prolinolato dianionic ligand**
Maudoux Nicolas, Tan Eric, Hu Yuya, Roisnel Thierry, Dorcet Vincent, Carpentier Jean-François, Sarazin Yann
Main Group Metal Chemistry (2016), 39(5-6), 131-143
DOI: 10.1515/mgmc-2016-0036
515. **Amino Ether-Phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes**
Ivan V. Basalov, Bo Liu, Thierry Roisnel, Anton V. Cherkasov, Georgy K. Fukin, Jean-François Carpentier, Yann Sarazin and Alexander A. Trifonov
Organometallics, 2016, 35 (19), pp 3261-3271
DOI: 10.1021/acs.organomet.6b00252
514. **Synthesis, Electronic Spectroscopy, Cyclic Voltammetry, Photophysics, Electrical Properties and X-ray Molecular Structures of *meso*-Tetrakis[4-(benzoyloxy)phenyl]porphyrinatozinc(II) Complexes with Aza Ligands**
Soumaya Nasri, Imen Zahou, Ilona Turowska-Tyrk, Thierry Roisnel, Frédérique Loiseau, Eric Saint-Amant, Habib Nasri
Eur. J. Inorg. Chem. 2016, 5004-5019
DOI: 10.1002/ejic.201600575
513. **Chiral 1,2-dithiine as sulfur rich electron acceptor**
Le Gal Yann, Ameline Dorine, Vacher Antoine, Roisnel Thierry, Dorcet Vincent, Lorcy Dominique
New J. Chem., 2016,40, 9930-9935
DOI: 10.1039/C6NJ02292H
512. **Non-conventional Supramolecular Self-Assemblies of Zinc(II)-Salphen Building Blocks**
Groizard Thomas, Khalal Samia, Dorcet Vincent, Roisnel Thierry, Bruneau Christian, Halet

Jean-François, Gramage-Doria Rafael
European Journal of Inorganic Chemistry (2016), 2016(32), 5143-5151
DOI: 10.1002/ejic.201600866

511. **Reactivity of Cyclopentadienyl Transition Metal(II) Complexes with Borate Ligands. Structural Characterization of Toluene-Activated Molybdenum Complex**
[$Cp^*Mo(CO)_2(\eta^3 - CH_2C_6H_5)$]
Rongala Ramalakshmi, Maheswari K., Sharmila Dudekula, Paul Anamika, Roisnel Thierry, Halet J. F., Ghosh Sundargopal
Dalton Transactions (2016), 45(41), 16317-16324
DOI: 10.1039/C6DT02641A
510. **Highly axial magnetic anisotropy in a N_3O_5 dysprosium(III) coordination environment generated by a merocyanine ligand**
Pramila Selvanathan, Gang Huang, Thierry Guizouarn, Thierry Roisnel, Guglielmo Fernandez-Garcia, Federico Totti, Boris Le Guennic, Guillaume Calvez, Kévin Bernot, Lucie Norel and Stéphane Rigaut
Chemistry - A European Journal (2016), 22(43), 15222-15226
DOI: 10.1002/chem.201603439
509. **Anisyl-, aminophenyl-, and naphthylmethylsilatranes revisited**
Wang Yu, Romanovs Vitalijs, Spura Jana, Ignatovica Lubova, Roisnel Thierry, Jouikov Viatcheslav
Chemistry of Heterocyclic Compounds (2016), 52(8), 546-550
DOI: 10.1007/s10593-016-1928-1
508. **Reactivity of CS_2 - Syntheses and Structures of Transition-Metal Species with Dithioformate and Methanedithiolate Ligands**
Rao Chokkapu Eswara, Barik Subrat Kumar, Yuvaraj K., Bakthavachalam K., Roisnel Thierry, Dorcet Vincent, Halet Jean-François, Ghosh Sundargopal
European Journal of Inorganic Chemistry (2016), 2016(30), 4913-4920
DOI: 10.1002/ejic.201600823
507. **Sequential Barium-Catalysed N-H/H-Si Dehydrogenative Cross-Couplings: Cyclodisilazanes versus Linear Oligosilazanes**
Bellini Clément, Roisnel Thierry, Carpentier Jean-François, Tobisch Sven, Sarazin Yann
Chemistry - A European Journal (2016), 22(44), 15733-15743
DOI: 10.1002/chem.201603191
506. **Non-covalently generated 3D supramolecular crystal structure in a new family of hybrid nitrates templated by piperazine: Thermal behavior and in vitro antimicrobial potential**
Ben Hassan Dhouha, Rekik Walid, Otero-de-la Roza Alberto, Ben Mefteh Fedia, Roisnel Thierry, Bataille Thierry, Naili Houcine
Polyhedron (2016), 119, 238-247
DOI: 10.1016/j.poly.2016.08.043
505. **Synthesis, Crystal Structure, Infrared spectroscopy and Hirshfeld Surface Analysis of a New Organic-Inorganic Hybrid Compound: Quinolinium Dihydrogenphosphate**
Cherifa Ben Mleh, Thierry Roisnel, Houda Marouani
J Chem Crystallogr (2016) 46,345-351
DOI: 10.1007/s10870-016-0664-9
504. **Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands**

- Nora Hellou, Claire Jahier-Diallo, Olivier Baslé, Monika Srebro-Hooper, Loïc Toupet, Thierry Roisnel, Elsa Caytan, Christian Roussel, Nicolas Vanthuyne, Jochen Autschbach, Marc Mauduit and Jeanne Crassous
Chem. Commun., 2016,52, 9243-9246
DOI: 10.1039/c6cc04257k
503. **Microstructurally Controlled Polymers of rac-Lactide by Lithium Complexes**
Joëlle Char, Olesia G. Kulyk, Emilie Brulé, Frédéric de Montigny, Vincent Guérineau, Thierry Roisnel, Mathieu J.-L. Tschan, Christophe M. Thomas
C. R. Chimie 19 (2016) 167-172
DOI: 10.1016/j.crci.2015.05.018
502. **Synthesis of N-pyridyl azoles using a deprotometalation-iodolysis-N-arylation sequence and evaluation of their antiproliferative activity in melanoma cells**
Hedidi Madani, Erb William, Bentabed-Ababsa Ghenia, Chevallier Floris, Picot Laurent, Thiery Valérie, Bach Stéphane, Ruchaud Sandrine, Roisnel Thierry, Dorcet Vincent, Mongin Florence
Tetrahedron (2016), 72(41), 6467-6476
DOI: 10.1016/j.tet.2016.08.056
501. **One-Step Ruthenium-Catalysed Transformation of 1,7-Enynes into Strained Bicyclic Amino Esters**
Moulin Solenne, Roisnel Thierry, Derien Sylvie
European Journal of Organic Chemistry (2016), 2016(25), 4311-4314
DOI: 10.1002/ejoc.201600896
500. **Short Synthesis of Sulfur Analogues of Polyaromatic Hydrocarbons (Thio-PAHs) Through Three Palladium-Catalyzed C-H Bond Arylations**
Hagui Wided, Besbes Neji, Srasra Ezzeddine, Roisnel Thierry, Soulé Jean-François, Doucet Henri
Organic Letters (2016), 18(17), 4182-4185
DOI: 10.1021/acs.orglett.6b01735
499. **Synthesis and crystal structure of ((E)-{2-[(E)-(4-hydroxynaphthalen-1-yl)methylidene]hydrazin-1-yl}(methylsulfanyl)methylidene)azanum hydrogen sulfate monohydrate**
Oussama Nehar, Samira Louhibi, Leila Boukli-Hacene and Thierry Roisnel
Acta Cryst. (2016). E72, 1326-1329
DOI: 10.1107/S2056989016013232
498. **Synthesis of Tetrahydroisoquinoline Alkaloids and Related Compounds Through the Alkylation of Anodically Prepared α -Amino nitriles**
Benmekhbi Lotfi, Louafi Fadila, Hurvois Jean-Pierre, Roisnel Thierry
J. Org. Chem. 2016, 81, 6721-6739
DOI: 10.1021/acs.joc.6b01419
497. **Chemical transformation of dithiolene ligands in heteroleptic and homoleptic complexes (M = Ti, Zn, Au)**
Agathe Filatre-Furcate, Thierry Roisnel, Dominique Lorcy
Journal of Organometallic Chemistry (2016), 819, 182-188
DOI: 10.1016/j.jorganchem.2016.06.033
496. **Iron and Ruthenium Alkynyl Complexes with 2-Fluorenyl Groups: Some Linear and Nonlinear Optical Absorption Properties**
Floriane Malvolti, Cédric Rouxel, Guillaume Grelaud, Loïc Toupet, Thierry Roisnel, Adam Barlow, Xinwei Yang, Genmiao Wang, Fazira I. Abdul Razak, Robert Stranger, Marie P. Cifuentes,

Mark G. Humphrey, Olivier Mongin, Mireille Blanchard-Desce, Christine O. Paul-Roth and Frédéric Paul

Eur. J. Inorg. Chem. 2016, 3868-3882

DOI: 10.1002/ejic.201600598

495. **A facile access to new diazepines derivatives: Spectral characterization and crystal structures of 7-(thiophene-2-yl)-5-(trifluoromethyl)-2, 3-dihydro-1H-1,4-diazepine and 2-thiophene-4-trifluoromethyl-1, 5-benzodiazepine**
Guillermo Ahumada, David Carrillo, Carolina Manzur, Mauricio Fuentealba, Thierry Roisnel, Jean-René Hamon
Journal of Molecular Structure 1125 (2016) 781-787
DOI: 10.1016/j.molstruc.2016.07.047
494. **Efficient preparation of multimetallic ONO-based Schiff base complexes of nickel(II) and copper(II)**
Jean-René Hamon, Nestor Novoa, Thierry Roisnel, Vincent Dorcet, Olivier Cador, Carolina Manzur, David Carillo
New J.Chem., 2016,40, 5920-5929
DOI: 10.1039/C6NJ00932H
493. **Side-Chain Metallopolymers Containing Second-Order NLO-Active Bimetallic NiII and PdII Schiff-Base Complexes: Syntheses, Structures, Electrochemical and Computational Studies**
Celedon Salvador, Fuentealba Mauricio, Roisnel Thierry, Ledoux-Rak Isabelle, Hamon Jean-René, Carrillo David, Manzur Carolina
Eur. J. Inorg. Chem. 2016, 3012-3023
DOI: 10.1002/ejic.201600236
492. **Thermal and Near-Infrared Light Induced Spin Crossover in a Mononuclear Iron(II) Complex with a Tetrathiafulvalene-Fused Dipyridophenazine Ligand**
Pointillart Fabrice, Liu Xunshan, Kepenekian Mikael, Le Guennic Boris, Golhen Stéphane, Dorcet Vincent, Roisnel Thierry, Cador Olivier, You Zhonglu, Hauser Jurg, Decurtins Silvio, Ouahab Lahcene, Liu Shi-Xia
Dalton Transactions (2016), 45(28), 11267-11271
DOI: 10.1039/C6DT00920D
491. **Functionalization of pyridyl ketones using deprotolithiation-*in situ* zincation**
Madani Hedidi, William Erb, Frédéric Lassagne, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Floris Chevallier, Thierry Roisnel, Ghenia Bentabed-Ababsab and Florence Mongin
RSC Adv., 2016, 6, 63185-63189
DOI: 10.1039/C6RA11370B
490. **Calcium complexes with imino-phosphinanilido chalcogenide ligands for heterofunctionalisation catalysis**
Anga Srinivas, Carpentier Jean-François, Panda Tarun K., Roisnel Thierry, Sarazin Yann
RSC Advances (2016), 6(63), 57835-57843
DOI: 10.1039/C6RA13117D
489. **Palladium-Catalyzed Regioselective C-H Bond Arylations of Benzoxazoles and Benzothiazoles at the C7 Position**
Abdellaoui Fatma, Youssef Chiraz, Ben Ammar Hamed, Roisnel Thierry, Soulé Jean-François, Doucet Henri
ACS Catalysis (2016), 6(7), 4248-4252
DOI: 10.1021/acscatal.6b00678

488. **Direct synthesis of dicarbonyl PCP-iron hydride complexes and catalytic dehydrogenative borylation of styrene**
Shi Jiang, Samuel Quintero-Duque, Thierry Roisnel, Vincent Dorcet, Mary Grellier, Sylviane Sabo-Etienne, Christophe Darcel and Jean-Baptiste Sortais
Dalton Transactions (2016), 45(27), 11101-11108
DOI: 10.1039/c6dt01149g
487. **Crystal structure of an unknown solvate of (piperazine- κ N){5,10,15,20-tetrakis[4-(benzoyloxy)phenyl]porphyrinato- κ^4 N } zinc**
Soumaya Nasri, Khaireddine Ezzayani, Ilona Turowska-Tyrk, Thierry Roisnel and Habib Nasri
Acta Cryst. (2016). E72, 937-942
DOI: 10.1107/S2056989016009269
486. **Synthesis of 3-substituted indolizidines from amino-ynones derivatives**
Huy-Dinh Vu, Jacques Renault, Thierry Roisnel, Nicolas Gouault, and Philippe Uriac
Tetrahedron Letters 57 (2016) 3036-3038
DOI: 10.1016/j.tetlet.2016.05.108
485. **Stereospecific Synthesis of α -Amino Allylsilane Derivatives Through a [3,3]-Allyl Cyanate Rearrangement. Mild Formation of Functionalized Disiloxanes**
Henrion Sylvain, Carboni Bertrand, Cossío, Fernando, Roisnel Thierry, Villalgorido Jose, Carreaux François
Journal of Organic Chemistry (2016), 81(11), 4633-4644
DOI: 10.1021/acs.joc.6b00505
484. **A sulfur-rich n-electron acceptor derived from 5,5'-bithiazolidinylidene: charge-transfer complex vs. charge-transfer salt**
Yann Le Gal, Mangaiyarkarasi Rajkumar, Antoine Vacher, Vincent Dorcet, Thierry Roisnel, Marc Fourmigué, Frédéric Barrière, Thierry Guizouarn and Dominique Lorcy
CrystEngComm, 2016, 18, 3925-3933
DOI: 10.1039/C6CE00772D
483. **Crystal structure, physico-chemical and catalytic properties of two organic-inorganic hybrid polyoxometallate-based lanthanide complexes**
Ghandour Yassine, ben Khelifa Arbia, Belkhiria Mohamed Salah, Daiguebonne Carole, Freslon Stéphane, Guillou Olivier, Roisnel Thierry
Polyhedron (2016), 115, 1-8
DOI: 10.1016/j.poly.2016.04.041
482. **Conformational changes and chiroptical switching of enantiopure bis-helicenic terpyridine upon Zn^{2+} binding**
Helena Isla, Monika Srebro-Hooper, Marion Jean, Nicolas Vanthuynne, Thierry Roisnel, Jamie L. Lunkley, Gilles Muller, J. A. Gareth Williams, Jochen Autschbach and Jeanne Crassous
Chemical Communications (2016), 52(35), 5932-5935
DOI: 10.1039/c6cc01748g
481. **m-Xylylenediaminium sulfate: crystal structure and Hirshfeld surface analysis**
Afef Guesmi, Sofian Gatfaoui, Thierry Roisnel and Houda Marouani
Acta Cryst. 2016, E72, 776-779
DOI: 10.1107/S2056989016006940
480. **Extending motifs in lithocuprate chemistry: unexpected structural diversity in thiocyanate complexes**
Andrew J. Peel, Madani Hedidi, Ghena Bentabed-Ababsa, Thierry Roisnel, Florence Mongin

- and Andrew E. H. Wheatley
Dalton Transactions (2016), 45(14), 6094-6104
DOI: 10.1039/C5DT03882K
479. **trans-2,5-Dimethylpiperazine-1,4-dium bis(perchlorate) dihydrate: crystal structure and Hirshfeld surface analysis**
Cherifa Ben Mleh, Thierry Roisnel and Houda Marouani
Acta Cryst. (2016) E72, 593-596
DOI: 10.1107/S205698901600520X
478. **Deprotometalation of substituted pyridines and regioselectivity-computed CH acidity relationships**
Madani Hedidi, Ghena Bentabed-Ababsa, Aïcha Derdour, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Floris Chevallier, Thierry Roisnel, Vincent Dorcet, Florence Mongin
Tetrahedron 72 (2016) 2196-2205
DOI: 10.1016/j.tet.2016.03.022
477. **Tandem $C(sp^2)$ -OMe Activation / $C(sp^2)$ - $C(sp^2)$ Coupling in Early Transition Metal Complexes: Models for Late Transition Metal Catalysts**
Radkov Vasily, Roisnel Thierry, Trifonov Alexander, Carpentier Jean-François, Kirillov Evgueni
Journal of the American Chemical Society (2016), 138(13), 4350-4353
DOI: 10.1021/jacs.6b01877
476. **Structure cristalline du composé $Hg_{3-x}Sb_x(S + Se)_{2+x}I_{2-x}$ ($x \sim 0.1$)**
Mohammed Kars, Adrian Gómez Herrero, Thierry Roisnel, Allaoua Rebbah and L. Carlos Otero-Díaz
Acta Cryst. (2016). E72, 304-306
DOI: 10.1107/S2056989016002127
475. **Neutral Copper(I) Complexes Featuring Phosphinesulfonate Chelates**
Fanny Vazart, Paul Savel, Camille Latouche, Vincenzo Barone, Franck Camerel, Thierry Roisnel, Jean-Luc Fillaut, Hurihe Hakdas, Mathieu Achard
Dalton Transactions (2016), 45(15), 6566-6573
DOI: 10.1039/C6DT00593D
474. **Synthesis of Fluorine-Containing Exoalkylidene β -lactams**
Assaad Nasr El Dine, Danielle Grée, Thierry Roisnel, Elsa Caytan, Ali Hachem and René Grée
Eur. J. Org. Chem. 2016, 556-561
DOI: 10.1002/ejoc.201501347
473. **Synthesis, crystal structure, and characterization of a new non-centrosymmetric organic-inorganic hybrid material: $[C_6H_{16}N_2]_2(BiBr_6)NO_3$**
Essid Manel, Roisnel Thierry, Rzaigui Mohamed, Marouani Houda
Monatshfte fuer Chemie, 146(12), 2015, 1959-1965
DOI: 10.1007/s00706-015-1485-9
472. **Discrete Ionic Complexes of Highly Ioselective Zirconocenes. Solution Dynamics, Trimethylaluminum Adducts and Implications in Propylene Polymerization**
Theurkauff Gabriel, Bader Manuela, Marquet Nicolas, Bondon Arnaud, Roisnel Thierry, Guégan Jean-Paul, Amar Anissa, Boucekkine Abdou, Carpentier Jean-François, Kirillov Evgueni
Organometallics (2016), 35(2), 258-276
DOI: 10.1021/acs.organomet.5b00965
471. **Substituted Azafluorenones: Access from Dihalogeno Diaryl Ketones by Palladium-Catalyzed Auto-Tandem Processes and Evaluation of their Antibacterial, Antifungal,**

Antimalarial and Antiproliferative Activities

Nada Marquise, Floris Chevallier, Ekhlhas Nassar, Michel Frédérick, Allison Ledoux, Thierry Roisnel, Vincent Dorcet and Florence Mongin

Tetrahedron 72 (2016) 825-836

DOI: 10.1016/j.tet.2015.12.050

470. **A chiral rhenium complex with predicted high parity violation effects: synthesis, stereochemical characterization by VCD spectroscopy and quantum chemical calculations**
Saleh Nidal, Zrig Samia, Roisnel Thierry, Guy Laure, Bast Radovan, Saue Trond, Darquie Benoit, Crassous Jeanne

arXiv.org, e-Print Archive, Physics (2016), 1-9

DOI:

469. **Synergistic effect of the $TiCl_4/p-TsOH$ promoter system on the Aza-Prins cyclization**
Durel Vianney, Lalli Claudia, Roisnel Thierry, van de Weghe Pierre

Journal of Organic Chemistry (2016), 81(3), 849-859

DOI: 10.1021/acs.joc.5b02342

468. **From protected beta-Hydroxyacylsilanes to New Functionalized Silyl Enol Ethers and Applications in Mukaiyama Aldol Reactions**

Ruiz Johal, Karre Nagaraju, Roisnel Thierry, Chandrasekhar Srivari, Grée René

European Journal of Organic Chemistry (2016), 2016(4), 773-779

DOI: 10.1002/ejoc.201501344

467. **Difluoroboron complexes of functionalized dehydroacetic acid: electrochemical and luminescent properties**

Samira Baaziz, Nathalie Bellec, Yann Legal, Rachedine Kaoua, Franck Camerel, Saleha Bakhta, Bellara Nedjar-Kolli, Thierry Roisnel, Vincent Dorcet, Olivier Jeannin, Dominique Lorcy

Tetrahedron (2016), 72(4), 464-471

DOI: 10.1016/j.tet.2015.11.034

466. **Spontaneous Tl(I)-to-Tl(III) Oxidation in Dynamic Heterobimetallic Hg(II)/Tl(I) Porphyrin Complexes**

Victoria N'Doyom, Lucas Fusaro, Thierry Roisnel, Stéphane Legac, Bernard Boitrel

Chemical Communications (Cambridge, United Kingdom) (2016), 52(3), 517-520

DOI: 10.1039/C5CC07828H

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465. **Synthesis, crystal structure, and characterization of a new non-centrosymmetric organic-inorganic hybrid material: $[CHN](BiBr)NO$**

Essid Manel, Rzaigui Mohamed, Marouani, Houda, Roisnel Thierry

Monatshefte für Chemie - Chemical Monthly, December 2015, Volume 146, Issue 12, pp 1959-1965

DOI: 10.1007/s00706-015-1485-9

464. **Crystal structure of 2-(1H-imidazol-3-ium-4-yl)ethanaminium dichloride, a re-determination**
Louhibi Samira, Belfilali Imene, Boukli-Hacene Leila, Roisnel Thierry

Acta Crystallographica, Section E: Crystallographic Communications (2015), 71(11), o844-o845

DOI: 10.1107/S2056989015018848

463. **Ni(II) Complexes Bearing Pyrrolide-Imine Ligands with Pendant O- and S-donor Groups: Synthesis, Structural Characterization and use in Ethylene Oligomerization**
A. C. Pinheiro, A. H. Virgili, T. Roisnel, E. Kirillov, J.-F. Carpentier and O. L. Casagrande Jr
RSC Adv., 2015, 5, 91524-91531
DOI: 10.1039/C5RA16782E
462. **1,2,4-Triazole-Based N-Heterocyclic Carbene Nickel Complexes - Synthesis and Catalytic Application**
Bheeter Linus P., Wei Duo, Dorcet Vincent, Roisnel Thierry, Ghosh Prasenjit, Sortais Jean-Baptiste, Darcel Christophe
European Journal of Inorganic Chemistry (2015), 2015(31), 5226-5231
DOI: 10.1002/ejic.201500852
461. **Analysis of the electrostatics in DyIII single-molecule magnet: the case study of Dy(Murex)₃**
Jung J., Yi X., Huang G., Calvez G., Daiguebonne C., Guillou O., Cador O., Caneschi A., Roisnel T., Le Guennic B., Bernot K.
Dalton Trans., 2015, 44, 18270-18275
DOI: 10.1039/C5DT03345D
460. **Four-Coordinate Nickel(II) and Copper(II) Complexes Based ONO Tridentate Schiff Base Ligands: Synthesis, Molecular Structure, Electrochemical, Linear and Nonlinear Properties, and Computational Study**
Jean-René Hamon, Nestor Novoa, Thierry Roisnel, Paul Hamon, Samia Kahlal, Carolina Manzur, Ngoangminh, Isabelle Ledoux, Jean-Yves Saillard, David Carillo
Dalton Trans., 2015, 44, 18019-18037
DOI: 10.1039/C5DT02822A
459. **Knolker-Type Iron Complexes Bearing an N-Heterocyclic Carbene Ligand: Synthesis, Characterization, and Catalytic Dehydration of Primary Amides**
Elangovan Saravanakumar, Quintero-Duque Samuel, Dorcet Vincent, Roisnel Thierry, Norel Lucie, Darcel Christophe, Sortais Jean-Baptiste
Organometallics (2015), 34(18), 4521-4528
DOI: 10.1021/acs.organomet.5b00553
458. **Deprotometalation-iodolysis and computed CH acidity of 1,2,3- and 1,2,4-triazoles. Application to the synthesis of resveratrol analogues**
Elisabeth Nagaradja, Ghenia Bentabed-Ababsa, Mathieu Scalabrini, Floris Chevallier, Stéphanie Phillipot, Stéphane Fontanay, Raphaël E. Duval, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Thierry Roisnel and Florence Mongin
Bioorganic & Medicinal Chemistry (2015), 6355-6363
DOI: 10.1016/j.bmc.2015.08.031
457. **Ruthenium(II) and Iridium(III) Complexes Bearing Phosphinepyridonate and Phosphinequinolinolate Chelates**
Jiang Fan, Achard Mathieu, Roisnel Thierry, Dorcet Vincent, Bruneau Christian
European Journal of Inorganic Chemistry (2015), 2015(26), 4312-4317
DOI: 10.1002/ejic.201500765
456. **Gold dithiolene complexes: easy access to 2-alkylthio-thiazolodithiolate complexes**
Filatre-Furcate Agathe, Auban-Senzier Pascale, Fourmigué Marc, Roisnel Thierry, Dorcet Vincent, Lorczy Dominique
Dalton Transactions (2015), 44(35), 15683-15689
DOI: 10.1039/C5DT02534F

455. **Ethylene Oligomerization Promoted By Chromium Complexes Bearing Pyrrolide-Imine-amine/ether Tridentate Ligands**
Pinheiro A. C., Roisnel T., Kirillov E., Carpentier J.-F., Casagrande Osvaldo L.
Dalton Transactions 2015, 44, 16073-16080
DOI: 10.1039/C5DT02025E
454. **Deproto-metalation of N-arylated pyrroles and indoles using a mixed lithium-zinc base and regioselectivity-computed CH acidity relationship**
Mohamed Yacine Ameer Messaoud, Ghenia Bentabed-Ababsa, Madani Hedidi, Aïcha Derchour, Floris Chevallier, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Laurent Picot, Valérie Thiéry, Thierry Roisnel, Vincent Dorcet and Florence Mongin
Beilstein J. Org. Chem. 2015, 11, 1475-1485
DOI: 10.3762/bjoc.11.160
453. **Chiral electron-rich bis(cyclopentadienyl) dithiolene molybdenum complexes**
Le Gal Yann, Roisnel Thierry, Dorcet Vincent, Guizouarn Thierry, Sady Lidia Piekara, Lorcy Dominique
Journal of Organometallic Chemistry (2015), 794, 323-329
DOI: 10.1016/j.jorganchem.2015.07.021
452. **Cyclisation reaction between 3-methylquinoxaline-2-thione and benzaldehydes into 3-benzyl-2-aryl-thieno[2,3-b]quinoxaline promoted by Bronsted acids**
Saoudi Besma, Teniou Abderrahmane, Debache Abdelmadjid, Roisnel Thierry, Soulé Jean-François, Doucet Henri
Comptes Rendus Chimie (2015), 18(8), 808-815
DOI: 10.1016/j.crci.2015.06.003
451. **Synthesis and chemistry of an open-cage cobaltaheteroborane cluster $[(\eta^5-C_5Me_5)Co_2B_2H_2Se_2]$: A combined experimental and theoretical study**
Barik Subrat Kumar, Dorcet Vincent, Roisnel Thierry, Halet Jean-François, Ghosh Sundargopal
Dalton Transactions (2015), 44(32), 14403-14410
DOI: 10.1039/C5DT01511A
450. **Efficient routes towards a series of 5,5'-bithiazolidinylidenes as η -electron acceptors**
Le Gal Y., Ameline D., Bellec N., Vacher A., Roisnel T., Dorcet V., Jeannin O., Lorcy D.
Organic & Biomolecular Chemistry (2015), 13(31), 8479-8486
DOI: 10.1039/C5OB01169H
449. **A Combined Experimental and Theoretical Study of the Ammonium Bifluoride Catalyzed Regioselective Synthesis of Quinoxalines and Pyrido[2,3-b]pyrazines**
Lassagne Frédéric, Chevallier Floris, Roisnel Thierry, Dorcet Vincent, Mongin Florence, Domingo Luis R.
Synthesis (2015), 47(17), 2680-2689
DOI: 10.1055/s-0034-1380678
448. **Cycloruthenation of aryl imines and N-heteroaryl benzenes via C-H bond activation with Ru(II) and acetate partners**
Bin Li, Christophe Darcel, Thierry Roisnel, Pierre H. Dixneuf
Journal of Organometallic Chemistry (2015), 793, 200-209
DOI: 10.1016/j.jorganchem.2015.02.050
447. **Zwitterionic Ni(II) Complexes Bearing Pyrazolyl-Ether-Imidazolium Ligands: Synthesis, Structural Characterization and use in Ethylene Oligomerization**
Ulbrich Ana H. D. P. S., Milani Jorge L. S., Roisnel Thierry, Carpentier Jean-François, Casagrande

- Oswaldo L.
New Journal of Chemistry, 2015, 39, 7234 - 7242
DOI: 10.1039/C5NJ01538C
446. **Reactivity of N-Boc-Protected Amino-Ynones in the Presence of Zinc Chloride: Formation of Acetylenic Cyclic Imines and Their Palladium Complexes**
Huy-Dinh Vu, Jacques Renault, Thierry Roisnel, Clémence Robert, Philippe Jehan, Nicolas Gouault and Philippe Uriac
European Journal of Organic Chemistry (2015), 2015(22), 4868-4875
DOI: 10.1002/ejoc.201500569
445. **Zinc, aluminum and group 3 metal complexes of sterically demanding naphthoxy-pyridine ligands: Synthesis, structure, and use in ROP of racemic lactide and β -butyrolactone**
Chapurina Yulia, Roisnel Thierry, Carpentier Jean-François, Kirillov Evgeny
Inorganica Chimica Acta (2015), 431, 161-175
DOI: 10.1016/j.ica.2014.11.002
444. **In Search for New Bonding Modes of the Methyleneedithiolato Ligand: Novel Tri- and Tetra- metallic Clusters**
Ghosh Sundargopal, Anju R. S., Saha Koushik, Mondal, Bijan, Roisnel Thierry, Halet Jean-François
Dalton Trans., 2015, 44, 11306-11313
DOI: 10.1039/c5dt00179j
443. **Structure vs. ^{119}Sn NMR Chemical Shift in 3-Coordinated Tin(II) Complexes: Experimental Data and Predictive DFT Computations**
Wang Lingfang, Kefalidis Christos, Roisnel Thierry, Sinbandhit Sourisak, Maron Laurent, Carpentier Jean-François, Sarazin Yann
Organometallics (2015), 34(11), 2139-2150
DOI: 10.1021/om5007566
442. **A Combined Experimental and Theoretical Study of the Ammonium-Bifluoride-Catalyzed Regioselective Synthesis of Quinoxalines and Pyrido[2,3-*b*]pyrazines**
Frédéric Lassagne, Floris Chevallier, Thierry Roisnel, Vincent Dorcet, Luis R. Dolingo, Florence Mongin
Synthesis 2015, 47(17), 2680-2689
DOI: 10.1055/s-0034-1380678
441. **Crystal structure of 2-(1H-imidazol-4-yl)ethanaminium chloride**
Belfilali Imene, Yebdri Siham, Louhibi Samira, Boukli-Hacene Leila, Roisnel Thierry
Acta Crystallographica, Section E: Crystallographic Communications (2015), 71(5), o301-o302
DOI: 10.1107/S2056989015006866
440. **Interplay between Organic-Organometallic Electrophores within Bis(cyclopentadienyl)Molybdenum Dithiolene Tetrathiafulvalene Complexes**
Bellec Nathalie, Vacher Antoine, Barriere Frédéric, Xu Zijun, Roisnel Thierry, Lorcy Dominique
Inorganic Chemistry (2015), 54(10), 5013-5020
DOI: 10.1021/acs.inorgchem.5b00632
439. **Electroswitchable Red-NIR luminescence of ionic clustomesogen containing nematic liquid crystalline device**
Marianne Prévot, Maria-Amela Cortes, Suman K. Manna, Stéphane Cordier, Thierry Roisnel, Hervé Folliot, Laurent Dupont, Yann Molard

Journal of Materials Chemistry C: Materials for Optical and Electronic Devices (2015), 3(20), 5152-5161

DOI: 10.1039/C5TC00632E

438. **Study of the histamine copper(II) chloride complex catalytic activity**
Belfilali I., Louhibi S., Mahboub R., Touzani R., El Kadiri S., Roisnel Thierry
Research on Chemical Intermediates (2015) 41:1819-1831
DOI: 10.1007/s11164-013-1314-x
437. **Structure cristalline du composé intermétallique $Ni_{18}Ge_{12}$**
Mohammed Kars, Adrian Gómez Herrero, Thierry Roisnel, Allaoua Rebbah and L. Carlos Otero-Díaz
Acta Cryst. (2015). E71, 318-320
DOI: 10.1107/S2056989015003680
436. **Crystal structure of diaqua[5,10,15,20-tetrakis(4-bromophenyl)porphyrinato- κ^4]magnesium**
Nesrine Amiri, Soumaya Nasri, Thierry Roisnel, Gérard Simonneaux and Habib Nasri
Acta Cryst. (2015) E71, m71-m74
DOI: 10.1107/S2056989015003722
435. **α -Hydroxyallylsilanes as Propionaldehyde Enolate Equivalents and their Use towards Iterative Aldol Reactions**
Ruiz Johal, Murthy Akondi Srirama, Roisnel Thierry, Chandrasekhar Srivari, Grée René
Journal of Organic Chemistry (2015), 80(4), 2364-2375
DOI: 10.1021/acs.joc.5b00031
434. **Metathesis Catalysts with Fluorinated Unsymmetrical NHC Ligands**
Masoud Salekh M., Mailyan Artur K., Dorcet Vincent, Roisnel Thierry, Dixneuf Pierre H., Bruneau Christian, Osipov Sergey N
Organometallics, 2015, 34 (11), pp 2305-2313
DOI: 10.1021/om501077w
433. **Doubly phenoxide-bridged binuclear copper(II) complexes with on tridentate schiff base: Synthesis, structural, magnetic and theoretical studies**
Néstor Novoa, Frédéric Justaud, Paul Hamon, Thierry Roisnel, Olivier Cador, Boris Le Guennic, Carolina Manzur, David Carrillo, Jean-René Hamon
Polyedron 86(2015), 81-88
DOI: 10.1016/j.poly.2014.05.032
432. **Easy and Quantitative Access to Fe(II) and Fe(III) Diarylalkynyl-phosphine Oxides Featuring $[Fe(dppe)Cp^*]$ Endgroups: Terminal P=O Functionality Blocks the Dimerization of the Fe(III) Derivatives**
Tohme Ayham, Charles Hagen, Stéphanie Labouille, Arnaud Bondon, Thierry Roisnel, Carmichael Duncan, Frédéric Paul
Chemical Communications (Cambridge, United Kingdom) (2015), 51(7), 1316-1319
DOI: 10.1039/C4CC08993F
431. **$[(\eta_5-C_5Me_5)Ru]^+$ fragments Ligated to Polyaromatic Hydrocarbons: An Experimental and Computational Approach of Pathways for Haptotropic Migration**
Rioja Matias, Hamon Paul, Roisnel Thierry, Sinbandhit Sourisak, Fuentealba Mauricio, Letelier Karina, Saillard Jean Yves, Vega Andres, Hamon Jean-René
Dalton Transactions 2015, 44, 316-329
DOI: 10.1039/c4dt02736a

430. **Bis(3-phenylpropylammonium) dichromate (VI): Synthesis, crystal structure and spectroscopy studies**

Sonia Trabelsi, Thierry Roisnel and Houda Marouani

Journal of Advances in Chemistry, 11(1), 2015, 3394-3403

DOI:

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[2014]

429. **Lanthanide sensitization with Ruthenium Carbon-Rich Complexes and Redox Commutation of NIR Luminescence**

Norel Lucie, Di Piazza Emmanuel, Feng Min, Vacher Antoine, He Xiaoyan, Roisnel Thierry, Maury Olivier, Rigaut Stéphane

Organometallics, 2014, 33 (18), pp 4824-4835

DOI: 10.1021/om500059d

428. **Potassium and Well-Defined Neutral and Cationic Calcium Fluoroalkoxide Complexes: Structural Features and Reactivity**

Rosca Sorin-Claudiu, Roisnel Thierry, Dorcet Vincent, Carpentier Jean-François, Sarazin Yann

Organometallics 2014, 33(20), 5630-5642

DOI: 10.1021/om500343w

427. **Discrete O-Lactate and β -Alkoxy-butyrate Aluminum Pyridine-Bis(naphtholate) Complexes: Models for Mechanistic Investigations in the Ring-Opening Polymerization of Lactides and β -Lactones**

Klitzke Joice, Roisnel Thierry, Kirillov Evgeny, Casagrande Osvaldo, Carpentier Jean-François

Organometallics 2014, 33(20), 5693-5707

DOI: 10.1021/om401214q

426. **Aluminum, Indium, and Mixed Yttrium-Lithium Complexes Supported by a Chiral Binap-Based Fluorinated Dialkoxide: Structural Features and Heteroselective ROP of Lactide**

Maudoux Nicolas, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann

Organometallics 2014, 33(20), 5740-5748

DOI: 10.1021/om500458g

425. **Synthesis of Chroman-4-ones with gem-difluoroalkyl Side Chains in Position 2**

Assaad Nasr El Dine, Olivier Tasseau, Danielle Grée, Thierry Roisnel, Ali Khalaf, Soha El-Abdallah, Farès Farès, Ali Hachem, René Grée

Synlett 2014, 25, 2451-2454

DOI: 10.1055/s-0034-1378579

424. **Chemistry of Diruthenium Analogue of Pentaborane(9) With Heterocumulenes: Towards Novel Trimetallic Cubane-type Clusters**

Anju R. S., Saha Koushik, Mondal Bijan, Dorcet Vincent, Roisnel Thierry, Halet Jean-François, Ghosh Sundargopal

Inorganic Chemistry (2014), 53(19), 10527-10535

DOI: 10.1021/ic501623f

423. **On the coordination chemistry of organochalcogenolates $R^{NMe_2}E^-$ and $R^{NMe_2}E^{\wedge}O^-$ (E = S, Se) onto lead(II) and lighter divalent tetrel elements**

- Pop Alexandra, Wang Lingfang, Dorcet Vincent, Roisnel Thierry, Carpentier Jean-François, Anca Silvestru D., Sarazin Yann
Dalton Transactions (2014), 43(43), 16459-16474
DOI: 10.1039/C4DT02252A
422. **A Pentanuclear Lead(II) Complex Based on a Strapped Porphyrin with Three Different Coordination Modes**
Boitrel Bernard, Le Gac Stéphane, Furet Eric, Roisnel Thierry, Hizaji Ismail, Halet Jean-François
Inorganic Chemistry 2014, 53, 10660-10666
DOI: 10.1021/ic5017824
421. **Ferromagnetic intermolecular exchange interaction in ethynyl-verdazyl radical crystals**
Merei Areej, Roisnel Thierry, Rigaut Stéphane, Train Cyrille, Norel Lucie
CrystEngComm (2014), 16(42), 9783-9787
DOI: 10.1039/C4CE01437E
420. **iPP-sPP Stereoblocks or Blends? Studies on the Synthesis of Isotactic-Syndiotactic Polypropylene Using Single C1-Symmetric $\{Ph_2C - (Flu)(3 - Me_3Si - Cp)\}ZrR_2$ Metallocene Precatalysts**
Theurkauff Gabriel, Roisnel Thierry, Waassenaar Jeroen, Carpentier Jean-François, Kirillov Evgeny
Macromolecular Chemistry and Physics (2014), 215(21), 2035-2047
DOI: 10.1002/macp.201400338
419. **Main-Chain Oligomers from NiII- and CuII-Centered Unsymmetrical N_2O_2 Schiff-Base Complexes: Synthesis and Spectral, Structural, and Second-Order Nonlinear Optical Properties**
Celedon Salvador, Dorcet Vincent, Roisnel Thierry, Singh Anu, Ledoux-Rak Isabelle, Hamon Jean-René, Carrillo David, Manzur Carolina
European Journal of Inorganic Chemistry (2014), 4984-4993
DOI: 10.1002/ejic.201402469
418. **Proton-Controlled Regioselective Synthesis of $[Cp * (dppe)Fe - C \equiv C - 1 - (\eta^6 - C_{10}H_7)Ru(\eta^5 - Cp)](PF_6)$ and Electron-Driven Haptotropic Rearrangement of the $(\eta^5 - Cp)Ru^+$ Arenophile**
Rim Makhoul, Hiba Sahnoune, Thomas Davin, Samia Kahlal, Vincent Dorcet, Thierry Roisnel, Jean-François Halet, Jean-René Hamon, Claude Lapinte
Organometallics 2014, 33, 4792-4802
DOI: 10.1021/om500047k
417. **Assembly of Platinum Diimine Dithiolate Complexes onto Hydrogen-Terminated Silicon Surfaces**
Gilles Yzambart, Bruno Fabre, Thierry Roisnel, Vincent Vincent, Soraya Ababou-Girard, Cristelle Mériadec, Dominique Lorcy
Organometallics 2014, 33, 4766-4779
DOI: 10.1021/om5000369
416. **Deacetylation of chiral ferrocenyl-containing β -diketons promoted by ethylene diamine: Spectroscopic and structural characterization of the fragmentation products**
Guillermo Ahumada, Juan Pablo Soto, David Carillon, Carolina Manzur, Thierry Roisnel and Jean-René Hamon
Journal of Organometallic Chemistry 770 (2014) 14-20
DOI: 10.1016/j.organicchem.2014.07.019

415. **Synthesis, characterization, and crystal structure of 2',2''-dihydroxy-3,3''-bichalcone and its related chalcone-flavanone and biflavanone analogs**
Escobar Carlos A., Fernandez Williams A., Trujillo Alexander, Santos Juan C., Roisnel Thierry, Fuentealba Mauricio
Tetrahedron Letters (2014), 55(38), 5271-5274
DOI: 10.1016/j.tetlet.2014.07.111
414. **Hydrogen-Bonding Interactions in a Single-Component Molecular Conductor: a Hydroxyethyl-Substituted Radical Gold Dithiolene Complex**
Yann Le Gal, Thierry Roisnel, Pascale Auban-Senzier, Thierry Guizouarn, Dominique Lorcy
Inorganic Chemistry (2014), 53(16), 8755-8761
DOI: 10.1021/ic501437g
413. **From Molecular Wires to Molecular Resistors: TCNE a Class-III / Class-II Mixed-Valence Chemical Switch**
Burgun Alexandre, Ellis Benjamin G., Roisnel Thierry, Skelton Brian W., Bruce Michael I., Lapinte Claude
Organometallics (2014), 33(16), 4209-4219
DOI: 10.1021/om500483y
412. **Neutral and Cationic Alkyl and Amido Group 3 Metal Complexes of Amidine-Amidopyridinate Ligands: Synthesis, Structure, and Polymerization Catalytic Activity**
Rad'kov Vasily, Roisnel Thierry, Trifonov Alexander, Carpentier Jean-François, Kirillov Evgeny
European Journal of Inorganic Chemistry (2014), 2014(25), 4168-4178
DOI: 10.1002/ejic.201402362
411. **A simple hydrated salt with a complex hydrogen-bonding network: tetrakis(5-amino-3-carboxy-4H-1,2,4-triazol-1-ium) hexachloridocadmate(II) tetrahydrate**
Bouchene Rafika, Bouacida Sofiane, Berrah Fadila, Roisnel Thierry
Acta Crystallographica, Section C: Structural Chemistry (2014), 70(7), 672-676
DOI: 10.1107/S20532296140128
410. **Selenophosphine Derivatives with Pendant Electron-Rich $Fe(\kappa^2-dppe)(\eta^5-C_5Me_5)$ $C \equiv C$ -Substituents**
Tohmé Ayham, Sahnoune Hiba, Dorcet Vincent, Roisnel Thierry, Halet Jean-François, Paul Frédéric
Organometallics (2014), 33(13), 3385-3398
DOI: 10.1021/om500211e
409. **Methanesulfonic Acid Mediated Cyclization and Meyer-Schuster Rearrangement of γ -Amino-ynones: Access to Enantiopure Pyrrolidine Exocyclic Vinylogous Amides**
Vu Huy-Dinh, Renault Jacques, Roisnel Thierry, Gouault Nicolas, Uriac Philippe
European Journal of Organic Chemistry (2014), 2014(21), 4506-4514
DOI: 10.1002/ejoc.201402336
408. **Bis(1-methylpiperazine-1,4-dium) di- μ -bromido-bis[tetrabromidobismuthate(III)] dihydrate**
Essid Manel, Roisnel Thierry, Marouani Houda
Acta Crystallographica, Section E: Structure Reports Online (2014), 70(6), m202-m203
DOI: 10.1107/S16005368140098
407. **Bis(4-aminopuridinium) dichromate(VI)**
Sonia Trabelsi, Thierry Roisnel, Hassouna Dhaouadi, Houda Marouani
Acta Cryst. (2014) E70, m263-m264
DOI: 10.1107/S1600536814013579

406. ***trans*-2,5-Dimethylpiperazine-1,4-dium dinitrate**
Sofian Gatfaoui, Thierry Roisnel, Hassouna Dhaouadi, Houda Marouani
Acta Cryst. (2014) E70, o725
DOI: 10.1107/S1600536814012100
405. **Cationic Iron(II) Complexes of the Mixed Cyclopentadienyl (Cp) and the N-heterocyclic Carbene (NHC) Ligands as Effective Precatalysts for the Hydrosilylation of Carbonyl Compounds**
Dharmendra Kumar, A.P. Prakasham, Linus Paulin Bheeter, Jean-Baptiste Sortais, Manoj Gangwar, Thierry Roisnel, Alok Kalita, Christophe Darcel and Prasenjit Ghos
Journal of Organometallic Chemistry (2014), 762, 81-87
DOI: 10.1016/j.jorganchem.2014.03.016
404. **Anisyl and ferrocenyl adducts of methylenepyran-containing β -diketone: Synthesis, spectral, structural, and redox properties**
Néstor Novoa, Thierry Roisnel, Vincent Dorcet, Jean-René Hamon, David Carrillo, Carolina Manzur, Françoise Robin-Le Guen, Nolwenn Cabon
Journal of Organometallic Chemistry 762 (2014) 19-28
DOI: 10.1016/j.jorganchem.2014.03.029
403. **C sp 3[n.63743]H Bond Activation with Trier Metals: Indium and Gallium Zwitterions through Internal Hydride Abstraction in Rigid Salan Ligands**
Maudoux Nicolas, Fang Jian, Roisnel Thierry, Dorcet Vincent, Maron Laurent, Carpentier Jean-François, Sarazin Yann
Chemistry - A European Journal (2014), 20(25), 7706-7717.
DOI: 10.1002/chem.201402358
402. **Synthesis of C,N'-linked bis-heterocycles using a deprotometalation-iodination-N-arylation sequence and evaluation of their antiproliferative activity in melanoma cells**
Hedidi Madani, Bentabed-Ababsa Ghenia, Derdour Aicha, Roisnel Thierry, Dorcet Vincent, Chevallier Floris, Picot Laurent, Thiery Valérie, Mongin Florence
Bioorganic & Medicinal Chemistry 22(2014), 3498-3507
DOI: 10.1016/j.bmc.2014.04.028
401. **Imidazolidinium ferrate complexes: Synthesis and catalytic properties**
Serpil Demir, Yasemin Gökçe, Thierry Roisnel, Jean-Baptiste Sortais, Christophe Darcel, Ismail Özdemir
Comptes Rendus Chimie (2014), 17(6), 541-548
DOI: 10.1016/j.crci.2014.03.015
400. **Hexatriynediyl Chain Spanning Two Cp*(dppe)M Termini (M = Fe, Ru): Evidences for the Dependence of Electronic and Magnetic Couplings on the Relative Orientation of the Termini**
Burgun Alexandre, Gendron Frédéric, Sumbly Christopher, Roisnel Thierry, Cador Olivier, Costuas Karine, Halet Jean-François, Bruce Michael, Lapinte Claude
Organometallics (2014), 33(10), 2613-2627
DOI: 10.1021/om500328y
399. **Deproto-metallation using mixed lithium-zinc and lithium-copper bases and computed CH acidity of 2-substituted quinolines**
Nada Marquise, Guillaume Bretel, Frédéric Lassagne, Floris Chevallier, Thierry Roisnel, Vincent Dorcet, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Philippe C. Gros and Florence Mongin
RSC Advances (2014), 4(38), 19602-19612
DOI: 10.1039/c4ra02583k

398. **Dopaminium nitrate**
Sofian Gatfaoui, Houda Marouani, Thierry Roisnel, Hassouna Dhaouadi
Acta Cryst. (2014), E70, o571-o572
DOI: 10.1107/S1600536814008265
397. **Heterobimetallic Porphyrin Complexes Displaying Triple Dynamics: Coupled Metal Motions Controlled by Constitutional Evolution**
Le Gac Stéphane, Fusaro Luca, Roisnel Thierry, Boitrel Bernard
Journal of the American Chemical Society (2014), 136(18), 6698-6715
DOI: 10.1021/ja501926f
396. **Absorption and Fluorescence Signatures of 1,2,3-Triazole Based Regioisomers : Challenging Compounds for TD-DFT**
Claudine Katan, Paul Savel, Bryan Matthew Wong, Thierry Roisnel, Vincent Dorcet, Jean-Luc Fillaut and Denis Jacquemin
Physical Chemistry Chemical Physics (2014), 16(19), 9064-9073
DOI: 10.1039/c4cp00478g
395. **Redox-active phosphines: synthesis and crystal structures of palladium(ii) complexes of a metallaphosphine in two different oxidation states**
Tohme Ayham, Labouille Stéphanie, Roisnel Thierry, Dorcet Vincent, Carmichael Duncan, Paul Frédéric
Dalton Transactions (2014), 43(19), 7002-7005
DOI: 10.1039/c4dt00455h
394. **Chiral (1,2)-diphenylethylene-salen complexes of triel metals: Coordination patterns and mechanistic considerations in the isoselective ROP of lactide**
Maudoux Nicolas, Roisnel Thierry, Dorcet Vincent, Carpentier Jean-François, Sarazin Yann
Chemistry - A European Journal (2014), 20(20), 6131-6147
DOI: 10.1002/chem.201304788
393. **m-Xylylenediaminium dinitrate**
Sofian Gatfaoui, Hassouna Dhaouadi, Thierry Roisnel, Mohamed Rzaigui and Houda Marouani
Acta Cryst. (2014). E70, o398-o399
DOI: 10.1107/S1600536814004620
392. **Electrochemical Access to 8-(1-Phenyl-ethyl)-1,4-dioxo-8-aza-spiro[4.5]decane-7-carbonitrile. Application to the Asymmetric Syntheses of (+)-Myrtine and Alkaloid (+)-241D**
Vu Van Ha, Louafi Fadila, Girard Nicolas, Marion Ronan, Roisnel Thierry, Dorcet Vincent, Hurvois Jean-Pierre
Journal of Organic Chemistry (2014), 79(8), 3358-3373
DOI: 10.1021/jo500104c
391. **Cd₄As₂Br₃**
Mohammed Kars, Thierry Roisnel, Vincent Dorcet, Alloua Rebbah and L. Carlos Otero-Díaz
Acta Cryst. (2014), E70, i15
DOI: 10.1107/S160053681400395X
390. **Propane-1,2-diammonium chromate(VI)**
Trabelsi Sonia, Essid Manel, Roisnel Thierry, Rzaigui Mohamed, Marouani Houda
Acta Crystallographica, Section E: Structure Reports Online (2014), 70(3), m84-m85
DOI: 10.1107/S1600536814002463
389. **Synthesis, spectroscopic and structural studies of new 2-substituted 4-nitroimidazoles**
Hayette Alliouche, Abdelmalek Bouraiou, Sofiane Bouacida, Mebarek Bahnous, Thierry Roisnel,

- Ali Belfaitah
Letters in Organic Chemistry (2014), 11(3), 174-179
DOI: 10.2174/15701786113106660090
388. **New 5-ylidene rhodanine derivatives based on the dispacamide A model**
Solène Guiheneuf, Ludovic Paquin, François Carreaux, Emilie Durieu, Thierry Roisnel, Laurent Meijer and Jean-Pierre Bazureau
Mol Divers (2014) 18:375-388
DOI: 10.1007/s11030-014-9509-7
387. **Stable divalent germanium, tin and lead amino(ether)-phenolate monomeric complexes: structural features, inclusion heterobimetallic complexes, and ROP catalysis**
Wang Lingfang, Rosca Sorin-Claudiu, Poirier Valentin, Sinbandhit Sourisak, Dorcet Vincent, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Dalton Transactions (2014), 43(11), 4268-4286
DOI: 10.1039/c3dt51681d
386. **Zinc and Cobalt Complexes Based on Tripodal Ligands: Synthesis, Structure and Reactivity toward Lactide**
Mathieu J.-L. Tschan, Jia Guo, Sumesh K. Raman, Emilie Brulé, Thierry Roisnel, Marie-Noelle Rager, Rémi Legay, Guillaume Durieux, Baptiste Rigaud and Christophe M. Thomas
Dalton Trans. 2014, 43, 4550-4564
DOI: 10.1039/c3dt52629a
385. **Diastereoselective Deprotonative Metalation of Chiral Ferrocene Derived Acetals and Esters using Mixed Lithium-Cadmium and Lithium-Zinc Combinations**
Dayaker Gandrath, Sreeshailam Aare, Ramana Venkata, Chevallier Floris, Roisnel Thierry, Komagawa Shinsuke, Takita Ryo, Uchiyama Masanobu, Radha Krishna Palakodety, Mongin Florence
Organometallics, Tetrahedron 70 (2014), 2012-2017
DOI: 10.1016/j.tet.2014.02.010
384. **Redox Modulation of Magnetic Slow Relaxation in a 4f-based Single Molecule Magnet with a 4d Carbon-Rich Ligand**
Norel Lucie, Feng Min, Bernot Kevin, Roisnel Thierry, Guizouarn Thierry, Costuas Karine, Rigaut Stéphane
Inorganic Chemistry (2014), 53(5), 2361-2363
DOI: 10.1021/ic403081y
383. **Deproto-metallation using a mixed lithium-zinc base and computed CH acidity of 1-aryl 1H-benzotriazoles and 1-aryl 1H-indazoles**
Elisabeth Nagaradja, Floris Chevallier, Thierry Roisnel, Vincent Dorcet, Yury S. Halauko, Oleg A. Ivashkevich, Vadim E. Matulis, Florence Mongin
Org. Biomol. Chem., 2014, 12, 1475-1487
DOI: 10.1039/C3OB42380H
382. **Supramolecular ruthenium-alkynyl multicomponent architectures: engineering, photo-physical properties and responsiveness to nitroaromatics**
Gatri Rafik, Ouerfelli Inès, Efrit Mohamed, Serein-Spirau Françoise, Lere-Porte Jean-Pierre, Valvin Pierre, Roisnel Thierry, Bivaud Sébastien, Akdas-Kilig Huriye, Fillaut Jean-Luc
Organometallics (2014), 33(3), 665-676
DOI: 10.1021/om400811z

381. **Redox-active Molecular Wires Derived From Dinuclear Ferrocenyl/Ruthenium(II) Alkynyl Complexes: Synthesis and Covalent Attachment to Hydrogen-Terminated Silicon Surfaces**
Grelaud Guillaume, Gauthier Nicolas, Luo Yun, Paul Frédéric, Fabre Bruno, Barrière Frédéric, Ababou-Girard Soraya, Roisnel Thierry, Humphrey Mark
Journal of Physical Chemistry C (2014), 118(7), 3680-3695
DOI: 10.1021/jp412498t
380. **Enhancement of smectic C mesophase stability by using branched alkyl chains in the auxiliary ligands of luminescent Pt(II) and Pd(II) complexes**
Ilis Monica, Micutz Marin, Dumitrascu Florea, Pasuk Iuliana, Molard Yann, Roisnel Thierry, Circu Viorel
Polyhedron (2014), 69, 31-39
DOI: 10.1016/j.poly.2013.11.015
379. **Unravelling the Crystal Structure of Lanthanide-Murexide Complexes: Use of an Ancient Complexometry Indicator as a Near-Infra-Red Emitting Single-Ion Magnet**
Yi Xiaohui, Bernot Kevin, Le Corre Vincent, Calvez Guillaume, Pointillart Fabrice, Cador Olivier, Le Guennic Boris, Jung Julie, Maury Olivier, Placide Virginie, Guyot Yannick, Roisnel Thierry, Daiguebonne Carole, Guillou Olivier
Chemistry - A European Journal (2014), 20(6), 1569-1576
DOI: 10.1002/chem.201303833
378. **Studies towards 1,3-diol units starting from *syn* β -hydroxy acylsilanes**
Gangireddy PavanKumar Reddy, Akondi Sri Rama Murthy, J. Satyanarayana Reddy, Saibal Das, Thierry Roisnel, Jhillu S. Yadav, Srivari Chandrasekhar and René Grée
Tetrahedron Letters 55 (2014) 365-368
DOI: 10.1016/j.tetlet.2013.11.034
377. **Yttrium- and Aluminum-Bis(phenolate)pyridine Complexes: Catalysts and Model Compounds of the Intermediates for the Stereoselective Ring-Opening Polymerization of racemic Lactide and beta-Butyrolactone**
Klitzke Joice, Roisnel Thierry, Kirillov Evgeny, Casagrande Osvaldo, Carpentier Jean-François
Organometallics (2014), 33(1), 309-321
DOI: 10.1021/om401047r
376. **Luminescent liquid crystalline materials based on palladium(ii) imine derivatives containing the 2-phenylpyridine core**
Micutz Marin, Ilis Monica, Staicu Teodora, Dumitrascu Florea, Pasuk Iuliana, Molard Yann, Roisnel Thierry, Circu Viorel
Dalton Transactions (2014), 43(3), 1151-1161
DOI: 10.1039/c3dt52137k
375. **Metal-induced dimensionality tuning in a series of bipyrimidine-based ligands: a tool to enhance two-photon absorption**
Paul Savel, Huriye Akdas-Kilig, Jean-Pierre Malval, Arnaud Spangenberg, Thierry Roisnel and Jean-Luc Fillaut
Journal of Materials Chemistry C: Materials for Optical and Electronic Devices (2014), 2(2), 295-305
DOI: 10.1039/c3tc31370k
374. **Reaction of 2-aminothiophenol with 2,5-dihydro-2,5-dimethoxyfuran : a facile route to a new dihydrobenzothiazine derivative**
Amani Jaafar, Ali Khalaf, Farès Farès, Danielle Grée, Hassan Abdallah, Thierry Roisnel, René

Grée and Ali Hachem
Mediterr. J. Chem., 2014, 3(2), 831-837
DOI: 10.13171/mjc.3.2.2014.20.04.10
[haut]

[2013]

373. **Magnetic and structural study of unsolvated [Cu(acac)₂], (acac = acetylacetonate)**
Moreno Y., Arrue R., Saavedra R., Pivan J.-Y., Peña O., Roisnel T.
Journal of the Chilean Chemical Society (2013), 58(4), 2122-2124
DOI: 10.4067/S0717-97072013000400049
372. **Molecular and solid state structure of the doubly-substituted B-diketone 3,3'-bis(ferrocenylmethyl)pentane-2,4-dione**
Ahumada Guillermo, Roisnel Thierry, Hamon Jean-René, Carrillo David, Manzur Carolina
Journal of the Chilean Chemical Society (2013), 58(4), 1963-1966
DOI: 10.4067/S0717-97072013000400011
371. **New β -hydroxy acylsilane-derived building blocks and their use for the synthesis of oxygen-containing heterocycles**
Akondi Srirama Murthy, Thierry Roisnel, Srivari Chandrasekhar and René Grée
Synlett (2013), 24(17), 2216-2220
DOI: 10.1055/s-0033-1339796
370. **Poly[bis(μ 2-1,3-phenylenediamine- κ 2 N:N')di- μ -thiocyanato- κ 2 N:S; κ 2 S:N-cadmium]**
Chemli Rakia, Kamoun, Slaheddine, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2013), 69(12), m670-m671
DOI: 10.1107/S1600536813031255
369. **Poly[octaaqua- μ 4-(benzene-1,2,4,5-tetracarboxylate)dicobalt(II) octahydrate]**
Magatte Camara, Modou Tine, Carole Daignebonne, Olivier Guillou and Thierry Roisnel
Acta Crystallographica, Section E: Structure Reports Online (2013), 69(12), m680-m681
DOI: 10.1107/S1600536813031577
368. **Dinuclear vs. Mononuclear Complexes: Accelerated, Metal-dependent Ring-Opening Polymerization of Lactide**
Mickael Normand, Thierry Roisnel, Jean-François Carpentier, Evgueni Kirillov
Chemical Communications (Cambridge, United Kingdom) (2013), 49(99), 11692-11694
DOI: 10.1039/c3cc47572g
367. **A sulfur rich electron acceptor and its [Fe(Cp*)₂]⁺ charge transfer salt with ferromagnetic interactions**
Le Gal Yann, Nathalie Bellec, Marc Fourmigué, Rodolphe Clérac, Roisnel Thierry, Vincent Dorcet, Barrière Frédéric
Dalton Trans., 2013, 42, 16672-16675
DOI: 10.1039/c3dt52725e
366. **Cyclometalated Platinum(II) with Ethynyl-Linked Azobenzene Ligands : an Original Switching Mode**
Savel Paul, Camille Latouche, Thierry Roisnel, Huriye Akdas-Kilig, Abdou Boucekkine and Jean-Luc Fillaut

Dalton Transactions (2013), 42(48), 16773-16783
DOI: 10.1039/C3DT51925B

365. **Kinetic Analysis of the Living Ring-Opening Polymerisation of ϵ -Lactide with Tin(II) Initiators**
Wang Lingfang, Bochmann Manfred, Cannon Roderick D., Carpentier Jean-François, Roisnel Thierry, Sarazin Yann
Eur. J. Inorg. Chem. 2013, 5896-5905
DOI: 10.1002/ejic.201300964
364. **Oxidative Activation of Aryldiynyl-Iron Complexes: Regio-Selective Dimerization**
Burgun Alexandre, Gendron Frédéric, Roisnel Thierry, Sinbandhit Sourisak, Costuas Karine, Halet Jean-François, Bruce Michael, Lapinte Claude
Organometallics 2013, 32, 1866-1875
DOI: 10.1021/om400014g
363. **Palladium-Catalyzed Direct Arylation of Luminescent Bis-Cyclometalated Iridium(III) Complexes Incorporating C \hat{N} - or O \hat{O} Coordinating Thiophene-Based Ligands: an Efficient Method for Color Tuning**
Kassem Beydoun, Moussa Zaarour, J. A. Gareth Williams, Thierry Roisnel, Aurélien Planchat, Abdou Boucekkine, Denis Jacquemin, Henri Doucet, Véronique Guerschais
Inorganic Chemistry (2013), 52(21), 12416-12428
DOI: 10.1021/ic401208p
362. **Synthesis of azafluorenones and related compounds using deprotonation-arylation followed by intramolecular direct arylation**
Nada Marquise, Phil Harford, Floris Chevallier, Thierry Roisnel, Vincent Dorcet, Valerie Thiery, A.E.H. Wheatley, Philippe Gros, Florence Mongin
Tetrahedron (2013), 69(47), 10123-10133
DOI: 10.1016/j.tet.2013.09.030
361. **N,N'-(2-Hydroxypropane-1,3-diyl)bis(2-hydroxybenzamide) monohydrate**
Yebedri Sihem, Louhibi Samira, Bouacida Sofiane, Ourari Ali, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2013), 69(10), o1591
DOI: 10.1107/S1600536813026184
360. **New beta-hydroxy acylsilane-derived building blocks and their use for the synthesis of oxygen-containing heterocycles**
Akondi Srirama Murthy, Thierry Roisnel, Srivari Chabdrasekhar, René Grée
Synlett 2013, 14, 2216-2220
DOI: 10.1055/s-0033-1339796
359. **Reaction of carbon disulfide with 2-bromoimidazolium salts. Novel bicyclic mesoionic thiazolo[3,2-a]imidazoles**
Sana Zama, Abdelmalek Bouraiou, Sofiane Bouacida, Thierry Roisnel, Ali Belfaitah
Tetrahedron Letters 54 (2013) 5605-5607
DOI: 10.1016/j.tetlet.2013.08.006
358. **(E)-2-[(1H-Imidazol-4-yl)methylidene]hydrazinecarbothioamide monohydrate**
Houari Benayad, Louhibi Samira, Boukli-Hacene Leila, Roisnel Thierry, Taleb Mustapha
Acta Crystallographica, Section E: Structure Reports Online (2013), 69(9), o1469
DOI: 10.1107/S1600536813022927
357. **Heteroleptic Alkyl and Amide Iminoanilide Alkaline Earth and Divalent Rare Earth Complexes for the Catalysis of Hydrophosphination and (Cyclo)Hydroamination Reactions**

- Liu Bo, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Chemistry - A European Journal (2013), 19(40), 13445-13462
DOI: 10.1002/chem.201301464
356. **A convenient synthesis of 3- and 5-amino-1H-pyrazoles via 3(5)-amino-4-(ethylsulfinyl)-1H-pyrazole desulfinylation**
Lassagne Frédéric, Snegaroff Katia, Roisnel Thierry, Nassar Ekhliss, Mongin Florence
Heterocyclic Communications (2011), 17(3/4), 139-145
DOI: 10.1515/hc.2011.026
355. **Nickel-Catalysed Reductive Amination with Hydrosilanes**
Jianxia Zheng, Thierry Roisnel, Christophe Darcel, Jean-Baptiste Sortais
ChemCatChem (2013), 5(10), 2861-2864
DOI: 10.1002/cctc.201300338
354. **Synthesis, reactivity, and some photochemistry of ortho-N,N-dimethylaminomethyl substituted aryl and ferrocenyl pentamethylcyclopentadienyl dicarbonyl iron complexes**
Grelaud Guillaume, Roisnel Thierry, Dorcet Vincent, Humphrey Mark G., Paul Frédéric, Argouarch Gilles
Journal of Organometallic Chemistry (2013), 741-742, 47-58
DOI: 10.1016/j.jorganchem.2013.05.031
353. **Triarylphosphine Ligands with Pendant Electron-Rich [Fe(κ^2 -dppe)(η^5 -C₅Me₅)(C)]-Substituents**
Tohme Ayham, Grelaud Guillaume, Argouarch Gilles, Roisnel Thierry, Bondon Arnaud, Paul Frédéric
Inorganic Chemistry (2013), 52(15), 8993-9004
DOI: 10.1021/ic4011828
352. **Modified Fry Cyanation of a Chiral Pyridinium Salt: Asymmetric Syntheses of (-)-Coniine and (-)-Solenopsin A**
Vu Van Ha, Jouanno Laurie-Anne, Cheignon Adèle, Roisnel Thierry, Dorcet Vincent, Sinbandhit Sourisak, Hurvois Jean-Pierre
European Journal of Organic Chemistry, 2013(24), 5464-5474, 2013
DOI: 10.1002/ejoc.201300595
351. **Hydrogen Bond Templated 1:1 Macrocyclization through an Olefin Metathesis/Hydrogenation Sequence**
Andrada Stefania Trita, Thierry Roisnel, Florence Mongin and Floris Chevallier
Organic Letters, 15(14), 2013, 3798-3801
DOI: 10.1021/ol401803t
350. **Acid-Base-Controlled Stereoselective Metalation of Overhanging Carboxylic Acid Porphyrins: Consequences for the Formation of Heterobimetallic Complexes**
Le Gac Stéphane, Najjari Btissam, Dorcet Vincent, Roisnel Thierry, Fusaro Luca, Luhmer Michel, Furet Eric, Halet Jean-François, Boitrel Bernard
Chemistry - A European Journal (2013), 19(33), 11021-11038
DOI: 10.1002/chem.201300881
349. **Selective Reduction of Esters to Aldehydes under the Catalysis of Well-Defined NHC-Iron Complexes**
Li Haoquan, Misal Castro Luis, Zheng Jianxia, Roisnel Thierry, Dorcet Vincent, Sortais Jean-Baptiste, Darcel Christophe
Angewandte Chemie, International Edition (2013), 52(31), 8045-8049
DOI: 10.1002/anie.201303003

348. **Synthesis, Reactivity, and Some Photochemistry of Ortho-N,N-dimethylaminomethyl Substituted Aryl and Ferrocenyl Pentamethylcyclopentadienyl Dicarbonyl Iron Complexes**
Guillaume Grelaud, Thierry Roisnel, Vincent Dorcet, Mark Humphrey, Frédéric Paul, Gilles Argouarch
Journal of Organometallic Chemistry 741-742 (2013) 47-58
DOI: 10.1016/j.jorganchem.2013.05.031
347. **A chiral rhenium complex displaying high parity violation effects: stereochemical features using VCD spectroscopy**
Nidal Saleh, Samia Zrig, Thierry Roisnel, Laure Guy, Radovan Bast, Trond Saue, Benoît Darquié and Jeanne Crassous
Physical Chemistry Chemical Physics (2013), 15(26), 10952-10959
DOI: 10.1039/C3CP50199J
346. **Methyl 2-(2-methyl-4-nitro-1H-imidazol-1-yl)acetate**
Zama Sana, Bouraiou Abdelmalek, Bouacida Sofiane, Roisnel Thierry, Belfaitah Ali
Acta Crystallographica, Section E: Structure Reports Online (2013), 69(6), o837-o838
DOI: 10.1107/S1600536813011914
345. **Theoretical and experimental investigations on hypoelectronic heterodimetallaboranes of Group 6 transition metals [Erratum to document cited in CA157:492808]**
Krishnamoorthy Bellie Sundaram, Thakur Arunabha, Chakrahari Kiran Kumar Varma, Bose Shubhankar Kumar, Hamon Paul, Roisnel Thierry, Kahlal Samia, Ghosh Sundargopal, Halet Jean-François
Inorganic Chemistry (2013), 52(12), 7305
DOI: 10.1021/ic401084w
344. **Reaction between ferrocene-carboxaldehyde and dioxaphospholene: Characterization and crystal structures of an unexpected bisferrocenyldioxolane**
Guillermo Ahumada, Thierry Roisnel, Carolina Manzur, David Carrillo, Jean-René Hamon
Journal of Organometallic Chemistry 739 (2013) 40-44
DOI: 10.1016/j.jorganchem.2013.04.020
343. **Synthesis of new 3-heteroaryl-2-phenylquinolines and their pharmacological activity as antimicrobial agents**
Benzerka Saida, Bouraiou Abdelmalek, Bouacida Sofiane, Roisnel Thierry, Bentchouala Chafia, Smati Farida, Carboni Bertrand, Belfaitah, Ali
Letters in Organic Chemistry (2013), 10(2), 94-99
DOI: 10.2174/1570178611310020005
342. **[3,3]-Sigmatropic Rearrangement of Boronated Allylcyanates: A New Route to α -Aminoboronates Derivatives and Trisubstituted Tetrahydrofurans**
Touchet Sabrina, Macé Aurélie, Roisnel Thierry, Carreaux François, Bouillon Alexandre, Carboni Bertrand
Organic Letters (2013), 15(11), 2712-2715
DOI: 10.1021/o1401016x
341. **Synthesis, characterization and X-ray crystal structures of chiral ferrocene-containing β -diketones**
Guillermo Ahumada, Thierry Roisnel, Sourisak Sinbandhit, Carolina Manzur, David Carrillo, Jean-René Hamon
Journal of Organometallic Chemistry 737 (2013) 1-6
DOI: 10.1016/j.jorganchem.2013.03.032

340. **Stereodynamics of Nitrogen Chiral Centers in aza- β^3 -Cyclodipeptides**
Le Grel Philippe, Asprogenidi Aikaterini, Huez Philippe, Le Grel Barbara, Salauen Arnaud, Roisnel Thierry, Potel Michel, Rasti Elham, Hocquet Alexandre
Chirality (2013), 25(6), 341-349
DOI: 10.1002/chir.22160
339. **catena-Poly[[bis(2-methoxyaniline- κN)-cadmium]-di- μ -thiocyanato- $\kappa^2 N : S ; \kappa^2 S : N$**
Rakia Chemli, Slaheddine Kamoun and Thierry Roisnel
Acta Cryst. (2013). E69, m292-m293
DOI: 10.1107/S1600536813010738
338. **Efficient two-step access to azafluorenones and related compounds**
Nada Marquise, Philip J. Harford, Floris Chevallier, Thierry Roisnel, Andrew E.H. Wheatley, Philippe C. Gros, Florence Mongin
Tetrahedron Letters 54 (2013), pp. 3154-3157
DOI: 10.1016/j.tetlet.2013.04.020
337. **Electroactive 1,5-benzodiazepines bearing either a tetrathiafulvalene or a ferrocene moiety**
Rachedine Kaoua, Bellara Nedjar-Kolli, Thierry Roisnel, Yann Le Gal, Dominique Lorcy
Tetrahedron 69 (2013) 4636-4640
DOI: 10.1016/j.tet.2013.04.005
336. **Computed CH Acidity of Biaryl Compounds and Their Deprotonative Metalation Using a Mixed Lithium-Zinc TMP Base**
Raghu Ram Kadiyala, David Tilly, Elisabeth Nagaradja, Thierry Roisnel, Vadim E. Matulis, Oleg A. Ivashkevich, Yury S. Halauko, Floris Chevallier, Philippe C. Gros and Florence Mongin
Chemistry - A European Journal, 19(24), 2013, 7944-7960
DOI: 10.1002/chem.201300552
335. **2-[(2-Azaniumylethyl)carbamoyl]ate-phenol (1/1)**
Yebedri Sihem, Louhibi Samira, Bouacida Sofiane, Ourari Ali, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2013), E69(4), o497
DOI: 10.1107/S1600536813005849
334. **4-(Dimethylamino)pyridinium tetrachloridoferrate(III)**
Khadri Amina, Bouchene Rafika, Bouacida Sofiane, Merazig Hocine, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2013), E69(4), m190
DOI: 10.1107/S160053681300603X
333. **Synthesis of Acylsilanes via Nickel-Catalyzed Reactions of α -Hydroxyallylsilanes**
Gangireddy PavanKumar Reddy, J. Satyanarayana Reddy, Saibal Das, Thierry Roisnel, Jhillu S. Yadav, Srivari Chandrasekhar and René Grée
Organic Letters (2013), 15(7), 1524-1527
DOI: 10.1021/o14003064
332. **Redox-induced Reversible P-P Bond Formation Leading to Generate an Organometallic $\sigma^4\lambda^4$ -1,2-biphosphane Dication**
Ayham Tohmé, Guillaume Grelaud, Gilles Argouarch, Thierry Roisnel, Stéphanie Labouille, Duncan Carmichael and Frédéric Paul
Angew. Chem. Int. Ed. 2013, 52(16), 4445-4448
DOI: 10.1002/anie.201208682
331. **Oxidative Activation of Aryldiynyl-Iron Complexes: RegioSelective Dimerization**
Alexandre Burgun, Frédéric Gendron, Thierry Roisnel, Sourisak Sinbandhit, Karine Costuas,

Jean-François Halet, Michael I. Bruce and Claude Lapinte
Organometallics (2013), 32(6), 1866-1875
DOI: 10.1021/om400014g

330. **Two substrates, three products: Reactions between ferrocene-carboxaldehyde and dioxaphospholene, characterization and crystal structures of oxygenated C_3 - and C_4 -chain-containing ferrocenes**
Guillermo Ahumada, Paul Hamon, Vincent Dorcet, Thierry Roisnel, Carolina Manzur, David Carrillo, Juan Pablo Soto, Jean-René Hamon
Journal of Organometallic Chemistry 732 (2013) 40-46
DOI: 10.1016/j.jorganchem.2013.02.017
329. **1,2,4,5-Benzene-tetra-carboxylic acid: a versatile ligand for high dimensional lanthanide-based coordination polymers**
Luo Yun, Bernot Kevin, Calvez Guillaume, Freslon Stéphane, Daiguebonne Carole, Guillou Olivier, Kerbellec Nicolas, Roisnel Thierry
CrystEngComm, 2013, 15(10), 1882-1896
DOI: 10.1039/c2ce26940f
328. **Discrete Divalent Rare-Earth Cationic ROP Catalysts: Ligand-Dependent Redox Behavior and Discrepancies with Alkaline-Earth Analogues in a Ligand-Assisted Activated Monomer Mechanism**
Liu Bo, Roisnel Thierry, Maron Laurent, Carpentier Jean-François, Sarazin Yann
Chemistry – A European Journal (2013), 19(12), 3986-3994
DOI: 10.1002/chem.201204340
327. **Synthesis, crystal structure and antibacterial activity of new highly functionalized ionic compounds based on the imidazole nucleus**
Bahnous Mebarek, Bouraiou Abdelmalek, Chelghoum Meryem, Bouacida Sofiane, Roisnel Thierry, Smati Farida, Bentchouala Chafia, Gros Philippe C., Belfaitah Ali
Bioorganic & Medicinal Chemistry Letters, 23 (2013) 1274-1278
DOI: 10.1016/j.bmcl.2013.01.004
326. **Variable Magnetic Interactions between $S = 1/2$ Cation Radical Salts of Functionalizable Electron-Rich Dithiolene and Diselenolene Cp_2Mo Complexes**
Bsaibess Talia, Guerro Michel, Le Gal Yann, Sarraf Daad, Bellec Nathalie, Fourmigué Marc, Barrière Frédéric, Dorcet Vincent, Guizouarn Thierry, Roisnel Thierry, Lorcy Dominique
Inorganic Chemistry (2013), 52(4), 2162-2173
DOI: 10.1021/ic3025606
325. **Antiferromagnetic Ordering of Magnetic Clusters Units in Nb_6F_{15}**
Knoll R., Shames A., Goren S. D., Shaked H., Cordier S., Perrin C., Hernandez O., Roisnel T., André G., Kremer R. K., Simon A.
Applied Magnetic Resonance (2013), 44(1-2), 143-151
DOI: 10.1007/s00723-012-0426-6
324. **Cyclohydroamination of Aminoalkenes Catalyzed by Disilazide Alkaline-Earth Metal Complexes: Reactivity Patterns and Deactivation Pathways**
Liu Bo, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Chemistry—A European Journal (2013), 19(8), 2784-2802
DOI: 10.1002/chem.201203562
323. **(2E,2'E)-1,1'-Bis(6-chloro-2-methyl-4-phenylquinolin-3-yl)-3,3'-(1,4-phenylene)diprop-2-en-1-one ethyl acetate disolvate**

Kedjadja Allaoua, Merdes Rachid, Bouacida Sofiane, Roisnel Thierry, Belfaitah Ali
Acta Crystallographica, Section E: Structure Reports Online (2013), E69(1), o37-o38
DOI: 10.1107/S1600536812049422

322. **4-(Dimethylamino)pyridinium tetrachloridoferrate(III)**
A. Khadri, R. Bouchene, S. Bouacida, H. Merazig and T. Roisnel
Acta Cryst. (2013). E69, m190
DOI: 10.1107/S160053681300603X
321. **Efficient synthesis and X-ray structures of new α -quinolin-3-yl-aminonitriles and derivatives**
Ladraa Souheila, Berrée Fabienne, Bouraiou Abdelmalek, Bouacida Sofiane, Roisnel Thierry, Carboni Bertrand, Belfaitah Ali
Tetrahedron Letters 54 (2013) 749-752
DOI: 10.1016/j.tetlet.2012.11.032
320. **Synthesis, Crystal Structure and Luminescent Properties of New Lanthanide-Containing Coordination Polymers Involving 4,4'-oxy-bis-benzoate as Ligand**
Luo Yun, Zheng Yanjun, Calvez Guillaume, Freslon Stéphane, Bernot Kevin, Daiguebonne Carole, Roisnel Thierry, Guillou Olivier
CrystEngComm, 2013, 15, 706
DOI: 10.1039/c2ce26390d
319. **Yttrium catalysts for syndioselective β -butyrolactone polymerization: on the origin of ligand-induced stereoselectivity**
Jian Fang, Mathieu J.-L. Tschan, Thierry Roisnel, Xavier Trivelli, Régis M. Gauvin, Christophe M. Thomas, Laurent Maron
Polym. Chem., 2013, 4(2), 360-367
DOI: 10.1039/c2py20590d
318. **Cis and trans-bis(tetrathiafulvalene-acetylide) platinum(II) complexes: syntheses, crystal structures, and influence of the ancillary ligands on their electronic properties**
Antoine Vacher, Frédéric Barrière, Franck Camerel, Jean-François Bergamini, Thierry Roisnel and Dominique Lorcy
Dalton Trans., 2013, 42, 383
DOI: 10.1039/c2dt31686b

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317. **Bis(Benzene-1,2-diamine- κ^2 N,N')(sulfato- κ O) copper(II) monohydrate**
Yacine Djebli, Sihem Boufas, Leila Bencharif, Thierry Roisnel and Mustafa Bencharif
Acta Cryst. (2012) E68, m1411-m1412
DOI: 10.1107/S1600536812041967
316. **Old and new C1-symmetric Group 4 metallocenes $\{(R^1R^2C)-(R^2'R^3'R^6'R^7'-Flu)(3-R^3-5-R^4-C_5H_2)\}ZrCl_2$: from highly isotactic polypropylenes to vinyl end-capped isotactic-enriched oligomers**
Bader Manuela, Marquet Nicolas, Kirillov Evgeny, Roisnel Thierry, Razavi Abbas, Lhost Olivier, Carpentier Jean-François

Organometallics (2012), 31(23), 8375-8387

DOI: 10.1021/om300957k

315. **One-Step Synthesis of 1-Halo-1,3-butadienes via Ruthenium-Catalyzed Hydrohalogenative Dimerization of Alkynes**
Hubert Klein, Thierry Roisnel, Christian Bruneau and Sylvie Dérien
Chem. Commun., 2012, 48 (89), 11032-11034
DOI: 10.1039/c2cc36422k
314. **Experimental and theoretical study of the [3+2] cycloaddition of carbonyl ylides with alkynes**
Ghenia Bentabed-Ababsa, Samira Hamza-Reguig, Aïcha Derdour, Luis R. Domingo, José A. Sáez, Thierry Roisnel, Vincent Dorcet, Ekhliss Nassar and Florence Mongin
Org. Biomol. Chem., 2012, 10, 8434-8444
DOI: 10.1039/C20B26442K
313. **Anisotropic Chemical Pressure Effects in Single-Component Molecular Metals Based on Radical Dithiolene and Diselenolene Gold Complexes**
Gilles Yzambart, Nathalie Bellec, Ghassan Nasser, Olivier Jeannin, Thierry Roisnel, Marc Fourmigué, Pascale Auban-Senzier, Jorge Íñiguez, Enric Canadell, and Dominique Lorcy
Journal of the American Chemical Society (2012), 134(41), 17138-17148
DOI: 10.1021/ja3065649
312. **Theoretical and Experimental Investigations on Hypoelectronic Heterodimetallaboranes of Group 6 Transition Metals**
Krishnamoorthy Bellie Sundaram, Thakur Arunabha, Chakravarthi Kiran Kumar Varma, Bose Shubhankar Kumar, Hamon Paul, Roisnel Thierry, Kahlal Samia, Ghosh Sundargopal, Halet Jean-François
Inorg. Chem. 2012, 51, 10375-10383
DOI: 10.1021/ic301571e
311. **Iron and Ruthenium σ -Polyynyls of General Formula $\{[M(dppe)Cp^*]-(C \equiv C)_n-R\}^{0/+}$ (M = Fe, Ru): An Experimental and Theoretical Investigation**
Frédéric Gendron, Alexandre Burgun, Brian W. Skelton, Allan H. White, Thierry Roisnel, Michael I. Bruce, Jean-François Halet, Claude Lapinte and Karine Costuas
Organometallics (2012), 31(19), 6796-6811
DOI: 10.1021/om300584u
310. **Reactions of 7,7,8,8-Tetracyanoquinodimethane with Poly-ynyl 2 Ruthenium and Iron Complexes**
Michael I. Bruce, Alexandre Burgun, Guillaume Grelaud, Claude Lapinte, Christian R. Parker, Thierry Roisnel, Brian W. Skelton, and Natasha N. Zaitseva
Organometallics (2012), 31(18), 6623-6634
DOI: 10.1021/om3006728
309. **Metal Migration Processes in Homo- and Hetero-Bimetallic Bismuth(III)-Lead(II) Porphyrin Complexes: Emergence of Allosteric Molecular Newton's Cradles**
Boitrel Bernard, Najjari Btissam, Le Gac Stéphane, Roisnel Thierry, Dorcet Vincent
Journal of the American Chemical Society (2012), 134(38), 16017-16032
DOI: 10.1021/ja307349d
308. **Cyclometallation of arylimines and nitrogen-containing heterocycles via room-temperature C-H bond activation with arene ruthenium(ii) acetate complexes**
Li Bin, Roisnel Thierry, Darcel Christophe, Dixneuf Pierre H.

Dalton Transactions (2012), 41(36), 10934-10937

DOI: 10.1039/c2dt31401k

307. **3-(1H-1,3-Benzimidazol-2-yl)-2,7-dimethoxyquinoline**
Alliouche Hayette, Bouacida Sofiane, Roisnel Thierry, Belfaitah Ali
Acta Crystallographica, Section E: Structure Reports Online (2012), E68(8), o2492
DOI: 10.1107/S1600536812032357
306. **Iridium-Catalyzed Oxidant-Free Dehydrogenative C-H Bond Functionalization: Selective Preparation of N-Arylpiperidines through Tandem Hydrogen Transfers**
Yuan Kedong, Jiang Fan, Sahli Zeyneb, Achard Mathieu, Roisnel Thierry, Bruneau Christian
Angew. Chem. Int. Ed. (2012), 51(35), 8876-8880
DOI: 10.1002/anie.201204582
305. **Reductive Etherification of Aromatic Aldehydes Photocatalyzed by Dicarboxyl Pentamethylcyclopentadienyl Iron Complexes**
Gilles Argouarch, Guillaume Grelaud, Thierry Roisnel, Mark G. Humphrey, Frédéric Paul
Tetrahedron Letters 53 (2012) 5015-5018
DOI: 10.1016/j.tetlet.2012.07.038
304. **Synthesis of both enantiomers of ferrocen[1,2-c] 1H-quinolin-2-one by diastereoselective deproto-zincation of sugar-derived ferrocene esters**
Aaare Sreeshailam, Gandrah Dayaker, D. Venkata Ramana, Floris Chevallier, Thierry Roisnel, Shinsuke Komagawa, Ryo Takita, Masanobu Uchiyama, Palakodety Radha Khrishna and Florence Mongin
RSC Adv. 2012, 2, 7030-7032
DOI: 10.1039/C2RA21045B
303. $K_2V_2O_2(AsO_4)_2$
Sabrina Belkhir, Djillali Mezaoui and Thierry Roisnel
Acta Cryst. (2012). E68, i54
DOI: 10.1107/S1600536812027183
302. **Stepwise construction of a 4-hydroxyphenyl functionalized O,N,N-tridentate ferrocene-containing enaminoone: spectral, analytical and structural studies**
Salvador Celedon, Mauricio Fuentealba, Thierry Roisnel, Jean-René Hamon, David Carrillo, Carolina Manzur
Inorganica Chimica Acta 390 (2012) 184-189
DOI: 10.1016/j.ica.2012.04.028
301. **Structure-Property Relationships in Pt^{II} Diimine-Dithiolate Non-Linear Optical Chromophores Based on Aryl-ethylene-1,2-dithiolate and 2-Thioxothiazoline-4,5-dithiolate**
Pintus Anna, Aragoni M., Bellec Nathalie, Devillanova Francesco, Isaia Francesco, Lippolis Vito, Lorcy Dominique, Randall Rebecca, Roisnel Thierry, Slawin Alexandra, Woollins John, Arca Massimiliano
European Journal of Inorganic Chemistry (2012), 2012(22), 3577-3594
DOI: 10.1002/ejic.201200346
300. **Discrete Cationic Zinc and Magnesium Complexes for Dual Organic/Organometallic-Catalyzed Ring-Opening Polymerization of Trimethylene Carbonate**
Brignou Pierre, Guillaume Sophie M., Roisnel Thierry, Bourissou Didier, Carpentier Jean-François
Chemistry—A European Journal (2012), 18(30), 9360-9370
DOI: 10.1002/chem.201200336

299. **Iron Catalyzed Hydrosilation of Esters**
David Bézier, Gopaladasu T. Venkanna, Luis C. Misal Castro, Jianxia Zheng, Thierry Roisnel, Jean-Baptiste Sortais and Christophe Darcel
Advanced Synthesis & Catalysis (2012), 354(10), 1879-1884
DOI: 10.1002/adsc.201200087
298. **New 2-Phenylquinoline Derivatives: Synthesis and Preliminary Evaluation as Antimicrobial Agents**
Saida Benzerka, Abdelmalek Bouraiou, Sofiane Bouacida, Thierry Roisnel, Chafia Bentchouala, Farida Smati and Ali Belfaitah
Letters in Organic Chemistry, 2012, 9(5), 309-313
DOI:
297. **Phosphane-Pyridine Iron Complexes: Synthesis, Characterization and Application in Reductive Amination through the Hydrosilylation Reaction**
Hassen Jaafar, Haoquan Li, Luis C. Misal Castro, Jianxia Zheng, Thierry Roisnel, Vincent Dorcet, Jean-Baptiste Sortais and Christophe Darcel
European Journal of Inorganic Chemistry (2012), 2012(22), 3546-3550
DOI: 10.1002/ejic.201200550
296. **Deproto-metallation and computed CH acidity of 2-aryl-1,2,3-triazoles**
Floris Chevallier, Thomas Blin, Elisabeth Nagaradja, Frédéric Lassagne, Thierry Roisnel, Yury S. Halauko, Vadim E. Matulis, Oleg A. Ivashkevich and Florence Mongin
Org. Biomol. Chem., 2012, 10, 4878-4885
DOI: 10.1039/C2OB25554E
295. **Triaryl-1,3, 5-triazinanes-2, 4,6-triones functionalized with electron-rich Fe(II) and Ru(II) acetylide complexes: new organometallic octupoles with large hyperpolarizabilities**
Alexander Trujillo, Romain Veillard, Gilles Argouarch, Thierry Roisnel, Anu Singh, Isabelle Ledoux and Frédéric Paul
Dalton Transactions (2012), 41(25), 7454-7456
DOI: 10.1039/c2dt30555k
294. **Triaryl-1,3,5-Triazinane-2,4,6-Triones (Isocyanurates) Peripherally Functionalized by Donor Groups: Synthesis and Study of their Linear and Nonlinear Optical Properties**
Gilles Argouarch, Romain Veillard, Thierry Roisnel, Anissa Amar, Hacène Meghezzi, Abdou Boucekine, Vincent Hugues, Olivier Mongin, Mireille Blanchard-Desce, Frédéric Paul
Chemistry - A European Journal, Volume 18, Issue 37, pages 11811-11827, September 10, 2012
DOI: 10.1002/chem.201200484
293. **Meerwein-Ponndorf-Verley-Type Reduction Processes in Aluminum and Indium Iso-propoxide Complexes of Imino-Phenolate Ligands**
Normand Mickael, Kirillov Evgeny, Roisnel Thierry, Carpentier Jean-François
Organometallics (2012), 31(15), 5511-5519
DOI: 10.1021/om300481q
292. **rac-2-(2-chloro-6-methylquinolin-3-yl)-2,3-dihydroquinolin-4(1H)-one**
Abdelmalek Bouraiou, Sofiane Bouacida, Carboni Bertrand, Thierry Roisnel and Ali Belfaitah
Acta Crystallographica, Section E: Structure Reports Online (2012), E68(6), o1701-o1702
DOI: 10.1107/S1600536812020831
291. **2-amino-3-carboxypyridinium perchlorate**
Fadila Berrah, Sofiane Bouacida, Hayet Anana and Thierry Roisnel

- Acta Crystallographica, Section E: Structure Reports Online* (2012), *E68(6)*, o1601-o1602
DOI: 10.1107/S1600536812018922
290. **(±)-Bis(1-carboxy-2-phenylethanaminium) hexafluorosilicate(VI)**
Belhouas Ratiba, Bouacida Sofiane, Boudaren Chaouki, Daran Jean-Claude, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2012), *E68(6)*, o1791-o1792
DOI: 10.1107/S1600536812021587
289. **2-Amino-3-carboxypyrazin-1-ium perchlorate bis(2-aminopyrazin-1-ium-3-carboxylate) monohydrate**
Berrah Fadila, Bouacida Sofiane, Bouhraoua Ahlem, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2012), *E68(6)*, o1714-o1715
DOI: 10.1107/S1600536812021071
288. **Controlled grafting of tetrathiafulvalene (TTF) containing diacetylenic units on hydrogen-terminated silicon surfaces: from Redox-Active TTF Monolayer to Polymer Films**
Yzambart Gilles, Fabre Bruno, Camerel Franck, Roisnel Thierry, Lorcy Dominique
Journal of Physical Chemistry C (2012), *116(22)*, 12093-12102
DOI: 10.1021/jp302041z
287. **2-Chloro-3-[(E)-(hydrazin-1-ylidene)methyl]-6-methoxyquinoline**
Bouacida Sofiane, Bouraiou Abdelmalek, Benhamoud Nassima, Roisnel Thierry, Belfaitah Ali
Acta Crystallographica, Section E: Structure Reports Online (2012), *E68(5)*, o1548
DOI: 10.1107/S1600536812017977
286. **4,5-Dibromo-1,2-dimethyl-1H-imidazol-3-ium bromide**
Mebarek Bahnous, Abdelmalek Bouraiou, Sofiane Bouacida, Thierry Roisnel and Ali Belfaitah
Acta Crystallographica, Section E: Structure Reports Online (2012), *E68(5)*, o1391
DOI: 10.1107/S1600536812015310
285. **Characterisation of biodegradable poly(butylene adipate-co-terephthalate) /sodium caseinate films loaded with an alkyl furanoside as antimicrobial agent**
Jean-Luc Audic, Laurent Legentil, Caroline Nugier-Chauvin, Vincent Ferrières, Michel Potel, Thierry Roisnel
Journal of Materials Science (2012), *47(15)*, 5806-5814
DOI: 10.1007/s10853-012-6480-5
284. **An oxyhydride of BaTiO₃ exhibiting hydride exchange and electronic conductivity**
Yoji Kobayashi, Olivier J. Hernandez, Tatsunori Sakaguchi, Takeshi Yajima, Thierry Roisnel, Yoshihiro Tsujimoto, Masaki Morita, Yasuto Noda, Yuuki Mogami, Atsushi Kitada, Masatoshi Ohkura, Saburo Hosokawa, Zhaofei Li, Katsuro Hayashi, Yoshihiro Kusano, Jung eun Kim, Naruki Tsuji, Akihiko Fujiwara, Yoshitaka Matsushita, Kazuyoshi Yoshimura, Kiyonori Takegoshi, Masashi Inoue, Mikio Takano, Hiroshi Kageyama
Nature Materials (2012), *11(6)*, 507-511
DOI: 10.1038/NMAT3302
283. **Heteroleptic Silylamido Phenolate Complexes of Calcium and the Larger Alkaline Earth Metals: β -Agostic Ae...Si-H Stabilization and Activity in the Ring-Opening Polymerization of L-Lactide**
Liu Bo, Roisnel Thierry, Guégan Jean-Paul, Carpentier Jean-François, Sarazin Yann
Chem. Eur. J. 2012, *18*, 6289-6301
DOI: 10.1002/chem.201103666
282. **When Bigger Is Better: Intermolecular Hydrofunctionalizations of Activated Alkenes Catalyzed by Heteroleptic Alkaline Earth Complexes**

- Liu Bo, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Angew. Chem. Int. Ed. 2012, 51, 1-5
DOI: 10.1002/anie.201200364
281. **5-amino-3-carboxy-1H-1,2,4-triazol-4-ium nitrate monohydrate**
Fadila Berrah, Rafika Bouchene, Sofiane Bouacida and Thierry Roisnel
Acta Cryst. 2012, E68, o1116
DOI: 10.1107/S1600536812011154
280. **Triphenylamine Derivatives with para-Disposed Pendant Electron-Rich Organoiron Alkynyl Substituents: Defining the Magnetic Interactions in a Trinuclear Fe(III) Trication**
Grelaud Guillaume, Cador Olivier, Roisnel Thierry, Argouarch Gilles, Cifuentes Marie P., Humphrey Mark G., Paul Frédéric
Organometallics 2012, 31-5, 1635-1642
DOI: 10.1021/om2006358
279. **A carbon-rich ruthenium decorated dysprosium single molecule magnet**
Norel Lucie, Bernot Kevin, Feng Min, Roisnel Thierry, Caneschi Andrea, Sessoli Roberta, Rigaut Stéphane
Chemical Communications 2012, 48(33), 3948-3950
DOI: 10.1039/c2cc30604b
278. **Translocation-coupled transmetalation at the origin of a dinuclear lead porphyrin complex: implication of a *hanging-atop* coordination mode**
Stéphane Le Gac, Btissam Najjari, Luca Fusaro, Thierry Roisnel, Vincent Dorcet, Michel Luhmer, Eric Furet, Jean-François Halet and Bernard Boitrel
Chemical Communications 2012, 48(31), 3724-3726
DOI: 10.1039/c2cc00067a
277. **Synthesis and Structural Diversity of Group 4 Metal Complexes with Multidentate Tethered Phenoxy-Amidine and Phenoxy-Amidinate Ligands**
Kirillov Evgeny, Roisnel Thierry, Carpentier Jean-François
Organometallics (2012), 31(8), 3228-3240
DOI: 10.1021/om300076j
276. **Cyclopentadienyl-NHC Iron Catalysts for Solvent Free Hydrosilylation of Aldehydes and Ketones**
David Bezier, Fan Jiang, Thierry Roisnel, Jean-Baptiste Sortais, Christophe Darcel
Eur. J. Inorg. Chem. 2012, 1333-1337
DOI: 10.1002/ejic.201100762
275. **New ruthenium metathesis catalysts with chelating indenylidene ligands: synthesis, characterization and reactivity**
Anzhelika Kabro, Ghazi Ghattas, Thierry Roisnel, Cédric Fischmeister and Christian Bruneau
Dalton Trans., 2012, 41, 3695
DOI: 10.1039/C2DT12271E
274. **Synthetic and Mechanistic Aspects of the Immortal Ring-Opening Polymerization of Lactide and Trimethylene Carbonate with New Homo- and Heteroleptic Tin(II)-Phenolate Catalysts**
Poirier Valentin, Roisnel Thierry, Sinbandhit Sourisak, Bochmann Manfred, Carpentier Jean-François, Sarazin Yann
Chem. Eur. J. 2012, 18, 2998-3013
DOI: 10.1002/chem.201102261

273. **Lanthanide borohydrides supported by an ansa-bis(amidinate) ligand with a rigid naphthalene linker: Synthesis, structure and catalytic activity in ring-opening polymerization of lactide**
Yakovenko Marina V., Trifonov Alexander A., Kirillov Evgeny, Roisnel Thierry, Carpentier Jean-François
Inorganica Chimica Acta (2012), 383, 137-142
DOI: 10.1016/j.ica.2011.10.060
272. **Deprotonative metalation of aromatic compounds using mixed lithium-iron combinations**
Elisabeth Nagaradja, Floris Chevallier, Thierry Roisnel, Viatcheslav Jouikov and Florence Mongin
Tetrahedron (2012), 68(14), 3063-3073
DOI: 10.1016/j.tet.2012.02.019
271. **Redetermination of Hg_2I_2**
Mohammed Kars, Thierry Roisnel, Vincent Dorcet, Allaoua Rebbah and Otero-Díaz L. Carlos
Acta Cryst. (2012) E68, i11
DOI: 10.1107/S1600536811056339
270. **Iron Piano-Stool Phosphine Complexes for Catalytic Hydrosilylation Reaction**
Sortais Jean-Baptiste, Darcel Christophe, Zheng Jianxia, Misal Luis, Roisnel Thierry
Inorganica Chimica Acta (2012), 380, 301-307
DOI: 10.1016/j.ica.2011.10.048
269. **Well-defined, solvent-free cationic barium complexes: Synthetic strategies and catalytic activity in the ring-opening polymerization of lactide**
Bo Liu, Thierry Roisnel, Yann Sarazin
Inorganica Chimica Acta 380 (2012) 2-13
DOI: 10.1016/j.ica.2011.09.020
268. **Aluminum Complexes of Bidentate Fluorinated Alkoxy-Imino Ligands: Syntheses, Structures, and Use in Ring-Opening Polymerization of Cyclic Esters**
Miloud Bouyahyi, Thierry Roisnel and Jean-François Carpentier
Organometallics (2012), 31(4), 1458-1466
DOI: 10.1021/om200907x
267. **Indium Complexes of Fluorinated Dialkoxy-Diimino Salen-like Ligands for Ring-Opening Polymerization of *rac*-Lactide: How Does Indium Compare to Aluminum?**
Normand Mickael, Kirillov Evgeny, Roisnel Thierry, Carpentier Jean-François
Organometallics (2012), 31(4), 1448-1457
DOI: 10.1021/om200906e

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[2011]

266. **Strong Iodine...Oxygen Interactions in Molecular Conductors Incorporating Sulfonate Anions**
Shin Kyung-Soon, Brezgunova Mariya, Jeannin Olivier, Roisnel Thierry, Camerel Franck, Auban-Senzier Pascale, Fourmigué Marc

Crystal Growth & Design (2011), 11(12), 5337-5345
DOI: 10.1021/cg200934r

265. **Stille-type aryl-aryl cross-coupling catalysis using triarylphosphine ligands with electron-rich Fe(II)-alkanyl substituents**
Guillaume Grelaud, Ayham Tohmé, Gilles Argouarch, Thierry Roisnel, Frédéric Paul
New Journal of Chemistry (2011), 35(12), 2740-2742
DOI: 10.1039/C1NJ20480G
264. **Donor-substituted triaryl-1,3,5-triazinanes-2,4,6-triones: octupolar NLO-phores with a remarkable transparency-nonlinearity trade-off**
Gilles Argouarch, Romain Veillard, Thierry Roisnel, Anissa Amar, Abdou Boucekkine, Anu Singh, Isabelle Ledoux and Frédéric Paul
New J. Chem., 2011, 35, 2409-2411
DOI: 10.1039/c1nj20442d
263. **Electrochemical synthesis and chemistry of chiral 1-cyanotetrahydroisoquinolines. An approach to the asymmetric syntheses of the alkaloids (-)-crispine A and its natural (+)-antipode**
Louafi Fadila, Moreau Julie, Shahane Saurabh, Golhen Stéphane, Roisnel Thierry, Sinbandhit Sourisak, Hurvois Jean-Pierre
Journal of Organic Chemistry (2011), 76(23), 9720-9732
DOI: 10.1021/jo2017982
262. **Deprotonative metalation of chloro- and bromopyridines using amido-based bimetallic species and regioselectivity-computed CH acidity relationships**
Katia Snégaroff, Tan Tai Nguyen, Nada Marquise, Yury S. Halauko, Philip J. Harford, Thierry Roisnel, Vadim E. Matulis, Oleg A. Ivashkevich, Floris Chevallier, Andrew E. H. Wheatley, Philippe C. Gros and Florence Mongin
Chem. Eur. J. 2011, 17, 13284-13297
DOI: 10.1002/chem.201101993
261. **Intramolecular Tandem Isomerization-Mannich Reaction as a New Route Towards Aminocyclopentitols**
Hai Thuong Cao, Thierry Roisnel, René Grée
European Journal of Organic Chemistry (2011), 2011(32), 6405-6408
DOI: 10.1002/ejoc.201101130
260. **meso-Dithiole and tetrathiafulvalene dipyrrmethanes a route to metal dithiole-dipyrrin complexes and to fluorescent tetrathiafulvalene-BODIPY**
Kai-Ling Huang, Nathalie Bellec, Michel Guerro, Franck Camerel, Thierry Roisnel, Dominique Lorcy
Tetrahedron 67 (2011) 8740e8746
DOI: 10.1016/j.tet.2011.09.019
259. **Synthesis, crystal structure and magnetic properties of the new ternary indides $REPd_2In_4$ ($RE = La, Ce, Pr, Nd$)**
Tursina Anna, Nesterenko Sergey, Murashova Elena, Kurenbaeva Zhanaphija, Seropegin Yurii, Noël Henri, Roisnel Thierry, Kaczorowski Dariusz
Intermetallics (2011), 19(12), 1864-1872
DOI: 10.1016/j.intermet.2011.07.029
258. **Z/E isomerism in $N\alpha$ - $N\alpha$ -disubstituted hydrazides and the amidoxy bond. Application to the conformational analysis of pseudo-peptides built of hydrazinoacids and**

α -aminoxyacids

Le Grel Philippe, Salaün Arnaud, Mocquet Clémence, Le Grel Barbara, Roisnel Thierry, Potel Michel

Journal of Organic Chemistry (2011), 76(21), 8756-8767

DOI: 10.1021/jo201390b

257. **Novel 2,2'-bipyridine containing two $(\eta^2 - dppe)(\eta^5 - C_5Me_5)Fe - C \equiv C$ redox-active units with an exceptionally spatially demanding substitution pattern**
Frédéric Justaud, Thierry Roisnel, Claude Lapinte
New Journal of Chemistry (2011), 35(10), 2219-2226
DOI: 10.1039/c1nj20269c
256. **Efficient Syntheses of New Chromone- and Chromanequinoline Hybrids and their Aza-analogs**
A. Bouraiou, F. Berrée, S. Bouacida, B. Carboni, A. Debache, T. Roisnel and A. Belfaitah
Letters in Organic Chemistry 2011 Vol. 8-6, 374-379
DOI: <http://dx.doi.org/10.2174/157017811796064494>
255. **Rare-Earth Complexes with Multidentate Tethered Phenoxy-Amidinate Ligands: Synthesis, Structure, and Activity in Ring-Opening Polymerization of Lactide**
Sinenkov Mikhail, Kirillov Evgeny, Roisnel Thierry, Fukin Georgy, Trifonov Alexander, Carpentier Jean-François
Organometallics (2011), 30(20), 5509-5523
DOI: 10.1021/om200786u
254. **A convenient synthesis of 3- and 5-amino-1H-pyrazoles via 3(5)-amino-4-(ethylsulfinyl)-1H-pyrazole desulfinylation**
Frédéric Lassagne, Katia Snégaroff, Thierry Roisnel, Ekhliss Nassarc and Florence Mongin
Heterocycl. Commun., Vol. 17(3-4), pp. 139-145, 2011
DOI: 10.1515/HC.2011.026
253. **Synthesis and X-ray structures of new cycloalka[e]pyrano[2,3-b]pyridine derivatives: novel tacrine analogues**
Hayour H., Bouraiou A., Bouacida S., Berré F., Carboni B., Roisnel T., Belfaitah A.
Tetrahedron Letters (2011), 52(38), 4868-4871
DOI: 10.1016/j.tetlet.2011.07.038
252. **First-order phase transition in a new $CaCu_5$ -related antimonide, $CePt_5Sb$**
Salamakha Leonid, Bauer Ernst, Michor Herwig, Hilscher Gerfried, Müller Herbert, Svagera Robert, Sologub Oksana, Rogl Peter, Hester James, Roisnel Thierry, Giester Gerald, Mudryi Stepan
Chemistry of Materials (2011), 23(17), 4016-4024
DOI: 10.1021/cm201584f
251. **2-Hydroxy-N-(4-methoxybenzyl)-4-nitroanilinium chloride**
Boulcina Raouf, Fantazi Boubakeur, Bouacida Sofiane, Roisnel Thierry, Debache Abdelmadjid
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(8), o2164-o2165
DOI: 10.1107/S1600536811029552
250. **2-(2-chloro-6,7-dimethylquinolin-3-yl)-2,3-dihydroquinolin-4(1H)-one**
Saida Benzerka, Abdelmalek Bouraiou, Sofiane Bouacida, Thierry Roisnel and Ali Belfaitah
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(8), o2084-o2085
DOI: 10.1107/S1600536811028170

249. **2-amino-3-carboxypyridinium Nitrate**
Fadila Berrah, Sofiane Bouacida and Thierry Roisnel
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(8), o2057-o2058.
DOI: 10.1107/S1600536811027978
248. **2-hydroxymethyl-1,3-dimethylimidazolium iodide**
Meryem Chelghoum, Mebarek Bahnous, Sofiane Bouacida, Thierry Roisnel and Ali Belfaitah
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(8), o1890
DOI: 10.1107/S1600536811025700
247. **Diastereoselective deprotonative metallation of sugar-derived ferrocene esters using mixed lithium-cadmium combinations**
Aare Sreeshailam, Gandrath Dayaker, Floris Chevallier, Thierry Roisnel, Palakodety Radha Krishna and Florence Mongin
European Journal of Organic Chemistry (2011), 2011(20-21), 3715-3718
DOI: 10.1002/ejoc.201100264
246. **Spectroscopic Evidence for Redox Isomerism in the 1,4-Diethynylbenzene-Bridged Heterobimetallic Cation**
 $[Fe(dppe)Cp^*(\mu - C \equiv CC_6H_4C \equiv C)Mo(dppe)(\eta - C_7H_7)]PF_6$
Fitzgerald Emma C., Ladjarafi Abdelkader, Brown Neil J., Collison David, Costuas Karine, Edge Ruth, Halet Jean-François, Justaud Frédéric, Low Paul J., Meghezzi Hacene, Roisnel Thierry, Whitele Mark W., Lapinte Claude
Organometallics (2011), 30(15), 4180-4195
DOI: 10.1021/om200488b
245. **Ruthenium-catalysed synthesis of fluorinated bicyclic amino esters via tandem carbene addition/cyclopropanation of enynes**
Matthieu Eckert, Solenne Moulin, Florian Monnier, Igor D. Titanyuk, Serguej N. Osipov, Thierry Roisnel, Sylvie Dérien, Pierre H. Dixneuf
Chemistry—A European Journal (2011), 17(34), 9456-9462
DOI: 10.1002/chem.201101209
244. **Ethyl 3-(2-chloro-5,8-dimethoxyquinolin-3-yl)-2-cyanooxirane-2-carboxylate**
Alliouche Hayette, Bouacida Sofiane, Roisnel Thierry and Belfaitah Ali
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(7), o1754-o1755
DOI: 10.1107/S1600536811023336
243. **Tetrahedral MO_4 Clusters as Building Blocks for the Design of Clathrate Related Giant Frameworks**
M. A. Shestopalov, A. Y. Ledneva, S. Cordier, O. Hernandez, M. Potel, T. Roisnel, C. Perrin
Angew. Chem. Int. Ed. 2011, 50, 1-5
DOI: 10.1002/anie.201101986
242. **A tandem isomerization-Mannich reaction for the enantioselective synthesis of β -amino ketones and β -aminoalcohols with applications to key intermediates for *ent*-Nikkomycins and *ent*-Funebrine**
Hai Thuong Cao, Thierry Roisnel, Alain Valleix, René Grée
Eur. J. Org. Chem. 2011, 3430-3436
DOI: 10.1002/ejoc.201100352
241. **Differential negative resistance in the current-voltage characteristics of a new palladium(II) metallomesogen**
Rosu Constantin, Manaila-Maximean Doina, Circu Viorel, Molard Yann, Roisnel Thierry

Liquid Crystals (2011), 38(6), 757-765
DOI: 10.1080/02678292.2011.573585

240. **Electronically Coupled Tetrathiafulvalene Electrophores across a Non-innocent Acetylido-Ruthenium Bridge**
Vacher Antoine, Barrière Frédéric, Roisnel Thierry, Piekara-Sady Lidia, Lorczy Dominique
Organometallics 2011, 30, 3570-3578
DOI: 10.1021/om200266q
239. **N-aryl pyrazoles: DFT calculations of CH acidity and deprotonative metallation using a combination of lithium and zinc amides**
Floris Chevallier, Yury S. Halauko, Christelle Pecceu, Ibrahim F. Nassar, To Uyen Dam, Thierry Roisnel, Vadim E. Matulis, Oleg A. Ivashkevich, and Florence Mongin
Org. Biomol. Chem., 2011, 9(12), 4671-4684
DOI: 10.1039/c1ob05267e
238. **2-Amino-3-carboxypyrazin-1-ium dihydrogen phosphate**
Fadila Berrah, Sofiane Bouacida and Thierry Roisnel
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(6), o1409-o1410
DOI: 10.1107/S1600536811017521
237. **Discrete, Solvent-free Alkaline-Earth Metal Cations: Metal center dot center dot center dot Fluorine Interactions and ROP Catalytic Activity**
Sarazin Yann, Liu Bo, Roisnel Thierry, Maron Laurent, Carpentier Jean-François
Journal of the American Chemical Society 133(23), 2011, 9069-9087
DOI: 10.1021/ja2024977
236. **A combined experimental and theoretical study of the thermal cycloaddition of aryl azides with activated alkenes**
Sarah Zeghada, Ghena Bentabed-Ababsa, Aïcha Derdour, Safer Abdelmounim, Luis R. Domingo, José A. Sáez, Thierry Roisnel, Ekhlasse Nassare and Florence Mongin
Org. Biomol. Chem., 2011, 9(11), 4295-4305
DOI: 10.1039/c1ob05176h
235. **Bis(5-amino-3-carboxy-1H-1,2,4-triazol-ium) sulfate dihydrate**
Ouakkaf Amira, Berrah Fadila, Bouacida Sofiane, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(5), o1171-o1172
DOI: 10.1107/S1600536811013882
234. **Preparation of chiral ruthenium(IV) complexes and applications in regio- and enantioselective allylation of phenols**
Zeyneb Sahli, Nolwenn Derrien, Simon Pascal, Bernard Demerseman, Thierry Roisnel, Frédéric Barrière, Mathieu Achard and Christian Bruneau
Dalton Trans., 2011, 40, 5625-5630
DOI: 10.1039/c0dt01812k
233. **Polymerization of Racemic β -Butyrolactone Using Gold Catalysts: A Simple Access to Biodegradable Polymers**
Emilie Brulé, Sylvain Gaillard, Marie-Noëlle Rager, Thierry Roisnel, Vincent Guérineau, Steven P. Nolan and Christophe M. Thomas
Organometallics (2011), 30(10), 2650-2653
DOI: 10.1021/om200271q
232. **Tetrathiafulvalene hydrazone an efficient precursor of various chelating electroactive ligands**

- Michel Guerro, Dam To Uyen, Saleha Bakhta, Bellara Kolli, Thierry Roisnel, Dominique Lorcy
Tetrahedron 67 (2011) 3427-3433
DOI: 10.1016/j.tet.2011.03.041
231. **Nickel-containing di-charged imidazolium ligand with high crystalline organization: Interception and characterization of a transient carbene/cation species.**
Kuhn Maria C. A., Lapis Alexandre A. M., Machado Giovanna, Roisnel Thierry, Carpentier Jean-François, Neto Brenno A. D., Casagrande Osvaldo L. Jr
Inorganica Chimica Acta (2011), 370(1), 505-512
DOI: 10.1016/j.ica.2011.02.060
230. **Characterization of the novel intermetallic compounds U_2Co_3Ge , $U_6Co_{12}Ge_4$ and $U_6Co_{12}Ge_4C$**
A. Soudé, O. Tougait, M.Pasturel, D. Kaczorowski, H. Noël and T. Roisnel
Journal of Alloys and Compounds (2011), 509(18), 5447-5452
DOI: 10.1016/j.jallcom.2011.02.094
229. **Bis (2-Amino-3-carboxypyridinium) sulfate trihydrate**
Fadila Berrah, Amira Ouakkaf, Sofiane Bouacida and Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(4), o953-o954
DOI: doi:10.1107/S1600536811010191
228. **Tris(piperazine-1,4-dium) bis[hexachloridoindate(III)] tetrahydrate**
Sofiane Bouacida, Ratiba Belhouas, Boubakeur Fantazi, Chaouki Boudaren and Thierry Roisnel
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(4), m400-m401
DOI: 10.1107/S1600536811007355
227. **Bis(3-hydroxymethylanilinium) hexachloridostannate(IV)**
Bouacida Sofiane, Kechout Habiba, Belhouas Ratiba, Merazig Hocine, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(4), m395
DOI: 10.1107/S1600536811007252
226. **Pyridyldithiafulvene as N-ligand towards molybdenum carbonyl complexes and evidence of protonation through hydrolysis of lead perchlorate**
Michel Guerro, Elodie Gontier, Thierry Roisnel and Dominique Lorcy
Journal of Organometallic Chemistry (2011), 696(7), 1367-1371
DOI: 10.1016/j.jorganchem.2010.12.040
225. **Bis (2-Amino-3-carboxypyrazin-1-ium) sulfate dihydrate**
Fadila Berrah, Amira Ouakkaf, Sofiane Bouacida and Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(3), o677-o678
DOI: 10.1107/S1600536811005824
224. **Bis(cytosinium) aquapentachloridoindate(III)**
Sofiane Bouacida, Ratiba Belhouas, Boubakeur Fantazi, Chaouki Boudaren and Thierry Roisnel
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(3), m317-m318
DOI: <http://dx.di.org/10.1107/S1600536811004235>
223. **A family of lanthanide-containing molecular open frameworks with high porosity: $[Ln(abdc)(Habdc), nH_2O]$ with $Ln = La - Eu$ and $8 \leq n \leq 11$**
Luo Yun, Calvez Guillaume, Freslon Stéphane, Daiguebonne Carole, Roisnel Thierry, Guillou Olivier
Inorganica Chimica Acta (2011), 368(1), 170-178
DOI: 10.1016/j.ica.2011.01.001

222. **Formation of a Dinuclear Mercury(II) Complex with a Regular Bis-Strapped Porphyrin Following a Tunable Cooperative Process**
Motreff Nicolas, Stéphane Legac, Michel Luhmer, Eric Furet, Jean-François Halet, Thierry Roisnel, Bernard Boitrel
Angewandte Chemie, International Edition (2011), 123(7), 1560-1564
DOI: 10.1002/anie.201007007
221. **2-Amino-3-carboxypyrazin-1-ium nitrate monohydrate**
Fadila Berrah, Amira Ouakkaf, Sofiane Bouacida and Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2011), E67(2), o525-o526
DOI: 10.1107/S1600536811003126
220. **Chiral-at-ansa-Bridged Group 4 Metallocene Complexes $\{(R^1R^2C)-(3,6-tBu_2Flu)(3-R^3-5-Me-C_5H_2)\}MCl_2$: Synthesis, Structure, Stereochemistry, and Use in Highly Isoselective Propylene Polymerization**
Kirillov Evgeny, Marquet Nicolas, Bader Manuela, Razavi Abbas, Belia Vincenzo, Hampel Frank, Roisnel Thierry, Gladysz John A., Carpentier Jean-François
Organometallics (2011), 30(2), 263-272
DOI: 10.1021/om100897j
219. **Neodymium borohydride complexes supported by diamino-bis(phenoxide) ligands: diversity of synthetic and structural chemistry, and catalytic activity in ring-opening polymerization of cyclic esters**
Sinenkov Mikhail A., Fukin Georgy K., Cherkasov Anton V., Ajellal Noureddine, Roisnel Thierry, Kerton Francesca M., Carpentier Jean-François, Trifonov Alexander A
New Journal of Chemistry (2011), 35(1), 204-212
DOI: 10.1039/c0nj00486c
218. **Zinc and magnesium complexes supported by bulky multidentate amino-ether phenolate ligands: potent pre-catalysts for the immortal ring-opening polymerisation of cyclic esters**
Poirier Valentin, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Dalton Transactions (2011), 40(2), 523-534
DOI: DOI:10.1039/c0dt01219j
217. **How do Nitriles Compare with Isoelectronic Alkynyl Groups in the Electronic Communication between Iron Centers Bridged by Phenylenebis- and -tris(nitrile) Ligands? An Electronic and Crystal-Structure Study**
Bonniard Laureline, Kahlal Samia, Diallo Abdou K., Ornelas Cátia, Roisnel Thierry, Manca Gabriele, Rodrigues Joao, Ruiz Jaime, Astruc Didier, Saillard Jean-Yves
Inorganic Chemistry (2011), 50(1), 114-124
DOI: 10.1021/ic101415c
[haut]

[2010]

216. **N-[(2-Chloro-8-methylquinolin-3-yl)methyl]-4-methoxyaniline**
Boulcina Raouf, Benhamoud Nassima, Bouacida Sofiane, Roisnel Thierry, Debache Abdelmadjid
Acta Crystallographica, Section E: Structure Reports Online (2010), E66(11), o2856-o2857
DOI: 10.1107/S1600536810041061

215. **Bis(dimethylsilyl)amide Complexes of the Alkaline-Earth Metals Stabilized by β -Si-H Agostic Interactions: Synthesis, Characterization, and Catalytic Activity.**
Sarazin Yann, Rosca Dragos, Poirier Valentin, Roisnel Thierry, Silvestru Anca, Maron Laurent, Carpentier Jean-François
Organometallics (2010), 29(23), 6569-6577
DOI: 10.1021/om100908q
214. **Ruthenium-Indenylidene Olefin Metathesis Catalyst with Enhanced Thermal Stability**
Anzhelika Kabro, Thierry Roisnel, Cédric Fischmeister and Christian Bruneau
Chem. Eur. J. 2010, 16, 12255-12261
DOI: 10.1002/chem.201001659
213. **Rietveld refinement of X-ray powder data and bond valence calculations of $NdSrNi_{0.5}Cr_{0.5}O_{4-\delta}$ compound**
Chaker Hanen, Roisnel Thierry, Ceretti Monica, Rached Ben Hassen
Powder diffraction, 2010 25(3) 241-246
DOI: 10.1154/1.3478715
212. **5,8-Dimethoxy-2-phenyl-1,4-dihydroquinoline-3-carbonitrile**
Ladraa Souheila, Bouraiou Abdelmalek, Bouacida Sofiane, Roisnel Thierry, Belfaitah Ali
Acta Cryst. (2010), E66(9), o2312-o2313
DOI: 10.1107/S1600536810031685
211. **N-Isopropyl-6-methyl-2-phenylquinoline-3-carboxamide**
Benzerka Saida, Bouraiou Abdelmalek, Bouacida Sofiane, Roisnel Thierry, Belfaitah Ali
Acta Cryst. (2010) E66, o2304-o2305
DOI: 10.1107/S1600536810031582
210. **One-Pot Synthesis of Quinoline Derivatives Directly from Terminal Alkynes via Sequential Ruthenium(II) and Acid Catalysis**
Zhang Min, Roisnel Thierry, Dixneuf Pierre H
Advanced Synthesis & Catalysis (2010), 352(11-12), 1896-1903
DOI: 10.1002/adsc.201000278
209. **Bis{N-[5-(4-methoxyphenyl)-1,3,4-oxadiazol-2-yl]ethanimidamido}copper(II)**
Y. Djebli, S. Mosbah, S. Boufas, L. Bencharif and T. Roisnel
Acta Crystallographica (2010) E66, m410
DOI: 10.1107/S1600536810009050
208. **Discrete, Base-Free, Cationic Alkaline-Earth Complexes - Access and Catalytic Activity in the Polymerization of Lactide**
Sarazin Yann, Poirier Valentin, Roisnel Thierry, Carpentier Jean-François
European Journal of Inorganic Chemistry (2010), (22), 3423-3428.
DOI: 10.1002/ejic.201000558
207. **Crystal structure and physical properties of the novel ternary intermetallics $URuSi_{3-x}$ and $U_3Ru_{2-x}Si_{7+x}$**
M. Pasturel, A. P. Pikul, M. Potel, T. Roisnel, O. Tougait, H. Noël and D. Kaczorowski
Journal of Solid State Chemistry, 183 (2010) 1884-1890
DOI: 10.1016/j.jssc.2010.06.008
206. **Tetrathiafulvalene hydrazone: efficient synthon for the synthesis of novel bidentate redox active ligands**
Bakhta Saleha, Guerro Michel, Kolli Bellara, Barriere Frédéric, Roisnel Thierry, Lorcy Dominique
Tetrahedron Letters (2010), 51(34), 4497-4500
DOI: 10.1016/j.tetlet.2010.06.088

205. **Synthesis of Tetrahydroisoquinoline Alkaloids via Anodic Cyanation as the Key Step**
Louafi Fadila, Hurvois Jean-Pierre, Chibani Aissa, Roisnel Thierry
Journal of Organic Chemistry (2010), 75(16), 5721-5724
DOI: 10.1021/jo100714y
204. **Characterization of a Six-Coordinate Ferrous High-Spin Heme with Both Intramolecular Axial Carboxylic Acid and Pyridine**
Hijazi Ismail, Roisnel Thierry, Even-Hernandez Pascale, Furet Eric, Halet Jean-Francois, Cador Olivier, Boitrel Bernard
Journal of the American Chemical Society (2010), 132(31), 10652-10653
DOI: 10.1021/ja103825g
203. **Deprotonative Metalation of Substituted Benzenes and Heteroaromatics Using Amino/Alkyl Mixed Lithium-Zinc Combinations**
Snegaroff Katia, Komagawa Shinsuke, Chevallier Floris, Gros Philippe C., Golhen Stéphane, Roisnel Thierry, Uchiyama Masanobu, Mongin Florence
Chemistry—A European Journal (2010), 16(27), 8191-8201
DOI: 10.1002/chem.201000543
202. **Group 3 metal complexes supported by tridentate pyridine- and thiophene-linked bis(naphtholate) ligands: synthesis, structure, and use in stereoselective ring-opening polymerization of racemic lactide and β -butyrolactone**
Grunova Ekaterina, Kirillov Evgueni, Roisnel Thierry, Carpentier Jean-François
Dalton Transactions (2010), 39(29), 6739-6752
DOI: 10.1039/b920283h
201. **Structural Characterization of Zinc and Iron (II/III) Complexes of a Porphyrin Bearing Two Built-in Nitrogen Bases. An Example of High-Spin Diaqua-Iron(III) Bromo Complex**
Ismail Hijazi, Thierry Roisnel, Pascale Even-Hernandez, Florence Geneste, Olivier Cador, Thierry Guizouarn, and Bernard Boitrel
Inorganic Chemistry (2010), 49(16), 7536-7544
DOI: 10.1021/ic1009384
200. **Functionalization of porphyrins: Towards the synthesis of Bifunctional Chelates for Lead and Bismuth**
Z. Halime, S. Balieu, B. Najjari, M. Lachkar, T. Roisnel, B. Boitrel
Journal of Porphyrins and Phthalocyanines (2010), 14(5), 412-420
DOI: 10.1142/S1088424610002215
199. **Alkylidene-ruthenium-tin catalysts for the formation of fatty nitriles via cross-metathesis of plant oil derivatives**
Xiaowei Miao, Anton Blokhin, Alexandr Pasynskii, Sergey Nefedov, Sergey N. Osipov, Thierry Roisnel, Christian Bruneau, Pierre Dixneuf
Organometallics, 2010, 29, 5257-5262
DOI: 10.1021/om100372b
198. **(η^6 -Arene) ruthenium(II) complexes and metallo-papain hybrid as Lewis acid catalysts of Diels-Alder reaction in water**
Talbi Barisa, Haquette Pierre, Martel Annie, de Montigny Frédéric, Fosse Céline, Cordier Stéphane, Roisnel Thierry, Jaouen Gérard, Salmain Michèle
Dalton Transactions (2010), 39(24), 5605-5607
DOI: 10.1039/c001630f

197. **New ternary intermetallics $RE_5Ru_3Al_2$ ($RE = La, Ce, Pr$): Synthesis, crystal structures, magnetic and electric properties**
 Murashova E. V., Tursina A. I., Bukhanko N. G., Nesterenko S. N., Kurenbaeva Zh. M., Seropegin Y. D., Noel H., Potel M., Roisnel T., Kaczorowski, D
Materials Research Bulletin (2010), 45(8), 993-999
 DOI: 10.1016/j.materresbull.2010.04.006
196. **New C_1 -Symmetric Ph_2C -Bridged Multisubstituted ansa-Zirconocenes for Highly Isospecific Propylene Polymerization: Synthetic Approach via Activated Fulvenes**
 Kirillov Evgeny, Marquet Nicolas, Razavi Abbas, Belia Vincenzo, Hampel Frank, Roisnel Thierry, Gladysz John A., Carpentier Jean-François
Organometallics (2010), 29(21), 5073-5082
 DOI: 10.1021/om100289y
195. $I_8Sb_{10}Ge_{36}$
 Mohammed Kars, Thierry Roisnel, Vincent Dorcet, Gómez-Herrero Adrian, Allaoua Rebbah and Otero-Díaz L. Carlos
Acta Cryst. (2010). E66, i47
 DOI: 10.1107/S1600536810017496
194. ***In Situ* neutron diffraction study of the high-temperature redox chemistry of $Ln_{3-x}Sr_{1+x}CrNiO_{8-\delta}$ ($Ln = La, Nd$) under hydrogen**
 Florent Tonus, Mona Bahout, Peter D. Battle, Thomas Hansen, Paul F. Henry and Thierry Roisnel
J. Mater. Chem. 2010, 20, 4103-4115
 DOI: 10.1039/b926282b
193. **Investigation of the protonation of a trisubstituted $[Fe_2(CO)_3(PPh_3)(\kappa^2-Phen)(\mu-pdt)]$ complex : Rotated versus Unrotated Intermediate Pathways**
 Orain Pierre-Yves, Capon Jean-François, Gloaguen Frédéric, Pétillon François, Schollhammer Philippe, Talarmin Jean, Zampella Giuseppe, De Gioia Luca, Roisnel Thierry
Inorg. Chem., 2010, 49 (11), pp 5003-5008
 DOI: 10.1021/ic100108h
192. **Clustomesogens : liquid crystal materials containing transition metal cluster**
 Yann Molard, Frédérick Dorson, Viorel Cîrcu, Thierry Roisnel, Franck Artzner, Stéphane Cordier
Angew. 49(19) 2010, 3351-3355
 DOI: 10.1002/anie.201000325
191. **Pyridyl-Dithiafulvenes as Precursors of Coordination-Driven Self-Assembled Redox Active Macrocycle**
 Elodie Gontier, Nathalie Bellec, Pierre Brignou, Arnaud Gohier, Michel Guerro, Thierry Roisnel and Dominique Lorcy
Organic Letters 2010, 12(10), 2386-2389
 DOI: 10.1021/ol1007422
190. **Deprotonative metalation of ferrocenes using mixed lithium-zinc and lithium-cadmium combinations**
 Gandrath Dayaker, Aare Sreeshailam, Floris Chevallier, Thierry Roisnel, Palakodety Radha Krishna and Florence Mongin
Chem. Comm., 2010, 46, 2862-2864
 DOI: 10.1039/b924939g

189. **1', 1''-Bis(ethynyl)Biferrocenyl-Bridges $FeCp^*(dppf)$ Units : Synthesis, Solid State Structures and Electronic Couplings**
Manja Lohan, Frédéric Justaud, Thierry Roisnel, Petra Ecorchard, Heinrich Lang and Claude Lapinte
Organometallics (2010), 29(21), 4804-4817
DOI: 10.1021/om100003z
188. **Design of a well-defined, silica-supported chiral Zn scaffold for enantioselective catalysis**
Jérémy Ternel, Laurent Delevoye, Francine Agbossou-Niedercorn, Thierry Roisnel, Régis Gauvin and Christophe Thomas
Dalton Trans., 2010, 39, 3802-3804
DOI: 10.1039/c003552c
187. **Coordination Studies of Bis-Strapped-Hanging-Carboxylate Porphyrins. X-Ray Characterization of a Five-coordinate Iron(II) Complex with a Built-in Axial Base**
Hijazi Ismail, Roisnel Thierry, Fourmigue Marc, Weiss Jean, Boitrel Bernard
Inorganic Chemistry 2010, 49(7), 3098-3100
DOI: 10.1021/ic1001072
186. **2-Bromoethyl 2-chloro-6-methylquinoline-3-carboxylate**
Saida Benzerka, Abdelmalek Bouraiou, Sofiane Bouacida, Thierry Roisnel and Ali Belfaitah
Acta Cryst. (2010) E66, o1006
DOI: 10.1107/S1600536810010160
185. **2-Chloroquinoline-3-carboxylic acid**
Ladraa Souheila, Bouraiou Abdelmalek, Bouacida Sofiane, Roisnel Thierry, Belfaitah Ali
Acta Cryst. (2010) E66, o693
DOI: 10.1107/S1600536810006501
184. **The thiocyanate anion as a polydentate halogen bond acceptor**
Cauliez Pascal, Polo Victor, Roisnel Thierry, Llusar Rosa, Fourmigué Marc
Cryst. Eng. Comm. (2010), 12(2), 558-566
DOI: 10.1039/b913559f
183. **Aluminium complexes of fluorinated β -diketonate ligands : syntheses, structures, intramolecular reduction, and use in ring-opening polymerization of lactide**
Bouhahyi Miloud, Roisnel Thierry, Carpentier Jean-François
Organometallics 2010, 29(2), 491-500
DOI: 10.1021/om9009312

[haut]

[2009]

182. **Metal-free Brønsted Acids Catalyzed Formal [3+3] Annulation. Straightforward Synthesis of 2H-Pyrans and 1,2-Dihydropyridines**
Julie Moreau, Claudie Hubert, Jessika Batany, Loïc Toupet, Thierry Roisnel, Jean-Pierre Hurvois, Jean-Luc Renaud
J. Org. Chem. 2009, 74, 8963-8973
DOI: 10.1021/jo901238y

181. **Electronic communication between metal-organic electrophores in an organometallic ruthenium-acetylide-tetrathiafulvalene complex**
Antoine Vacher, Frédéric Barrière, Thierry Roisnel and Dominique Lorcy
Chem. Comm. 46, 2009, 7200-7202
DOI: 10.1039/b915158c
180. **Versatile catalytic systems based on complexes of zinc, magnesium and calcium supported by a bulky bis(morpholinomethyl)phenoxy ligand for the large-scale immortal ring-opening polymerisation of cyclic esters**
Poirier Valentin, Roisnel Thierry, Carpentier Jean-François, Sarazin Yann
Dalton Transactions (2009), (44), 9820-9827
DOI: 10.1039/b917799j
179. **The first synthesis of 2-amino-1,4-dihydroquinolines**
Guillaume Viault, Danielle Grée, Thierry Roisnel, Srivari Chandrasekhar, René Grée
Tetrahedron 65 (2009) 10149-10154
DOI: 10.1016/j.tet.2009.10.018
178. **Zinc complexes of fluororous alkoxide-imino ligands: Synthesis, structure, and use in ring-opening polymerization of lactide and β -butyrolactone**
Grunova Ekaterina, Roisnel Thierry, Carpentier Jean-François
Dalton Transactions (2009), (41), 9010-9019
DOI: 10.1039/b902087j
177. **Polymerization of Enantiopure Monomers Using Syndiospecific Catalysts: A New Approach To Sequence Control in Polymer Synthesis**
Kramer John, Treitler Daniel, Dunn Erin, Castro Pascal, Roisnel Thierry, Thomas Christophe, Coates Geoffrey
Journal of the American Chemical Society (2009), 131(44), 16042-16044
DOI: 10.1021/ja9075327
176. **Tandem isomerization-Mannich reactions from allylic alcohols and their use for the preparation of four diastereoisomers of 1-amino-2-methyl-1-phenyloctan-3-ol**
Cao H. T., Roisnel T., Grée R.
Letters in Organic Chemistry, 2009, 6, 570-510
DOI: 10.2174/157017809789124858
175. **Zinc(II) complexes based on sterically hindered hydrotris(pyrazolyl)borate ligands: Synthesis, reactivity and solid-state structures**
Klitzke Joice S., Roisnel Thierry, Carpentier Jean-François, Casagrande Osvaldo L.
Inorganica Chimica Acta (2009), 362(12), 4585-4592
DOI: 10.1016/j.ica.2009.04.010
174. **Group 4 Post-metallocene Complexes Incorporating Tridentate Silyl-Substituted Bis(naphthoxy)pyridine and Bis(naphthoxy)thiophene Ligands: Probing Systems for "Oscillating" Olefin Polymerization Catalysis**
Kirillov Evgueni, Roisnel Thierry, Razavi Abbas, Carpentier Jean-François
Organometallics (2009), 28(17), 5036-5051
DOI: 10.1021/om900550s
173. **Electronic and Magnetic Couplings in Free and π -Coordinated 1,4-Diethynyl naphthalene-Bridged $[\text{Cp}^*(\text{dppe})\text{Fe}]_n^+$ ($n = 0, 1$) Units**
Tanaka Yuya, Shaw-Taberlet, Jennifer A., Justaud Frédéric, Cador Olivier, Roisnel Thierry,

- Akita Munetaka, Hamon Jean-René, Lapinte Claude
Organometallics (2009), 28(16), 4656-4669
DOI: 10.1021/om900352q
172. **The diastereoisomers 2-[(S/R)-2-chloro-3-quinolyl]-2-[(R)-1-(4-methoxyphenyl)ethylamino]acetonitrile at 100 K**
Souheila Ladraa, Abdelmalek Bouraiou, Sofiane Bouacida, Thierry Roisnel and Ali Belfaitah
Acta Cryst. 2009, c65, o475-o478
DOI: 10.1107/S010827010903193X
171. **Synthesis of new bicycloalkane derivatives from allylic alcohols/lactols by a tandem isomerization intramolecular aldolization process**
Mac D. H., Roisnel T., Branchadell V., Grée R.
Synlett, 2009, No. 12, 1969-1973
DOI: 10.1055/s-0029-1217527
170. **Asymmetric intermolecular cyclopropanation of alkenes by diazoketones catalyzed by Halterman iron porphyrins**
Irène Nicolas, Thierry Roisnel, Paul Le Maux and Gérard Simonneaux
Tetrahedron Letters 50 (2009) 5149-5151
DOI: 10.1016/j.tetlet.2009.06.131
169. **Thermodynamic and Structural Investigations on the Complexation Process of Dioxo Macrocyclic Ligands: Towards Neutral Copper Complexes at Physiological pH.**
Dechamps-Olivier Isabelle, Cadiou Cyril, Harakat Dominique, Roisnel Thierry, Chuburu Françoise, Hodacova Jana, Koscova Simona
European Journal of Inorganic Chemistry (2009), (20), 2929-2941
DOI: 10.1002/ejic.200900112
168. **Tetrathiafulvalenyl-acetylacetonate complexes of difluoroboron**
Guerro Michel, Roisnel Thierry, Lorcy Dominique.
Tetrahedron (2009), 65(31), 6123-6127
DOI: 10.1016/j.tet.2009.05.041
167. **A new class of bipyrimidine-based octupolar chromophores: synthesis, fluorescent and quadratic nonlinear optical properties**
H. Akdas-Kilig, I. Ledoux, T. Roisnel and H. Le Bozec
New Journal of Chemistry (2009), 33(7), 1470-1473
DOI: 10.1039/b907323j
166. **Bimetallic macrocycles involving tetrakis(diphenylphosphinoalkylthio) tetrathiafulvalene**
Gachot Grégory, Pellon Pascal, Roisnel Thierry, Lorcy Dominique
Journal of Organometallic Chemistry (2009), 694(16), 2531-2535
DOI: 10.1016/j.jorganchem.2009.04.006
165. **The first three-dimensional vanadium hypophosphite**
Hind A. Maouel, Véronique Alonzo, Thierry Roisnel, Houria Rebbah and Eric Le Fur
Acta Cryst. (2009) C65,i36-i38
DOI: 10.1107/S0108270109021325
164. **Dipotassium trimanganese(II) tetrakis(hydrogenphosphite), $K_2[Mn_3(HPO_3)_4]$**
Farida Hamchaoui, Véronique Alonzo, Thierry Roisnel, Houria Rebbah and Eric Le Fur
Acta Cryst. (2009) C65,i333-i35
DOI: 10.1107/S010827010901957X

163. **Crystal structure and magnetic properties of novel intermetallic compounds in the Er-Cu-Ga system**
B. Belgacem, M. Pasturel, O. Tougait, M. Potel, T. Roisnel, R. Ben Hassen, H. Noel
Journal of Alloys and Compounds 478 (2009) 89-95
DOI: 10.1016/j.jallcom.2008.12.022
162. **Use of *in situ* neutron diffraction to monitor high-temperature, solid/ H_2 gas reactions**
Florent Tonus, Mona Bahout, Paul F. Henry, Siân E. Dutton, Thierry Roisnel and Peter D. Battle
Chem. Commun., 2009, 2556-2558
DOI: 10.1039/b822419f
161. **Chromium(III) Complexes of Sterically Crowded Bidentate ONR and Tridentate ONNR Naphthoxy-Imine Ligands: Syntheses, Structures, and Use in Ethylene Oligomerization.**
Kirillov Evgueni, Roisnel Thierry, Razavi Abbas, Carpentier Jean-François
Organometallics (2009), 28(8), 2401-2409
DOI: 10.1021/om801196d
160. **A Combined Experimental and Theoretical Study of the Polar [3 + 2] Cycloaddition of Electrophilically Activated Carbonyl Ylides with Aldehydes and Imines**
Ghenia Bentabed-Ababsa, Aicha Derdour, Thierry Roisnel, Jose A. Sez, Patricia Prez, Eduardo Chamorro, Luis R. Domingo and Florence Mongin
Journal of Organic Chemistry (2009), 74(5), 2120-2133
DOI: 10.1021/jo8027104
159. **Aluminium and Yttrium Complexes of an Unsymmetrical Mixed Fluorous Alkoxy/Phenoxy-Diimino Ligand: Synthesis, Structure, and Ring-Opening Polymerization Catalysis**
Ali Alaaeddine, Christophe M. Thomas, Thierry Roisnel and Jean-François Carpentier
Organometallics (2009), 28(5), 1469-1475
DOI: 10.1021/om8010273
158. **Group 4 Metal Complexes of Fluorous (Di)Alkoxide-(Di)Imino Ligands: Synthesis, Structure, Olefin Polymerization Catalysis, and Decomposition Pathways**
Marquet Nicolas, Kirillov Evgueni, Roisnel Thierry, Razavi Abbas, Carpentier Jean-François
Organometallics (2009), 28(2), 606-620
DOI: 10.1021/om8009409
157. **Crystal structure and physical properties of a novel Kondo antiferromagnet: $U_3Ru_4Al_{12}$**
M. Pasturel, O Tougait, M. Potel, T. Roisnel, K. Wochowski, H. Noël and R. Troć
J. Phys.: Condens. Matter 21 (2009) 125401
DOI: 10.1088/0953-8984/21/12/125401

[haut]

[2008]

156. **Aluminium Complexes of Fluorinated Dialkoxy-Diimino Salen-like Ligands: Syntheses, Structures, and Use in Ring-Opening Polymerization of Cyclic Esters**
Miloud Bouyahyi, Ekaterina Grunova, Nicolas Marquet, Evgueni Kirillov, Christophe M. Thomas, Thierry Roisnel and Jean-François Carpentier

Organometallics, 2008, 27 (22), pp 5815-5825
DOI: 10.1021/om800651z

155. **Poly[tetraaqua- μ 4-squarato-di- μ 3-squarato-disamarium(III)]**
Akkari Hocine, Bouacida Sofiane, Benard-Rocherulle Patricia, Merazig Hocine, Roisnel Thierry
Acta Crystallographica, Section E: Structure Reports Online (2008), E64(12), m1566-m1567
DOI: 10.1107/S160053680803674X
154. **Zinc and enolato-magnesium complexes based on bi-, tri- and tetradentate aminophenolate ligands.**
Zheng Zhanjiang, Zhao Gang, Fablet Remy, Bouyahyi Miloud, Thomas Christophe M., Roisnel Thierry, Casagrande Osvaldo Jr., Carpentier Jean-François
New Journal of Chemistry (2008), 32(12), 2279-2291
DOI: 10.1039/b812754a
153. **Discrete versus in situ-generated aluminum-salen catalysts in enantioselective cyanosilylation of ketones: role of achiral ligands.**
Alaaeddine Ali, Roisnel Thierry, Thomas Christophe M., Carpentier Jean-François
Advanced Synthesis & Catalysis (2008), 350(5), 731-740
DOI: 10.1002/adsc.200700565
152. **Synthesis of new dipyridinylamine and dipyridinylmethane ligands and their coordination chemistry with Mg(ii) and Zn(ii)**
Zheng Zhanjiang, Elmkaddem Mohammed Kamal, Fischmeister Cédric, Roisnel Thierry, Thomas Christophe M., Carpentier Jean-François, Renaud Jean-Luc
New Journal of Chemistry (2008), 32(12), 2150-2158
DOI: <http://dx.doi.org/10.1039/b807258b>
151. **Influence of a pyrazyl linker on the physicochemical properties of homodinuclear bis(cyclen) and bis(cyclam) complexes**
El Ghachtouli Sanae, Cadiou Cyril, Dechamps-Olivier Isabelle, Chuburu Françoise, Aplincourt Michel, Roisnel Thierry, Turcry Veronique, Patinec Véronique, Le Baccon Michel, Handel Henri
European Journal of Inorganic Chemistry (2008), (30), 4735-47448
DOI: 10.1002/ejic.200800149
150. **Syntheses, Structures, and Properties of Some Piano-Stool Iron Acetylides Bearing a Functional Anthracenyl Group**
Montigny Frédéric, Argouarch Gilles, Roisnel Thierry, Toupet Loïc, Lapinte Claude, Lam Sally Chan-Fung, Tao Chi-Hang, Yam Vivian Wing-Wah
Organometallics; (Article); 2008; 27(8); 1912-1923
DOI: 10.1021/om701278e
149. **Group 3 Metal Complexes of Salen-like Fluorous Dialkoxy-Diimino Ligands: Synthesis, Structure, and Application in Ring-Opening Polymerization of *rac*-Lactide and *rac*- β -Butyrolactone**
Grunova E., Kirillov E., Roisnel T., Carpentier J.-F.
Organometallics, 2008, 27 (21), pp 5691-5698
DOI: 10.1021/om800611c
148. **Titanocene complexes of the N-methyl and N-phenyl-1,3-thiazoline-2-thione-4,5-dithiolates and 4,5-diselenolate ligands**
Samar Eid, Thierry Roisnel and Dominique Lorcy
Journal of Organometallic Chemistry (2008), 693(16), 2755-2760
DOI: 10.1016/j.jorganchem.2008.05.021

147. **A ruthenium(II) allenylidene complex with a 4,5-diazafluorene functional group: A new building-block for organometallic molecular assemblies**
Olivier Pélerin, Céline Olivier, Thierry Roisnel, Daniel Touchard, Stéphane Rigaut
Journal of Organometallic Chemistry 693 (2008) 2153-2158
DOI: 10.1016/j.jorganchem.2008.03.014
146. **Polar [3+2] cycloaddition of ketones with electrophilically activated carbonyl ylides. Synthesis of spirocyclic dioxolane indolinones**
Ghenia Bentabed-Ababsa, Aicha Derdour, Thierry Roisnel, Jose A. Sáez, Luis R. Domingo and Florence Mongin
Organic and Biomolecular Chemistry, 2008, 6, 3144-3157
DOI: 10.1039/b804856h
145. **Dithiafulvenylphosphine as P- and P,S-ligand towards metal carbonyl fragments**
Michel Guerro, Emmanuel Di Piazza, Xin Jiang, Thierry Roisnel, Dominique Lorcy
Journal of Organometallic Chemistry (2008), 693(13), 2345-2350
DOI: 10.1016/j.jorganchem.2008.04.011
144. **Synthesis of Alkaloids of Galipea officinalis by Alkylation of an α -Amino nitrile**
Saurabh Shahane, Fadila Louafi, Julie Moreau, Jean-Pierre Hurvois, Jean-Luc Renaud and Thierry Roisnel
Eur. J. Org. Chem. 2008, 4622-4631
DOI: 10.1002/ejoc.200800512
143. **Isolation, X-ray Crystal Structure and Reactivity of a New C-H carbene Complex of (5,10,15,20-tetraphenylporphyrinato)ruthenium(II)**
Paul Le Maux, Gérard Simonneaux, Thierry Roisnel
Organometallics, 2008; 27(13); 3037-3042
DOI: 10.1021/om800289v
142. **Intramolecular Optical Electron Transfer in Mixed-Valent Dinuclear Iron - Ruthenium Complexes Featuring a 1,4-Diethynylaryl Spacer**
Gauthier Nicolas, Olivier Céline, Rigaut Stéphane, Touchard Daniel, Roisnel Thierry, Humphrey Mark G., Paul Frédéric
Organometallics, 2008, 27(6), 1063-1072
DOI: 10.1021/om700584m
141. **Magnetic domains and anisotropy in single crystals of $Er(Co, Mn)O_3$**
A.B. Antunes, M. Ceretti, W. Paulus, T. Roisnel, V. Gil, C. Moure, O. Peña
Journal of Magnetism and Magnetic Materials (2008), 320(14)
DOI: 10.1016/j.jmmm.2008.02.018
140. **First insights into the protonation of dissymmetrically disubstituted di-iron azadithiolate models of the [FeFe]H₂ases active site**
Ezzaher Salah, Orain Pierre-Yves, Capon Jean-François, Gloaguen Frédéric, Pétillon François Y., Roisnel Thierry, Schollhammer Philippe, Talarmin Jean
Chemical Communications 2008, (22), 2547-2549
DOI: 10.1039/b801373j
139. **Haptotropic Rearrangements in Sandwich (Fluorenyl)(Cyclopentadienyl) Iron and Ruthenium Complexes**
Evgueni Kirillov, Samia Kahlal, Thierry Roisnel, Thomas Georgelin, Jean-Yves Saillard and Jean-François Carpentier
Organometallics, 2008, 27(3); 387-393.
DOI: 10.1021/om701109z

138. **Postsynthetic Modification of C3-Symmetric Aza- β^3 -Cyclohexapeptides**
Philippe Le Grel, Arnaud Salaün, Clémence Mocquet, Barbara Le Grel, Thierry Roisnel and Michel Potel
Journal of Organic Chemistry, 2008, 73(4); 1306-1310
DOI: 10.1021/jo7021394
137. **4-Nitrophenyl α -L-rhamnopyranoside hemihydrate**
Pauline Peltier, Richard Daniellou, Thierry Roisnel, Caroline Nugier-Chauvin and Vincent Ferrières
Acta Cryst (2008) E64, o379
DOI: 10.1107/S1600536807068195
136. **On the crystal structure of new series of compounds, $RPt_{2+x}Sb_{2-y}$ (x=0.125, y=0.25 ; R=La, Ce, Pr)**
O.L. Sologub, L.P. Salamakha, H. Noël, T. Roisnel, A.P. Gonçalves
Journal of Alloys and Compounds 450 (2008) 215-221
DOI: 10.1016/j.jallcom.2006.10.073
135. **Synthesis and solid-state molecular structure of a trans-substituted meso-porphyrins with thienyl pendant arms**
Paul-Roth Christine O., Letessier Julien, Juillard Sandrine, Simonneaux Gérard, Roisnel Thierry, Rault-Berthelot Joëlle
Journal of Molecular Structure (2008) 872, 105-112
DOI: 10.1016/j.molstruc.2007.02.026
[haut]
- [2007]
134. **Application of the Intramolecular Isomerisation-Aldolisation from Allylic Alcohols and Allylic Silyethers to the Synthesis of Indanones and Indenones**
Julien Petriguet, Thierry Roisnel and René Grée
Chem. Eur. J. (2007) 0., 7374-7384
DOI: 10.1002/chem.200700613
133. **Highly isospecific styrene polymerization catalysed by single-component bridged bis(indenyl) yttrium and neodymium complexes**
Rodrigues Anne-Sophie, Kirillov Evgueni, Roisnel Thierry, Razavi Abbas, Vuillemin Bruno, Carpentier Jean-François
Angewandte Chemie (2007) 46, 7240-7243
DOI: 10.1002/anie.200702353
132. **$La_3Ru_8B_6$ and $Y_3Os_8B_6$, new members of a homologous series $R(A)_nM_{3n-1}B_{2n}$**
O.L. Sologub, L.P. Salamakha, T. Roisnel, H. Noël, A.P. Gonçalves
Journal of Solid State Chemistry, vol. 180 (2007) 2740-2746
DOI: 10.1016/j.jssc.2007.02.019
131. **Influence of the Thiazole Backbone on the Structural, Redox, and Optical Properties of Dithiolen and Diselenolene Complexes**
Samar Eid, Marc Fourmigué, Thierry Roisnel and Dominique Lorcy
Inorg Chem. 2007, 46(25), 10647-10654
DOI: 10.1021/ic7013682

130. **X-ray powder diffraction investigation for new precursors of oxynitrides: rare earth oxide compounds of fluorite - and scheelite - type structures in the Y-(Sr,W)-O system**
Pascal Maillard, Patricia Bénard-Rocherullé, Thierry Roisnel, Franck Tessier
Powder Diffraction, vol. 22(4), 2007, 344-351
DOI: 10.1154/1.2796189
129. **Synthesis and crystal structure of anhydrous copper suberate:**
[Cu₂(OOC - (CH₂)₆ - COO)₂]
Djeghri Assia, Balegroune Fadila, Guehria-Laidoudi Achoura, Roisnel Thierry
Journal of Chemical Crystallography, Volume 37, Number 2, February 2007, pp. 97-101(5)
DOI: 10.1007/s10870-006-9154-9
128. **Ligand-activated Lithium-Mediated Zincation of N-Phenylpyrrole**
Anne Seggio, Marie-Isabelle Lannou, Floris Chevalier, Daisuke Nobuto, Masanobu Uchiyama, Stéphane Golhen, Thierry Roisnel and Florence Mongin
Chemistry A. European Journal (2007), vol. 13, 9982-9989
DOI: 10.1002/chem.200700608
127. **Chelating ability of aconjugated redox active tetrathiafulvalenyl-acetylacetonate ligand**
Bellec Nathalie, Massue Julien, Roisnel Thierry, Lorcy Dominique
Inorg. Chem. Comm. 10 (2007) 1172-1176
DOI: 10.1016/j.inoche.2007.07.003
126. **Neutron diffraction evidence for a cationic order in the REMn_{0.5}Ni_{0.5}O₃ RE=La, Nd) and YMn_{0.5}Co_{0.5}O₃ perovskites**
Mouallem-Bahout M., Roisnel T., Bourée F., André G., Moure C., Peña O.
Progress in Solid State Chemistry (2007) 35(2-4), 257-264
DOI: 10.1016/j.progsolidstchem.2007.01.004
125. **Allyl Ansa-Lanthanidocenes: Single-Component, Single-Site Catalysts for Controlled Syndiospecific Styrene and Styrene-Ethylene (Co) Polymerization**
Rodrigues Anne-Sophie, Kirillov Evgueni, Lehmann Christian W., Roisnel Thierry, Vuillemin Bruno, Razavi Abbas, Carpentier Jean-François
Chem. Eur. J. 2007, 13(19) 5548-5565
DOI: 10.1002/chem.200601708
124. **Magnesium complexes based on an amido-bis(pyrazolyl) ligand: synthesis, crystal structures and use in lactide polymerization**
Lian Bing, Thomas Christophe M., Casagrande Osvaldo L. Jr., Roisnel Thierry, Carpentier Jean-François
Polyedron (2007) 26(14) 3817-3824
DOI: 10.1016/j.poly.2007.04.022
123. **Cysteine-specific, covalent anchoring of transition organometallic complexes to the protein papain from Carica papaya**
Haquette P., Salmain M., Svedlung K., Martel A., Rudolf B., Zakrzewski J., Cordier S., Roisnel T., Fosse C., and Jaouen G.
Chembiochem, 8:224-231, 2007
DOI: 10.1002/cbic.200600387
122. **Ce₂Ru₂In₃ and Ce₃Ru₂In₂: Site exchange in ternary indides of a new structure type**
A.I. Tursina, Zh.M. Kurenbaeva, A.V. Gribanov, H. Noel, T. Roisnel, Y.D. Seropegin
Journal of Alloys and Compounds, Volume 442, Issues 1-2, 13 September 2007, Pages 100-103
DOI: 10.1016/j.jallcom.2006.09.146

121. **Down to the quantum limit at the Neutral-to-Ionic phase transition of (BEDT – TTF) – (ClMe – TCNQ) symmetry analysis and phase diagram**
 Marie-Hélène Lemée-Cailleau, E. Collet, M. Buron-Le Cointe, N. Grach, B. Ouladdiaf, F. Moussa, T. Hasegawa, Y. Takahashi, T. Roisnel, H. Cailleau
J. Phys. Chem. B. 2007; 111(22) 6167-6172
 DOI: 10.1021/jp0671291
120. **trans-3-(2-Chloro-3-quinolyl)-1-phenyl-2,3-epoxypropan-1-one**
 Boulcina Raouf, Bouacida Sofiane, Roisnel Thierry, Debache Abdelmadjid
Acta Cryst. (2007). E63, o3795-o3796
 DOI: 10.1107/S1600536807039335
119. **Diethyl 4-(4-bromophenyl)-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylate**
 Boulcina Raouf, Bouacida Sofiane, Roisnel Thierry, Debache Abdelmadjid
Acta Cryst. (2007). E63, o3635-o3636
 DOI: 10.1107/S160053680703646X
118. **The solid solution $Co_{4.32}Mn_{2.68}(HPO_4)_4(PO_4)_2$**
 Boudraa Mhamed, Merazig Hocine, Bouacida Sofiane, Bénard-Rocherullé Patricia, Roisnel Thierry
Acta Cryst. (2007). E63, i168-i169
 DOI: 10.1107/S1600536807031352
117. **3-(1,3-Dioxolan-2-yl)-6,7-dimethoxyquinoline**
 Benameur Ahmed, Rhouati Salah, Bouacida Sofiane, Roisnel Thierry, Touchard Daniel
Acta Cryst. (2007). E63, o3315-o3316
 DOI: <http://dx.doi.org/10.1107/S160053680703019X>
116. **Coordination and Structural Studies of Oyster-like Porphyrins**
 Halime Zakaria, Lachkar Mohammed, Roisnel Thierry, Richard Philippe, Boitrel Bernard
Inorg. Chem. 2007; 46(16); 6338-6346
 DOI: <http://dx.doi.org/10.1021/ic0703272>
115. **Cation distribution and ferromagnetic exchange in the $YMn_{0.5}Co_{0.5}O_3$ perovskite investigated by neutron powder diffraction**
 M. Mouallem-Bahout, T. Roisnel, G. André, C. Moure and O. Peña
Journal of Solid State Chemistry, Volume 180, Issue 5, May 2007, Pages 1737-1742
 DOI: 10.1016/j.jssc.2007.02.022
114. **Bismuth and Lead Hanging-Carboxylate Porphyrins: An Unexpected Homobimetallic Lead(II) Complex**
 Zakaria Halime, Mohammed Lachkar, Thierry Roisnel, Eric Furet, Jean-François Halet and Bernard Boitrel
Angewandte Chemie, 2007, 119, 1-6
 DOI: 10.1002/anie.200700543
113. **New Multidimensional Coordination Polymers with μ_2- and μ_3- dcno Cyano Carbanion Ligand ($dcno- = [(NC)_2CC(O)O(CH_2)_2OH]-$)**
 Samia Benmansour, Fatima Setifi, Smail Triki, Jean-Yves Salaün, Fanny Vandeveld, Jean Sala-Pala, Carlos J. Gómez-García, Thierry Roisnel
European Journal of Inorganic Chemistry, Volume 2007, Issue 1, Date: January 2007, Pages: 186-194
 DOI: 10.1002/ejic.200600449

112. **Benzyl 4,6-di-O-acetyl-2-O-benzoyl- β -D-glucopyranoside**
Cédric Gervaise, Richard Daniellou, Thierry Roisnel, Caroline Nugier-Chauvin and Vincent Ferrières
Acta Crystallographica (2007) E63, o2286-02288
DOI: 10.1107/S1600536807015255
111. **Electronic interactions in 1-ethynyl-2-phenyltetramethyldisilanes**
 $HCCSiMe_2SiMeC_6H_4X$
Jennifer A. Shaw-Taberlet, Jean-René Hamon, Thierry Roisnel, Claude Lapinte, Michaela Flock, Thomas Mitterfellner, Harald Stueger
Journal of Organometallic Chemistry 692 (2007) 2046-2055
DOI: 10.1016/j.jorganchem.2007.01.024
110. **The synthesis, structural characterization and magnetic properties of compounds in the Ln_2O_3 - SrO - NiO - CuO system for $Ln = La, Nd, Gd, Dy, Ho$ and Er**
Hanen Chaker, T. Roisnel, M. Ceretti and R. Ben Hassen
Journal of Alloys and Compounds, Volume 431, Issues 1-2, 4 April 2007, Pages 16-22
DOI: 10.1016/j.jallcom.2006.05.051
109. **Chiral Fluorous Dialkoxy-Diamino Zirconium Complexes: Synthesis and Use in Stereospecific Polymerization of 1-Hexene**
Evgueni Kirillov, Laurent Lavanant, Christophe Thomas, Thierry Roisnel, Yun Chi, Jean-François Carpentier
Chemistry - A European Journal, Volume 13, Issue 3, Date: January 12, 2007, Pages: 923-935
DOI: 10.1002/chem.200600895
108. **Aluminium and zinc complexes based on an amno-bis(pyrazolyl) ligands: synthesis, structures and use in MMA and lactide polymerization**
Lian Bing, Thomas Christophe M., Casagrande Osvaldo L. Jr., Lehmann Christian W., Roisnel Thierry, Carpentier Jean-François
Inorg. Chem 46(1) 2007, 328-340
DOI: 10.1021/ic061749z
- [haut]

[2006]

107. **Functionalization of Porphyrins: Mechanistic Insights, Conformational Studies and Structural Characterisations**
Zakaria Halime, Sébastien Balieu, Mohamed Lachkar, Thierry Roisnel, Philippe Richard and Bernard Boitrel
Eur. J. Org. Chem 2006 (5), 1207-1215
DOI: 10.1002/ejoc.200500685
106. **Synthesis and vibrational circular dichroism of enantiopure chiral oxorhenium(V) complexes containing the hydrotis(1-pyrazolyl)borate ligand**
Peter R. Lassen, Laure Guy, Iyad Karame, Thierry Roisnel, Nicolas Vanthuyne, Christian Rousel, Xiaolin Cao, Rosina Lombardi, Jeanne Crassous, Teresa B. Freedman and Laurence A. Nafie
Inorg. Chem 45(25) (2006) 10230-10239
DOI: 10.1021/ic061418m

105. **Stereoselective synthesis of functionalized 1,3 diols through the tandem isomerisation aldolization reaction mediated by nickel catalysts**
Julien Petrignet, Thierry Roisnel and René Grée
Tetrahedron Letters 47 (2006) 7745-7748
DOI: 10.1016/j.tetlet.2006.08.125
104. **Stereoelectronic Effects of the Arenophile ($\eta^5 - Cp^*$)Ru⁺ in Electron-Rich s-Arylacetylide Iron Complexes Including Redox-Driven Haptotropic Rearrangement: An Approach toward Readable Binary Molecular Memory Components**
Jennifer A. Shaw-Taberlet, Sourisak Sinbandhit, Thierry Roisnel, Jean-René Hamon and Claude Lapinte
Organometallics (2006), 25, 5311-5325
DOI: 10.1021/om060575q
103. **Supramolecular networks of transition metal sulfates templated by piperazine**
Walid Rekik, Houcine Naïli, Thierry Bataille, Thierry Roisnel and Tahar Mhiri
Inorganica Chimica Acta 359 (2006) 3954-3962
DOI: 10.1016/j.ica.2006.05.030
102. **Redox-Active 17- and 19-Membered Metallamacrocycles Incorporating Tetrathiafulvalene**
Grégory Gachot, Pascal Pellon, Thierry Roisnel, Dominique Lorcy
European Journal of Inorganic Chemistry, Volume 2006, Issue 13, Date: July 2006, Pages: 2604-2611
DOI: 10.1002/ejic.200600101
101. **Di-organoiron Mixed Valent Complexes Featuring ($\eta^2 - dppe$)($\eta^5 - C_5Me_5$)Fe* End-groups: Smooth Class-III to Class-II Transition Induced by Successive Insertion of 1,4-Phenylene Units in a Butadiyne-Diyl Bridge**
Ghazala Safaa Ibn, Paul Frédéric, Toupet Loïc, Roisnel Thierry, Hapiot Philippe, Lapinte Claude
J. Am. Chem. Soc.; (Article); 2006; 128(7); 2463-2476
DOI: 10.1021/ja057665r
100. **Cyclen- and cyclam-pyridine)copper complexes : the role of the pyridine moiety in CuII and CuI stabilisation**
El Ghachtouli Sanae, Cadiou Cyril, Dechamps-Olivier Isabelle, Chuburu Françoise, Aplincourt Michel, Roisnel Thierry
European Journal of Inorganic Chemistry, 17 (2006) 3472-3481
DOI: 10.1002/ejic.200600297
99. **Trithiaazafulvalene: A Promising Building Block between Tetrathiafulvalene and Dithia-diazafulvalene**
Samar Eid, Michel Guerro, Thierry Roisnel and Dominique Lorcy
Org. Lett.; 2006; 8(11) pp 2377 - 2380
DOI: 10.1021/o1060705r
98. **Hydrothermal synthesis, crystal structure and thermal behaviour of the first lanthanide sulfato-squarate $La_2(H_2O)_4(SO_4)_2(C_4O_4)$**
Akkari Hocine, Bénard-Rocherullé Patricia, Merazig Hocine, Roisnel Thierry, Rocherullé Jean
Solid state sciences 8 (2006) 704-715
DOI: 10.1016/j.solidstatesciences.2006.01.015
97. **Nickel(II) complexes of cyclen- and cyclam-pyridine: topological reorganisations induced by electron transfer**

- El Ghachtouli Sanae, Cadiou Cyril, Dechamps-Olivier Isabelle, Chuburu Françoise, Aplincourt Michel, Patinec Véronique, Le Baccon Michel, Handel Henri, Roisnel Thierry
New J. Chem., 2006, 30, 392-398
DOI: 10.1039/b515107d
96. **Highly Active, Productive, and Syndiospecific Yttrium Initiators for the Polymerization of Racemic β -Butyrolactone**
Abderramane Amgoune, Christophe Thomas, Simona Llinca, Thierry Roisnel, Jean-François Carpentier
Angew.Chem.Int.Ed. 2006, 45(17), 2782-2784
DOI: 10.1002/anie.200600058
95. **Neutron powder diffraction studies of $NdSrNi_{1-x}Cu_xO_{4-\delta}$, $0 \leq x \leq 1$ and magnetic properties**
Chaker Hanen, Roisnel T., Cador O., Amami M., Ben Hassen R.
Solid State Sciences 8 (2006) 142-148
DOI: 10.1016/j.solidstatesciences.2005.10.009
94. **Bonding and Substituent Effects in Electron-Rich Mononuclear Ruthenium σ -Arylacetylides of the Formula $[(\eta^2 - dppe)(\eta^5 - C_5Me_5)Ru(CC) - 1.4 - (C_6H_4)X][PF_6]_n$ ($n = 0, \dots$; $X = NO_2, CN, F, H, OMe, NH_2$)**
Frédéric Paul, Benjamin G. Ellis, Michael I. Bruce, Loic Toupet, Thierry Roisnel, Karine Costuas, Jean-François Halet, and Claude Lapinte
Organometallics 2006, 25, 649-665
DOI: 10.1021/om050799t
93. **O_2 and CO binding to Tetraaza-Tripodal-Capped Iron (II) Porphyrins**
Christian Ruzié, Pascale Even, David Ricard, Thierry Roisnel and Bernard Boitrel
Inorg. Chem. 2006, 45, 1338-1348
DOI: 10.1021/ic0514703
- [haut]
- [2005]
92. **Ring-Opening Polymerization of Lactide By Using Group 3 Metal Complexes Supported by Dianionic Alkoxyaminobis(phenolate) Ligands: Combining High Activity, Productivity, and Selectivity**
Abderramane Amgoune, Christophe M. Thomas, Thierry Roisnel, Jean-François Carpentier
Chem. Eur. J., 2005, 12(1), 169-179
DOI: 10.1002/chem.200500856
91. **Crystal Structures of Aza-3-peptides, A New Class of Foldamers Relying on a Framework of Hydrazinoturns**
Salaun A., Potel M., Roisnel T., Gall P., Le Grel P.
J. Org. Chem. (2005) 70(16), 6499-6502
DOI: 10.1021/jo050938g
90. **Crystal structure of the new ternary aluminide $CeRu_{3-x}Al_{10+x}$ ($x = 0.17$)**
A.I. Tursina, N.G. Bukhan'ko, A.V. Gribanov, H. Noël, T. Roisnel and Y.D. Seropegin
Journal of Alloys and Compounds, vol. 400 (1-2), 2005, 194-196
DOI: 10.1016/j.jallcom.2005.03.051

89. **Electron Transfer and Electron Exchange between $[Cp^*(dpppe)Fe]^{n+}$ ($n = 0, 1$) Building Blocks Mediated by the 9,10-bis(Ethynyl)anthracene Bridge**
De Montigny Frédéric, Argouarch Gilles, Costuas Karine, Halet Jean-François; Roisnel Thierry, Toupet Loïc, Lapinte Claude
Organometallics, 2005, 24, 4558
DOI: 10.1021/om050403d
88. **Electroactive ligands: the first Metal Complexes of Tetrathiafulvenyl-Acetylacetonate**
Julien Massue, Nathalie Bellec, Stéphanie Chopin, Eric Levillain, Thierry Roisnel, Rodolphe Clérac and Dominique Lorcy
Inorg. Chem. 2005, 44, 8740-8748
DOI: <http://dx.doi.org/10.1021/ic051017r>
87. **Solid state synthesis, structures and redox properties of the new $[Mo_6Br_7^iTeBr_6^a]^{3-}$ and $[Mo_6Br_7^iTe_6Br_6^a]^{3-}$ octahedral cluster units: crystallochemistry of the $Rb_{2+x}Mo_6Br_{8x}Y_x^iBr_6^a$ series ($x = 0.5$ for $Y = Te$; $0.25 \leq x \leq 0.7$ for $Y = Se$) and $Rb_2Mo_6Br_{14}$**
Kaplan Kirakci, Stéphane Cordier, Olivier Hernandez, Thierry Roisnel, Frédéric Paul and Christiane Perrin
Journal of Solid State Chemistry, Volume 178, Issue 10, October 2005, Pages 3117-3129
DOI: 10.1016/j.jssc.2005.07.026
86. **Redox-Active Dithiaflvenyldiphenylphosphine as a Mono- or Bidentate Ligand: Intramolecular Coupling Reaction in the Coordination Spher of a Metal Carbonyl Fragment**
Michel Guerro, Thierry Roisnel, Pascal Pellon, Dominique Lorcy
Inorganic Chemistry 2005, 44(9), 3347-3355
DOI: 10.1021/ic0501465
85. **Third-order nonlinear optical properties of some electron-rich iron mono- and trinuclear alkynyl complexes**
Cifuentes Marie P., Humphrey Mark G., Morrall Joseph P., Samoc Marek, Paul Frédéric, Lapinte Claude, Roisnel Thierry
Organometallics, 2005, 24(17), 4280-4288
DOI: 10.1021/om050030g
84. **Structure and magnetic properties of $Ln_2[Cu(opba)]_3(DMSO)_6(H_2O).H_2O$ compounds with $Ln=La-Lu$ exhibiting ladder-like molecular motifs**
Nicolas Kerbellec, Nathalie Lahé, Olivier Guillou, Carole Daiguebonne, Olivier Cador, Thierry Roisnel and Robert Lucas Oushoorn
Inorganica Chimica Acta 247 (2005) 3246-3252
DOI: 10.1016/j.ica.2004.11.048
83. **Crystal structure of bis(tetrabutylammonium) tetradecabromohexamolybdate, $[(C_4H_9)_4N]_2[Mo_6Br_{14}]$ at 100 K and 293 K**
K. Kirakci, S. Cordier, T. Roisnel, S. Golhen and C. Perrin
Z. Kristallogr. NCS (2005), 220(1), 116-118
ftp://ftp.oldenbourg.de/pub/download/frei/ncs/220-1/1267-1445_1446.pdf
82. **Solid state characterization of the $[(\eta^2-dppe)(\eta^5-C_5Me_5)FeCO]^+$ cation: an unexpected oxydation product of the $[(\eta^2-dppe)(\eta^5-C_5Me_5)FeC \equiv C(C_6H_4)NMe_2]^+$ radical cation**
Frédéric Paul, Loïc Toupet, Thierry Roisnel, Paul Hamon, Claude Lapinte
Comptes Rendus Chimie, Volume 8, Issue 8, August 2005, Pages 1174-1185
DOI: 10.1016/j.crci.2004.11.036

81. **Polynuclear Lanthanide Hydroxo Complexes : New Chemical Precursors for Coordination Polymers**

N. Mahé, O. Guillou, C. Daiguebonne, Y. Gérault, A. Caneschi, C. Sangregorio, J-Y Chane-Ching, P.E. Car, T. Roisnel

Inorg. Chem.; (Article); 2005; 44(22); 7743-7750

DOI: 10.1021/ic0401086

[haut]

[2004]

80. **4-Hydroxy-6-methyl-3-(5-phenyl-2E,4E-pentadien-1-oyl)-2H-pyran-2-one: Synthesis and Reactivity with Amines**

Nabila Ait-Baziz, Yahia Rachedi, Maamer Hamdi, Artur M. S. Silva, F. Balegroune, Roisnel Thierry, N. Sellier

Journal of Heterocyclic Chemistry, 2004, 41(4)

DOI:

79. **Syntheses and crystal structures of the compounds $In_{3.7}Mo_{15}S_{19}$, $In_{1.6}Rb_2Mo_{15}S_{19}$, $In_{2.2}CsMo_{15}S_{19}$ and $ScTl_2Mo_{15}S_{19}$ containing Mo_6 and Mo_9 clusters**

Diala Salloum, Patrick Gougeon, Thierry Roisnel and Michel Potel

Journal of Alloys and Compounds 383 (2004) 57-62

DOI: 10.1016/j.jallcom.2004.04.008

78. **Refinement of the crystal structure of diaquabis(μ -succinato)dicopper(II) didrydate**

Djeghri A., Balegroune F., Guehria-Laidoudi A., Roisnel T.

Zeitschrift für Kristallographie, New Crystal Structures (2004) 219(4) 471-472

<http://ftp.oldenbourg.de/pub/download/frei/ncs/219-4/1267-1386.pdf>

77. **Structural and electrical changes in $NdSrNiO_{4-\delta}$ by substitute Nickel with Copper**

H. Chaker, T. Roisnel, M. Potel and R. Ben Hassen

Journal of Solid State Chemistry 177 (2004) 4067-4072

DOI: 10.1016/j.jssc.2004.06.028

76. **Intra- and inter-molecular charge transfer in metal-insulator switching compound**

$(EDO - TTF)_2PF_6$

N. Claïser, B. Arnaud, G. Roger, L. Toupet, T. Roisnel, A. Ota, H. Yamochi, G. Saito and P. Rabiller

Acta Cryst. (2004). A60, s179

<http://journals.iucr.org/a/issues/2004/a1/00/a31548/a31548.pdf>

75. **Synthesis, structure and oxygen stoichiometry of a new family $NdSrNi_{1-x}Cu_xO_{4-\delta}$ ($0 \leq x \leq 1$)**

H. Chaker, R. Ben Hassen, T. Roisnel, M. Potel and T. Bataille

Acta Cryst. (2004) A60, s253

<http://journals.iucr.org/a/issues/2004/a1/00/a31696/a31696.pdf>

74. **A three-dimensional network coordination adipato-bridged barium(II) polymer**

F. Balegroune, A. Djeghri, A. Guehria-Laidoudi, P. Briard and T. Roisnel

Acta Cryst. (2004) A60, s285

<http://journals.iucr.org/a/issues/2004/a1/00/a31759/a31759.pdf>

73. **Nuclear and magnetic order in $Y(Ni, Mn)O_3$ manganites by neutron powder diffraction**
M. Mouallem-Bahout, T. Roisnel, G. André, D. Gutierrez, C. Moure, O. Pena
Solid State Communication volume 129 Issue 4, January 2004, pages 255-260
DOI: 10.1016/j.ssc.2003.09.039
72. **New FullProf Installer for Windows with WinPLOT, EDPCR graphical control**
Juan Rodriguez-Carvajal, Javier Gonzalez-Platas and Thierry Roisnel
Commission on Powder Diffraction, Newsletter n° 31 (2004), 49
http://www.iucr.org/_data/assets/pdf_file/0014/21623/cpd31.pdf
71. **Photoinduced spin transition probed by X-ray diffraction**
Nolwenn Huby, Laurent Guérin, Eric Collet, Loic Toupet, Jean-Claude Ameline and Hervé Cailleau, Thierry Roisnel, Takeshi Tayagaki and Koichiro Tanaka
Physical Review B 69, 020101(R) 2004
DOI: 10.1103/PhysRevB.69.020101
70. **Synthesis and characterization of the novel $Nb_3O_5F_5$ niobium oxyfluoride: the term $n = 3$ of $Nb_nO_{2n-1}F_{n+2}$ series**
Stéphane Cordier, Thierry Roisnel and Marcel Poulain
Journal of Solid State Chemistry 177 (2004) 3120-3127
DOI: 10.1016/j.jssc.2004.05.032
69. **Line Broadening Analysis using Fullprof: Determination of Microstructural Properties**
J. Rodriguez-Carvajal and T. Roisnel
Materials Science Forum, Vols.443-444 (2004) pp. 123-126
DOI: <http://www.scientific.net/MSF.443-444.123>

[haut]

[2003]

68. **Re-investigation of the $Er^{III} - C_2O_4 - H_2O$ system : from the classical ceramic precursor to a new nanoporous molecular material potential precursor**
Camara Magatte, Daigebonne Carole, Boubekeur Kamal, Roisnel Thierry, Gérard Yves, Baux Christophe, Le Dret Florence, Guillou Olivier
Compte Rendus de Chimie, 6, 405-415, 2003
[http://dx.doi.org/10.1016/S1631-0748\(03\)00057-2](http://dx.doi.org/10.1016/S1631-0748(03)00057-2)
67. **A Novel Layered Niobium Oxochloride Based on Nb_2 Pairs and Nb_6 Octahedral Clusters: Synthesis, Crystal and Electronic Structures of $Nb_2Cl_{16}O_7$**
Cordier Stéphane, Gulo Fakhili, Roisnel Thierry, Gautier Régis, Le Guennic Boris, Halet Jean-François, Perrin Christiane
Inorg. Chem., 42(25), 8320-8327, 2003
<http://dx.doi.org/10.1021/ic0350990>
66. **Novel Zn_9 -cluster compounds $RE_2Sn_6Ge_3$ (RE: La, Ce, Pr, Nd, Sm, Gd): crystal structure and physical properties**
A. Grytsiv, E. Bauer, S. Berger, G. Hilscher, H. Michor, Ch. Paul, P. Rogl, A. Daoud-Aladine, L. Keller, T. Roisnel and H. Noel
J. Phys.: Condens. Matter 15 (2003) 3053-3067
<http://dx.doi.org/10.1088/0953-8984/15/19/308>

65. **Surface Modification of Zinc Oxide NanoParticles by Aminopropyltriethoxysilane**
F. Grasset, N. Saito, D. Li, D. Park, I. Sakaguchi, N. Ohashi, H. Haneda, T. Roisnel, S. Mornet and E. Duguet
Journal of Alloys and Compounds 360 (2003) 298-311
[http://dx.doi.org/10.1016/S0925-8388\(03\)00371-2](http://dx.doi.org/10.1016/S0925-8388(03)00371-2)
64. **Access to a novel niobium octahedral cluster via soft chemistry: synthesis and structure of $K_{2.3}Cs_{3.4}[Nb_6Cl_4O_4(OH)_4(CN)_6] \cdot 3H_2O$ containing isolated $Nb_6Cl_4O_4(OH)_4(CN)_6$ cluster unit**
Nikolai G. Naumov, Stéphane Cordier, Fakhili Gulo, Thierry Roisnel, Vladimir E. Fedorov, Christiane Perrin
Inorganica Chimica Acta 350 (2003) 503-510
[http://dx.doi.org/10.1016/S0020-1693\(02\)01506-2](http://dx.doi.org/10.1016/S0020-1693(02)01506-2)
[haut]
- [2002]
63. **Magnetic structure and exchange interactions in $CuFe_2(O_2O_7)_2$**
N. El Khayati, J. Rodriguez-Carvajal, F. Bourée, T. Roisnel, R. Cherkaoui, A. Boutfessin A. Boukhari
Solid State Sciences 4 (2002) 1273-1283
[http://dx.doi.org/10.1016/S1293-2558\(02\)00015-8](http://dx.doi.org/10.1016/S1293-2558(02)00015-8)
62. **Disorder effects in Mn_{12} -acetate at 83 K**
A. Cornia, A. C. Fabretti, R. Sessoli, L. Sorace, D. Gatteschi, A. L. Barra, C. Daiguebonne, T. Roisnel
Acta Cryst. 2002, C58, m371-m373
<http://dx.doi.org/10.1107/S0108270102009010>
61. **Evolution of the magnetic order in the $Ho(Mn, Al)_2$ system; neutron diffraction study**
AU I.V. Golosovsky, I. Mirebeau, A.S. Markosyan, J. Rodriguez-Carvajal and T. Roisnel
Journal of Physics: Condensed Matter, Volume 14, Number 45, 18 November 2002, pp 11737
<http://dx.doi.org/10.1088/0953-8984/14/45/315>
60. **Synthesis and magnetic characterization of zinc ferrite nanoparticles with different environment: powder, colloidal solution and zinc ferrite-silica core-shell nanoparticles**
F. Grasset, N. Labhsetwar, D. Li, D.C. Park, N. Saito, H. Haneto, O. Cador, T. Roisnel, S. Mornet, E. Duguet, J. Portier and J. Etourneau
Langmuir 18 (21), 8209, 2002
<http://dx.doi.org/10.1021/1a020322b>
59. **Structures and Properties of $NbOF_3$ and $TaOF_3$; with a Remark to the O/F ordering in the SnF_4 Type Structure**
J. Köhler, A. Simon, L. van Wüllen, S. Cordier, T. Roisnel, M. Poulain and M. Somer
Z. Anorg. Allg. Chem. 2002, 62, 2683-2690
58. **A study of nanocrystalline yttrium oxide from diffraction line profile analysis: comparison of methods and crystallite growth**
D. Louër, T. Bataille, T. Roisnel and J. Rodriguez-Carvajal

Powder Diffraction Journal, vol. 17 number 4, decembre 2002, 262-269
<http://dx.doi.org/10.1154/1.1523077>

57. **A novel skutterudite phase in the Ni – Sb – Sn system: phase equilibria and physical properties**

A. Grytsiv, P. Rogl, St. Berger, Ch. Paul, H. Michor, E. Bauer, G. Hilscher, C. Godart, P. Knoll, M. Musso, W. Lottermoser, A. Saccone, R. Ferro, T. Roisnel and H. Noël
J. Physics: Condensed Matter 14, 7071-7090, 2002
<http://dx.doi.org/10.1088/0953-8984/14/29/309>

[haut]

[2001]

56. **WinPLOT: A Windows tool for Powder Diffraction Pattern Analysis**

T. Roisnel and J. Rodriguez-Carvajal
Materials Science Forum vols. 378-381 (2001) pp. 118-123
<http://dx.doi.org/10.4028/www.scientific.net/MSF.378-381.118>

55. **Crystal and magnetic structures of the oxyphosphates $MFePO_5$ ($M = Fe, Co, Ni, Cu$). Analysis of the magnetic ground state in terms of superexchange interactions**

El Khayati N., El Moursli, R. Cherkaoui, Rodriguez-Carvajal J., André G., Blanchard N., Bourée F., Collin G., Roisnel T.
European Physical Journal B: Condensed Matter Physics (2001), 22(4), 429-442
<http://dx.doi.org/10.1007/s100510170093>

54. **The crystal structure of $PbLu_3Cl_{15}O_6$, a new oxychloride based on discrete $Nb_6Cl_{12}O_6$ units**

Gulo Fakhili, Roisnel Thierry and Perrin Christiane
J. Mater. Chem. 11(4), 1237-1241 (2001)
<http://dx.doi.org/10.1039/b008609f>

[haut]

[2000]

53. **Magnetic structure of $MFePO_5$ compounds (M=Cu, Ni)**

N. El Khayati, R. Cherkaoui El Moursli, J. Rodriguez-Carval, G. André, N. Blanchard, F. Bourée, G. Collin, T. Roisnel
Phosphorous Research Bulletin Vol. 11 (2000), 107-113
??

52. **Magnetic structure of UCu_xSi_{2-x} system**

Stanilas Pechev, Thierry Roisnel, Bernard Chevalier, Bernard Darriet and Jean Etourneau
Solid State Sciences 2 (2000) 773-780
[http://dx.doi.org/10.1016/S1293-2558\(00\)01071-2](http://dx.doi.org/10.1016/S1293-2558(00)01071-2)

51. **[5,10,15,20-tetrakis[o,o'-(S-2,2-dimethyl-1,3-dioxolane-4-oxymethyl)phenyl]-porphyrin]-bis[(R)-1-phenyl-ethyl-isocyanide] ruthenium(II). Study at 110K**

Erwan Galardon, Michael Lukas, Paul le Maux, Loic Toupet, Thierry Roisnel and Gérard Simoneaux

Acta Cryst. (2000) C55,955-956

<http://dx.doi.org/10.1107/S0108270100007952>

50. **Investigation of $K_2MnF_5 \cdot H_2O$ by Neutron Diffraction**

T. Roisnel, P. Nunez, A. Tressaud, E. Molins and J. Rodriguez-Carvajal

Journal of Solid State Chemistry 150, 104-111 (2000)

<http://dx.doi.org/10.1006/jssc.1999.8554>

49. **Russian-French High Resolution Multi-Sections Neutron Powder Diffractometer**

A.I. Kurbakov., V.A. Trounov, T.K. Baranova, A.P. Bulkin, R.P. Dmitriev, Ya. A. Kasman, J. Rodriguez-Carvajal, T. Roisnel

Material Science Forum vols. 321-324 (2000) pp. 308-313

<http://dx.doi.org/10.4028/www.scientific.net/MSF.321-324.308>

[haut]

[1999]

48. **Cross-over from ferromagnetic to antiferromagnetic ground state in the $Ce_{1-x}U_xPd_{2.05}Sn_{0.95}$**

D. Laffargue, S. Bordère, F. Bourée, B. Chevalier, J. Etourneau, T. Roisnel

Journal of Physics, Condensed Matter 11 (1999) 5195-5208

<http://dx.doi.org/10.1088/0953-8984/11/26/320>

47. **Magnetic structure of antiferromagnetic Kondo stannide Ce_2Ni_2Sn**

D. Laffargue, F. Bourée, D. Chevalier, J. Etourneau, T. Roisnel

Physica B, 259-261 (1999) 46-47

[http://dx.doi.org/10.1016/S0921-4526\(98\)00734-0](http://dx.doi.org/10.1016/S0921-4526(98)00734-0)

46. **Magnetic behavior of the ternary silicide $U_3Cu_4Si_4$**

S. Pechev, B. Chevalier, D. Laffargue, B. Darriet, T. Roisnel, J. Etourneau

Journal of Magnetism and Magnetic Materials 191 (1999) 282-290

[http://dx.doi.org/10.1016/S0304-8853\(98\)00358-8](http://dx.doi.org/10.1016/S0304-8853(98)00358-8)

[haut]

[1998]

45. **Detection and the investigation of magnetic structure of $Tb(DCOO)_3$ neutron diffraction**

A. Trounov, A.I. Kurbakov, E.A. Tserkovnaya, D. Yu. Cherbyshov, N.V. Starostina, J. Rodriguez-Carvajal, T. Roisnel

Surface (Poverkhnost) 10, 25-29 (1998)

44. **FullProf.98 and WinPLOTR New Windows 95/NT Applications for Diffraction**

Juan Rodríguez-Carvajal and Thierry Roisnel

Commisson for Powder Diffraction, International Union of Crystallography, Newsletter No. 20, (May-August) Summer 1998

<http://www.mx.iucr.org/iucr-top/comm/cpd/Newsletters/no20summer1998/art24/art24.htm>

43. **Magnetic structures of the ternary stannide $U_2(Ni_{0.70}Pd_{0.30})_2Sn$**
D. Laffargue, F. Bourée, B. Chevalier, T. Roisnel and S. Bordère
Journal of Alloys and Compounds 271-273 (1998) 444-447
[http://dx.doi.org/10.1016/S0925-8388\(98\)00107-8](http://dx.doi.org/10.1016/S0925-8388(98)00107-8)
42. **Neutron powder diffraction study on highly deuterated $Ca(IO_3)_2 \cdot D_2O$**
Stefan Peter, Ellen Suchanek, Thierry Roisnel and Heinz Dieter Lutz
Acta Cryst. C54 (1998) 1064-1066
<http://dx.doi.org/10.1107/S010827019800167X>
41. **Structural studies of Tin-Doped (ITO), Iron-Doped (IIO) Oxides and $In_4Sn_3O_{12}$**
N. Nadaud, N. Lequeux, M. Nanot, J. Jové and T. Roisnel
Journal of Solid State Chemistry 135, 140-148 (1998)
<http://dx.doi.org/10.1006/jssc.1997.7613>
[haut]
- [1997]
40. **A structural study of tin-doped indium oxide (ITO) ceramics using ^{119}Sn Mössbauer spectroscopy**
Nadaud N., Nanot M., Jove J, Roisnel T.
Eng. Mate. 132-136, 1373-1376 (1997)
<http://dx.doi.org/10.4028/www.scientific.net/KEM.132-136.1373>
39. **Neutron powder diffraction study of the antiferromagnetic compound $Tb_2Pd_{2.05}Sn_{0.95}$**
D. Laffargue, T. Roisnel, B. Chevalier and F. Bourée
Journal of Alloys and Compounds 262-263 (1997) 219-224
[http://dx.doi.org/10.1016/S0925-8388\(97\)00385-X](http://dx.doi.org/10.1016/S0925-8388(97)00385-X)
38. **Magnetic structures of antiferromagnetic chain fluorides $A_2MnF_5 \cdot xH_2O$**
T. Roisnel, P. Nunez, W. Massa and A. Tressaud
Physica B 234-236 (1997) 579-581
[http://dx.doi.org/10.1016/S0921-4526\(96\)01192-1](http://dx.doi.org/10.1016/S0921-4526(96)01192-1)
37. **Linear, bent and trifurcated $OH^- \dots F^-$ hydrogen bonds: neutron powder diffraction, infrared and Raman spectroscopies of $Zn(OD)FI$ and $Zn(OF)FIa$**
S. Peter, B. Weckler, T. Roisnel and H.D. Lutz
Bulletin of the Chemists and Technologists of Macedonian, vol. 16 No 1, 21-32 (1997)
<http://www.pmf.ukim.edu.mk/PMF/Chemistry/glasnik/toc16-1-97.htm>
36. **Magnetic phase transitions in the ternary stannides Ce_2T_2Sn with T = Ni, Pd and Pt**
B. Chevalier, F. Fourgeot, D. Laffargue, J. Etourneau, F. Bourée, T. Roisnel
Physica B 230-232 (1997) 195-197
[http://dx.doi.org/10.1016/S0921-4526\(96\)00588-1](http://dx.doi.org/10.1016/S0921-4526(96)00588-1)

35. **Magnetic properties and neutron diffraction study of the chlorofluoride series $Na_2MM'F_7Cl$ (M, M' = Mn, Fe, Co, Ni, Zn)**
 J. Fompeyrine, J. Darriet, J.J. Maguer, J.M. Greneche, G. Courbion, T. Roisnel and J. Rodriguez-Carvajal
Journal of Solid State Chemistry 131 (1997) 198-214
<http://dx.doi.org/10.1006/jssc.1997.7352>
34. **Crystal and Magnetic structures of the ternary stannides $U_2Pd_{2+y}Sn_{1-y}$**
 D. Laffargue, F. Bourée, B. Chevalier, T. Roisnel, P. Gravereau and J. Etourneau
Journal of Magnetism and Magnetic Materials 170 (1997) 155-167
[http://dx.doi.org/10.1016/S0304-8853\(97\)00024-3](http://dx.doi.org/10.1016/S0304-8853(97)00024-3)
 [haut]
- [1996]
33. **Magnetic structures of Ce_2Pd_2Sn and 2 : 2 : 1 uranium ternary intermetallics: neutron diffraction experiments, magnetic group theory analysis**
 F. Bourée, B. Chevalier, D. Laffargue and T. Roisnel
Workshop on Application of Symmetry Analysis to Diffraction investigations, Krakow (Poland), July 6-9, 1996
 ?
32. **Neutron powder refinements of the three structural forms of Rb_2KScF_6**
 H. Faget, J. Grannec, A. Tressaud, V. Rodriguez, T. Roisnel, I.N. Flerov, M.V. Gorev
Eur. J. Solid State Inorg. Chem. t.33 (1996) 893-905
<http://cat.inist.fr/?aModele=afficheN&cpsidt=3211678>
31. **Crystal and magnetic structure of $UCuSn$**
 A. Szytula, M. Kolenda, V.H. Tran, R. Troc, F. Bourée, T. Roisnel
Journal of Magnetism and Magnetic Materials 153 (1996) L255-L259
[http://dx.doi.org/10.1016/0304-8853\(96\)00003-0](http://dx.doi.org/10.1016/0304-8853(96)00003-0)
30. **The antiferromagnetic-ferromagnetic transition of $CePd_{2.04}Sn_{0.96}$ stannide**
 D. Laffargue, F. Fourgeot, F. Bourée, B. Chevalier, T. Roisnel and J. Etourneau
Solid State Communications vol. 100-8 (1996) 575-579
[http://dx.doi.org/10.1016/0038-1098\(96\)00475-9](http://dx.doi.org/10.1016/0038-1098(96)00475-9)
29. **Structural phase transitions and pseudomerohedrally twinning of Li_2FeBr_4**
 M. Partik, Ch. Wickel, H.D. Lutz and T. Roisnel
Journal of Solid State Chemistry 124 (1996) 292-299
<http://dx.doi.org/10.1006/jssc.1996.0239>
28. **Magnetic structures of the 1D antiferromagnetic fluorides Rb_2MnF_5 and $Rb_2MnF_5 \cdot H_2O$**
 P. Nuñez and T. Roisnel
Journal of Solid State Chemistry 124 (1996) 338-345
<http://dx.doi.org/10.1006/jssc.1996.0247>
27. **Rietveld analysis of strontium titanate in the Müller state**
 J.M. Kiat, T. Roisnel
J. Phys.: Condens. Matter 8 (1996), 3471-3475
<http://dx.doi.org/10.1088/0953-8984/8/19/021>

26. **Structural and magnetic phase transitions of the 2D-ferromagnetic fluoride Tl_2CuF_4**
 P. Nuñez, M. Morales-Escobar, T. Roisnel, J.M. Kiat, R. Saez-Puche, H. Guengard, J. Grannec and A. Tressaud
Journal of Solid State Chemistry, 122 (1996) 87-94
<http://dx.doi.org/10.1006/jssc.1996.0086>
25. **Neutron diffraction study on structural properties of $N(CD_3)_4MnCl_3$**
 V. Rodriguez, G. Aguirre-Zamalloa, M. Couzi and T. Roisnel
J. Phys.: Cond. Matter.8 (1996) 969-981
<http://dx.doi.org/10.1088/0953-8984/8/8/008>
24. **Neutron diffraction studies of U_2Ni_2Sn and U_2Pd_2Sn**
 V.H. Tran, Z. Zolnierek, F. Bourée and T. Roisnel
Journal of Magnetism and Magnetic Materials 161 (1996) 270-274
[http://dx.doi.org/10.1016/S0304-8853\(96\)00023-6](http://dx.doi.org/10.1016/S0304-8853(96)00023-6)
23. **Distance Limits of $OH...Y$ hydrogen bonds ($Y = Cl, Br, I$) in Solid Hydroxides, Structure Refinements of Laurionite-type $Ba(OD)I$, $So(OD)I$ and $Sr(OH)I$ by Neutron and Synchrotron X-Ray Powder Diffraction**
 Stefan Peter, Jeremy Karl Cockcroft, Thierry Roisnel and Heinz Dieter Lutz
*Acta Cryst. B*52 (1996) 423-427
<http://dx.doi.org/10.1107/S0108768195013449>
 [haut]

[1995]

22. **Magnetic phase diagram of $U_2(Ri_{1-x}Rh_x)_3Si_5$**
 B. Chevalier, E. Hickey, T. Roisnel, L. Piraux and J. Etourneau
Journal of Magnetism and Magnetic Materials 140-144 (1995) 1409-1410
[http://dx.doi.org/10.1016/0304-8853\(94\)00608-3](http://dx.doi.org/10.1016/0304-8853(94)00608-3)
21. **On the physical behaviour of $URhSn$**
 F. Mirambet, B. Chevalier, L. Fournès, J. Ferreira da Silva, M.A. Frey Ramos and T. Roisnel
Journal of Magnetism and Magnetic Materials 140-144 (1995) 1387-1388
[http://dx.doi.org/10.1016/0304-8853\(94\)00968-6](http://dx.doi.org/10.1016/0304-8853(94)00968-6)
20. **Magnetic structures of some UTM compounds**
 V.H. Tran, R. Troc, F. Bourée, T. Roisnel and G. André
Journal of Magnetism and Magnetic Materials 140-144 (1995) 1377-1378
[http://dx.doi.org/10.1016/0304-8853\(94\)00883-3](http://dx.doi.org/10.1016/0304-8853(94)00883-3)
19. **Magnetic properties of $UCuGa$ and U_2CuGa_3 by ac -magnetic susceptibility and neutron diffraction study**
 V.H. Tran, D. Kaczorowski, T. Roisnel, R. Troc, H. Noël, F. Bourée and G. André
Physica B 205 (1995) 24-30
[http://dx.doi.org/10.1016/0921-4526\(94\)00162-0](http://dx.doi.org/10.1016/0921-4526(94)00162-0)
 [haut]

[1994]

18. **Magnetic structure of the uranium-copper perovskite UBa_2CuO_6**
P. LePorcher, G. André, T. Roisnel, T. Le Bihan and H. Noël
Journal of Alloys and Compounds, 213/214 (1994) 506-508
[http://dx.doi.org/10.1016/0925-8388\(94\)90974-1](http://dx.doi.org/10.1016/0925-8388(94)90974-1)
17. **Influence of fluorination treatment on structural and superconducting properties of $La_{2-x}Ba_xCuO_4$ compounds ($x = 0.08, 0.125$ and 0.152)**
T. Roisnel, E. Ben Salem, B. Chevalier, A. Tressaud, J. Etourneau and J.M. Kiat
Physica C 235-240 (1994) 843-844
[http://dx.doi.org/10.1016/0921-4534\(94\)91646-2](http://dx.doi.org/10.1016/0921-4534(94)91646-2)
16. **Magnetic structure of the chain $Mn(III)$ fluoride Na_2MnF_5**
P. Nuñez, T. Roisnel and A. Tressaud
Solid State Communications vol. 92 n°7 (1994) 601-605
[http://dx.doi.org/10.1016/0038-1098\(94\)00536-2](http://dx.doi.org/10.1016/0038-1098(94)00536-2)
15. **Neutron and X-Ray diffraction study of structural phase transitions in $La_{1.875}Ba_{0.125}CuO_4$: influence of fluorination**
T. Roisnel, B. Chevalier, E. Ben Salem, J.M. Kiat and A. Tressaud
Materials Science Forum, vols. 166-169 (1994) 245-250
<http://dx.doi.org/10.4028/www.scientific.net/MSF.166-169.553>
14. **Neutron powder diffraction facilities at the Laboratoire Léon Brillouin**
T. Roisnel, J. Rodriguez-Carvajal, M. Pinot, G. André and F. Bourée
Materials Science Forum vols 166-169 (1994) 553-558
<http://dx.doi.org/10.4028/www.scientific.net/MSF.166-169.245>
13. **Magnetic order in a bi-intercalation compound, graphite – $CrCl_3$ – $CoCl_2$**
S. Flandrois, P. Biensan, J.M. Louis, G. Chouteau, T. Roisnel, G. André and F. Bourée
Molecular Crystals and Liquid Crystals 245 (1994) 105-110
<http://dx.doi.org/10.1080/10587259408051673>
12. **Crystal and Magnetic Structure of U_2Ni_2Sn by Neutron Diffraction and ^{119}Sn Mössbauer study**
F. Bourée, B. Chevalier, F. Mirambet, L. Fournès, T. Roisnel, V.H. Tran and Z. Zolnierek
Journal of Magnetism and Magnetic Materials 138 (1994) 307-313
[http://dx.doi.org/10.1016/0304-8853\(94\)90052-3](http://dx.doi.org/10.1016/0304-8853(94)90052-3)
11. **Magnetic structure of $U_2(Ru_{0.65}Rb_{0.35})_3Si_5$**
T. Roisnel, B. Chevalier and J. Etourneau
Journal of Magnetism and Magnetic Materials 134 (1994) 88-94
[http://dx.doi.org/10.1016/0304-8853\(94\)90077-9](http://dx.doi.org/10.1016/0304-8853(94)90077-9)

[haut]

[1993]

10. **Structural Study of the Relaxor Compound $Pb_2KTa_5O_{15}$**
Ph. Sciau, Z. Li, G. Calvarin, T. Roisnel and J. Ravez
Mat. Res. Bull. vol.28 (1993) 1233-1239
[http://dx.doi.org/10.1016/0025-5408\(93\)90170-I](http://dx.doi.org/10.1016/0025-5408(93)90170-I)

9. **Magnetism of Alkalitetrafluoromanganates (III) AM_nF_4 ($A = K, Rb, Cs$): Neutron Diffraction, Mössbauer and Magnetization Investigations**

Michel Molinier, Christoph Frommen, Werner Massa, Jürgen Pebler and Thierry Roisnel
Zeitschrift für Naturforschung B: Chemical Sciences, 48a, 1054-1072 (1993)

8. **Magnetic properties of Er_2In**

D. Ravot, O. Gorochov, T. Roisnel, G. André, F. Bourée, J.A. Hodges
Journal of Magnetism and Magnetic Materials 128 (1993) 267-273

[http://dx.doi.org/10.1016/0304-8853\(93\)90469-I](http://dx.doi.org/10.1016/0304-8853(93)90469-I)

7. **Magnetic properties of R_2In ($R = Gd, Tb; Er$)**

D. Ravot, O. Gorochov, T. Roisnel, G. André, F. Bourée, J.A. Hodges
International Journal of Modern Physics B7 (1-3) (1993) 818-821

<http://dx.doi.org/10.1142/S0217979293001736>

6. **The new series of fluoride perovskites $Na_4Ba_xM_{4-x}Fe_{12}$ ($M = Mn, Fe, Co$) and $Na_{4-x}Li_xBa_xCo_{4-x}F_{12}$: homogeneity range, crystal and magnetic structures**

M. Ducau, T. Roisnel and J. Darriet

Journal of Solid State Chemistry 107 (1993) 387-396

<http://dx.doi.org/10.1006/jssc.1993.1363>

[haut]

[1992]

5. **Neutron powder diffraction of Ho_2In**

D. Ravot, F. Bourée and T. Roisnel

Physica B: Condensed Matter, 180-181, 119 (1992)

[http://dx.doi.org/10.1016/0921-4526\(92\)90679-M](http://dx.doi.org/10.1016/0921-4526(92)90679-M)

[haut]

[1991]

[1990]

4. **Structural investigation and ^{119}Sn Mössbauer study of graphite/ SnF_4 intercalation compounds**

L. Fournès, T. Roisnel, J. Grannec, A. Tressaud, P. Hagenmuller, H. Imoto and H. Touhara
Mat. Res. Bull. 25(1), 79 (1990)

[http://dx.doi.org/10.1016/0025-5408\(90\)90165-X](http://dx.doi.org/10.1016/0025-5408(90)90165-X)

3. **EXAFS study of transition metal chlorides intercalated in graphite**

T. Roisnel, A. Tressaud, J. Grannec, H. Dexpert and S. Flandrois

Solid State Comm. 73(8), 547 (1990)

[http://dx.doi.org/10.1016/0038-1098\(90\)91046-J](http://dx.doi.org/10.1016/0038-1098(90)91046-J)

2. **Local environment of Sn in tin fluoride-GIC**

A. Tressaud, T. Roisnel, L. Fournès, J. Grannec, H. Touhara, H. Imoto and H. Dexpert
Synth. Met. 34(1-3), 231-236 (1990)

[http://dx.doi.org/10.1016/0379-6779\(89\)90390-1](http://dx.doi.org/10.1016/0379-6779(89)90390-1)

[haut]

[1989]

[1988]

1. **Intercalation of metal fluorides into graphite**

A. Tressaud, J. Grannec, T. Roisnel, L. Lozano, S. Flandrois and C. Hauw

Proceedings of the International Colloquium on Layered Compounds (D. Guérard et P. Lagrange ed.) Univ. Nancy I, p.47, 1988

[haut]