

# Thierry Roisnel

## List of Publications by Citations

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252  
papers

4,192  
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34  
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52  
g-index

273  
ext. papers

5,188  
ext. citations

4.5  
avg, IF

5.8  
L-index

#	Paper	IF	Citations
252	Discrete, solvent-free alkaline-earth metal cations: metal-fluorine interactions and ROP catalytic activity. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 9069-87	16.4	183
251	When bigger is better: intermolecular hydrofunctionalizations of activated alkenes catalyzed by heteroleptic alkaline Earth complexes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4943-6	16.4	135
250	Bonding and Substituent Effects in Electron-Rich Mononuclear Ruthenium $\pi$ -Arylacetylides of the Formula $[(\text{D-dppe})(\text{E-C5Me5})\text{Ru}(\text{C}\equiv\text{C}-1,4-(\text{C6H4})\text{X})][\text{PF6}]_n$ ( $n = 0, 1$ ; $\text{X} = \text{NO}_2, \text{CN}, \text{F}, \text{H}, \text{OMe}, \text{NH}_2$ ). <i>Organometallics</i> , <b>2006</b> , 25, 649-665	3.8	127
249	Di-organoiron mixed valent complexes featuring "(eta <sup>2</sup> -dppe)(eta <sup>5</sup> -C5Me5)Fe" endgroups: smooth class-III to class-II transition induced by successive insertion of 1,4-phenylene units in a butadiyne-diyl bridge. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 2463-76	16.4	126
248	Bis(dimethylsilyl)amide Complexes of the Alkaline-Earth Metals Stabilized by $\pi$ -SiH Agostic Interactions: Synthesis, Characterization, and Catalytic Activity. <i>Organometallics</i> , <b>2010</b> , 29, 6569-6577	3.8	100
247	Heteroleptic alkyl and amide iminoanilide alkaline earth and divalent rare earth complexes for the catalysis of hydrophosphination and (cyclo)hydroamination reactions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13445-62	4.8	92
246	Electroactive ligands: the first metal complexes of tetrathiafulvenyl-acetylacetonate. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8740-8	5.1	85
245	Heteroleptic silylamido phenolate complexes of calcium and the larger alkaline earth metals: $\pi$ -Agostic Ae-Si-H stabilization and activity in the ring-opening polymerization of L-lactide. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 6289-301	4.8	80
244	Deprotonative metalation of substituted benzenes and heteroaromatics using amino/alkyl mixed lithium-zinc combinations. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8191-201	4.8	75
243	Deprotonative metallation of ferrocenes using mixed lithium-zinc and lithium-cadmium combinations. <i>Chemical Communications</i> , <b>2010</b> , 46, 2862-4	5.8	66
242	Anisotropic chemical pressure effects in single-component molecular metals based on radical dithiolene and diselenolene gold complexes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 17138-48	16.4	65
241	1,1'-Bis(ethynyl)biferrocenyl-Bridged Fe(dppe)Cp* Units: Synthesis, Solid-State Structures, and Electronic Couplings. <i>Organometallics</i> , <b>2010</b> , 29, 4804-4817	3.8	58
240	Cyclohydroamination of aminoalkenes catalyzed by disilazide alkaline-earth metal complexes: reactivity patterns and deactivation pathways. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2784-802	4.8	54
239	Spectroscopic Evidence for Redox Isomerism in the 1,4-Diethynylbenzene-Bridged Heterobimetallic Cation $[\{\text{Fe}(\text{dppe})\text{Cp}^*\}(\text{EC}\equiv\text{CC6H4C}\equiv\text{C})\{\text{Mo}(\text{dppe})(\text{EC7H7})\}]\text{PF}_6$ . <i>Organometallics</i> , <b>2011</b> , 30, 4180-4195	3.8	51
238	N-aryl pyrazoles: DFT calculations of CH acidity and deprotonative metallation using a combination of lithium and zinc amides. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 4671-84	3.9	50
237	Deprotonative metalation of chloro- and bromopyridines using amido-based bimetallic species and regioselectivity-computed CH acidity relationships. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13284-97	4.8	48
236	Four-coordinate nickel(II) and copper(II) complex based ONO tridentate Schiff base ligands: synthesis, molecular structure, electrochemical, linear and nonlinear properties, and computational study. <i>Dalton Transactions</i> , <b>2015</b> , 44, 18019-37	4.3	47

235	Asymmetric intermolecular cyclopropanation of alkenes by diazoketones catalyzed by Halterman iron porphyrins. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 5149-5151	2	46
234	Electronic and Magnetic Couplings in Free and $\pi$ -Coordinated 1,4-Diethynyl-naphthalene-Bridged $[\text{Cp}^*(\text{dppe})\text{Fe}]_{n+}$ ( $n = 0, 1$ ) Units. <i>Organometallics</i> , <b>2009</b> , 28, 4656-4669	3.8	46
233	Theoretical and experimental investigations on hypoelectronic heterodimetallaboranes of group 6 transition metals. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10375-83	5.1	44
232	Computed CH acidity of biaryl compounds and their deprotonative metalation by using a mixed lithium/zinc-TMP base. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 7944-60	4.8	44
231	A Versatile and Highly Z-Selective Olefin Metathesis Ruthenium Catalyst Based on a Readily Accessible N-Heterocyclic Carbene. <i>ACS Catalysis</i> , <b>2018</b> , 8, 3257-3262	13.1	42
230	Ligand-activated lithium-mediated zincation of N-phenylpyrrole. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 9982-9	4.8	42
229	Electronically Coupled Tetrathiafulvalene Electrophores across a Non-innocent Acetylide Ruthenium Bridge. <i>Organometallics</i> , <b>2011</b> , 30, 3570-3578	3.8	41
228	Modulation of circularly polarized luminescence through excited-state symmetry breaking and interbranched exciton coupling in helical push-pull organic systems. <i>Chemical Science</i> , <b>2020</b> , 11, 567-576	9.4	40
227	Synthesis and characterization of p-xylylenediaminium bis(nitrate). Effects of the coordination modes of nitrate groups on their structural and vibrational properties. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1151, 152-168	3.4	39
226	Chemistry of diruthenium analogue of pentaborane(9) with heterocumulenes: toward novel trimetallic cubane-type clusters. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 10527-35	5.1	38
225	Stable divalent germanium, tin and lead amino(ether)-phenolate monomeric complexes: structural features, inclusion heterobimetallic complexes, and ROP catalysis. <i>Dalton Transactions</i> , <b>2014</b> , 43, 4268-88	4.3	38
224	Potassium and Well-Defined Neutral and Cationic Calcium Fluoroalkoxide Complexes: Structural Features and Reactivity. <i>Organometallics</i> , <b>2014</b> , 33, 5630-5642	3.8	36
223	Stable Metallic State of a Neutral-Radical Single-Component Conductor at Ambient Pressure. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6998-7004	16.4	35
222	Iron and Ruthenium $\pi$ -Polyynyls of the General Formula $[\{M(\text{dppe})\text{Cp}^*\}[\text{C}\equiv\text{C}]_n\text{B}]_0/+$ ( $M = \text{Fe}, \text{Ru}$ ): An Experimental and Theoretical Investigation. <i>Organometallics</i> , <b>2012</b> , 31, 6796-6811	3.8	35
221	Readily Accessible Unsymmetrical Unsaturated 2,6-Diisopropylphenyl N-Heterocyclic Carbene Ligands. Applications in Enantioselective Catalysis. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1880-1887	4.2	34
220	Experimental, computational, and in silico analysis of $(\text{C}_8\text{H}_{14}\text{N}_2)_2[\text{CdCl}_6]$ compound. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1213, 128186	3.4	34
219	Synthesis, structural and spectroscopic features, and investigation of bioactive nature of a novel organic-inorganic hybrid material 1H-1,2,4-triazole-4-ium trixonitrate. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1150, 242-257	3.4	34
218	A tetrachlorocobaltate(II) salt with 2-amino-5-picolinium: Synthesis, theoretical and experimental characterization. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127781	3.4	33

217	Influence of the thiazole backbone on the structural, redox, and optical properties of dithiolene and diselenolene complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 10647-54	5.1	33
216	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. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 11811-27	4.8	31
215	Well-defined, solvent-free cationic barium complexes: Synthetic strategies and catalytic activity in the ring-opening polymerization of lactide. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 380, 2-13	2.7	31
214	Deproto-metallation using a mixed lithium-zinc base and computed CH acidity of 1-aryl 1H-benzotriazoles and 1-aryl 1H-indazoles. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 1475-87	3.9	30
213	A proton transfer compound template phenylethylamine: Synthesis, a collective experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1191, 183-196	3.4	29
212	Main-Chain Oligomers from Ni(II)- and Cu(II)-Centered Unsymmetrical N <sub>2</sub> O <sub>2</sub> Schiff-Base Complexes: Synthesis and Spectral, Structural, and Second-Order Nonlinear Optical Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 4984-4993	2.3	29
211	Long-Lived Circularly Polarized Phosphorescence in Helicene-NHC Rhenium(I) Complexes: The Influence of Helicene, Halogen, and Stereochemistry on Emission Properties. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8394-8400	16.4	28
210	Synthesis of C,N'-linked bis-heterocycles using a deprotometalation-iodination-N-arylation sequence and evaluation of their antiproliferative activity in melanoma cells. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 3498-507	3.4	28
209	Redox-Active Molecular Wires Derived from Dinuclear Ferrocenyl/Ruthenium(II) Alkynyl Complexes: Covalent Attachment to Hydrogen-Terminated Silicon Surfaces. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 3680-3695	3.8	28
208	Deproto-metallation and computed CH acidity of 2-aryl-1,2,3-triazoles. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 4878-85	3.9	28
207	Chelating ability of a conjugated redox active tetrathiafulvalenyl-acetylacetonate ligand. <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 1172-1176	3.1	28
206	Doubly phenoxide-bridged binuclear copper(II) complexes with one tridentate schiff base ligand: Synthesis, structural, magnetic and theoretical studies. <i>Polyhedron</i> , <b>2015</b> , 86, 81-88	2.7	27
205	Amino Ether Phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes. <i>Organometallics</i> , <b>2016</b> , 35, 3261-3271	3.8	27
204	Synthesis, molecular structure, vibrational and theoretical studies of a new non-centrosymmetric organic sulphate with promising NLO properties. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1171, 771-785	3.4	27
203	Ligands in Alkaline Earth Complexes. <i>Organometallics</i> , <b>2017</b> , 36, 1269-1277	3.8	25
202	Fluoro- and Chloroferrocene: From 2- to 3-Substituted Derivatives. <i>Organometallics</i> , <b>2018</b> , 37, 2207-2213	3.8	25
201	Hydrogen-bonding interactions in a single-component molecular conductor: a hydroxyethyl-substituted radical gold dithiolene complex. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 8755-61	5.1	25
200	From 2- to 3-Substituted Ferrocene Carboxamides or How to Apply Halogen Dance to the Ferrocene Series. <i>Organometallics</i> , <b>2017</b> , 36, 4770-4778	3.8	25

199	Stepwise construction of a 4-hydroxyphenyl functionalized O,N,N-tridentate ferrocene-containing enaminoone: Spectral, analytical and structural studies. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 390, 184-189	2.7	25
198	Electronic communication between metal-organic electrophores in an organometallic ruthenium-acetylide-tetrathiafulvalene complex. <i>Chemical Communications</i> , <b>2009</b> , 7200-2	5.8	25
197	Synthesis and physic-chemical properties of a novel chromate compound with potential biological applications, bis(2-phenylethylammonium) chromate(VI). <i>Journal of Molecular Structure</i> , <b>2019</b> , 1185, 168-182	3.4	25
196	Achieving high circularly polarized luminescence with push-pull helicenic systems: from rationalized design to top-emission CP-OLED applications. <i>Chemical Science</i> , <b>2021</b> , 12, 5522-5533	9.4	24
195	Synthesis, experimental, theoretical study and molecular docking of 1-ethylpiperazine-1,4-dium bis(nitrate). <i>Solid State Sciences</i> , <b>2020</b> , 106, 106326	3.4	23
194	Short Synthesis of Sulfur Analogues of Polyaromatic Hydrocarbons through Three Palladium-Catalyzed C-H Bond Arylations. <i>Organic Letters</i> , <b>2016</b> , 18, 4182-5	6.2	23
193	Low-Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11747-11751	16.4	23
192	Solid-state characterisation of the [(D-dppe)(B-C5Me5)FeCO] <sup>+</sup> cation: an unexpected Bxidation product of the [(D-dppe)(B-C5Me5)FeC?C(C6H4)NMe2] <sup>+</sup> radical cation. <i>Comptes Rendus Chimie</i> , <b>2005</b> , 8, 1174-1185	2.7	23
191	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , <b>2016</b> , 52, 9243-6	5.8	22
190	2-Aminophenones, a common precursor to N-aryl isatins and acridines endowed with bioactivities. <i>Tetrahedron</i> , <b>2018</b> , 74, 1785-1801	2.4	21
189	On the coordination chemistry of organochalcogenolates R(NMe2) <sup>E(-)</sup> and R(NMe2) <sup>E<sup>-</sup>O(-)</sup> (E = S, Se) onto lead(II) and lighter divalent tetrel elements. <i>Dalton Transactions</i> , <b>2014</b> , 43, 16459-74	4.3	21
188	Phosphine-pyridonate ligands containing octahedral ruthenium complexes: access to esters and formic acid. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 3492-3498	5.5	21
187	Synthesis, Electronic Spectroscopy, Cyclic Voltammetry, Photophysics, Electrical Properties and X-ray Molecular Structures of meso-{Tetrakis[4-(benzoyloxy)phenyl]porphyrinato}zinc(II) Complexes with Aza Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5004-5019	2.3	20
186	Deprotometalation of substituted pyridines and regioselectivity-computed CH acidity relationships. <i>Tetrahedron</i> , <b>2016</b> , 72, 2196-2205	2.4	20
185	Axially and Helically Chiral Cationic Radical Bicarbazoles: SOMO-HOMO Level Inversion and Chirality Impact on the Stability of Mono- and Diradical Cations. <i>Journal of the American Chemical Society</i> , <b>2020</b> ,	16.4	20
184	An Enantiopure Cyclometallated Iridium Complex Displaying Long-Lived Phosphorescence both in Solution and in the Solid State. <i>Helvetica Chimica Acta</i> , <b>2019</b> , 102, e1900044	2	19
183	Synthesis, structure, photophysical properties and biological activity of a cobalt(II) coordination complex with 4,4'-bipyridine and porphyrin chelating ligands. <i>Journal of Saudi Chemical Society</i> , <b>2019</b> , 23, 781-794	4.3	19
182	Deprotometalation-iodolysis and computed CH acidity of 1,2,3- and 1,2,4-triazoles. Application to the synthesis of resveratrol analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 6355-63	3.4	19

- 181 Helicenes Grafted with 1,1,4,4-Tetracyanobutadiene Moieties: Helical Push-Pull Systems with Strong Electronic Circular Dichroism and Two-Photon Absorption. *Chemistry - A European Journal*, **2018**, 24, 14484-14494 4.8 19
- 180 Ru-Catalyzed Selective C-H Bond Hydroxylation of Cyclic Imides. *Journal of Organic Chemistry*, **2019**, 84, 1898-1907 4.2 19
- 179 Synthesis, characterization and unusual near-infrared luminescence of 1,1,4,4-tetracyanobutadiene derivatives. *Chemical Communications*, **2020**, 56, 3571-3574 5.8 18
- 178 Fused Systems Based on 2-Aminopyrimidines: Synthesis Combining Deprotolithiation-in situ Zincation with N-Arylation Reactions and Biological Properties. *European Journal of Organic Chemistry*, **2017**, 2017, 5903-5915 3.2 18
- 177 Cis and trans-bis(tetrathiafulvalene-acetylide) platinum(II) complexes: syntheses, crystal structures, and influence of the ancillary ligands on their electronic properties. *Dalton Transactions*, **2013**, 42, 383-943 4.3 18
- 176 Gold dithiolene complexes: easy access to 2-alkylthio-thiazole dithiolate complexes. *Dalton Transactions*, **2015**, 44, 15683-9 4.3 17
- 175 Functionalization of pyridyl ketones using deprotolithiation-in situ zincation. *RSC Advances*, **2016**, 6, 63185-63189 4.5 17
- 174 Site-selective Ru-catalyzed C-H bond alkenylation with biologically relevant isoindolinones: a case of catalyst performance controlled by subtle stereo-electronic effects of the weak directing group. *Catalysis Science and Technology*, **2019**, 9, 4711-4717 5.5 17
- 173 Asymmetric synthesis of hetero-1,2,3,4,5-pentasubstituted ferrocenes. *Chemical Communications*, **2019**, 55, 9132-9135 5.8 17
- 172 Reactivity of Functionalized Ynamides with Tetracyanoethylene: Scope, Limitations and Optoelectronic Properties of the Adducts. *Chemistry - an Asian Journal*, **2017**, 12, 1338-1346 4.5 16
- 171 Effect of the coordination of  $\pi$ -acceptor 4-cyanopyridine ligand on the structural and electronic properties of -tetra(-methoxy) and -tetra(-chlorophenyl) porphyrin cobalt(ii) coordination compounds. Application in the catalytic degradation of methylene blue dye.. *RSC Advances*, **2020**, 10, 6900-6918 3.7 16
- 170 Deproto-metallation of N-arylated pyrroles and indoles using a mixed lithium-zinc base and regioselectivity-computed CH acidity relationship. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1475-35 3.5 16
- 169 Controlled Grafting of Tetrathiafulvalene (TTF) Containing Diacetylenic Units on Hydrogen-Terminated Silicon Surfaces: From Redox-Active TTF Monolayer to Polymer Films. *Journal of Physical Chemistry C*, **2012**, 116, 12093-12102 3.8 16
- 168 C-H Bond Alkylation of Cyclic Amides with Maleimides via a Site-Selective-Determining Six-Membered Ruthenacycle. *Journal of Organic Chemistry*, **2019**, 84, 16183-16191 4.2 16
- 167 Ruthenium(II)-Catalyzed C-H (Hetero)Arylation of Alkenylic 1,n-Diazines (n = 2, 3, and 4): Scope, Mechanism, and Application in Tandem Hydrogenations. *Journal of Organic Chemistry*, **2018**, 83, 1462-1477 4.7 15
- 166 Reactivity of CS<sub>2</sub> Syntheses and Structures of Transition-Metal Species with Dithioformate and Methanedithiolate Ligands. *European Journal of Inorganic Chemistry*, **2016**, 2016, 4913-4920 2.3 15
- 165 Side-Chain Metallopolymers Containing Second-Order NLO-Active Bimetallic NiII and PdII Schiff-Base Complexes: Syntheses, Structures, Electrochemical and Computational Studies. *European Journal of Inorganic Chemistry*, **2016**, 2016, 3012-3023 2.3 15
- 164 Subtle Steric Differences Impact the Structural and Conducting Properties of Radical Gold Bis(dithiolene) Complexes. *Chemistry - A European Journal*, **2017**, 23, 16004-16013 4.8 15

163	Diastereoselective Deprotonative Metalation of Sugar-Derived Ferrocene Esters Using Mixed Lithium-Cadmium Combinations. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 3715-3718	3.2	15
162	Deproto-metallation using mixed lithium-zinc and lithium-copper bases and computed CH acidity of 2-substituted quinolines. <i>RSC Advances</i> , <b>2014</b> , 4, 19602-19612	3.7	14
161	From ferrocene to fluorine-containing penta-substituted derivatives and all points in-between; or, how to increase the available chemical space. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 9352-9359	3.9	14
160	Chiral Diketopyrrolopyrrole-Helicene Polymer With Efficient Red Circularly Polarized Luminescence. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 237	5	14
159	Synthesis of Carbo[6]helicene Derivatives Grafted with Amino or Aminoester Substituents from Enantiopure [6]Helicenyl Boronates. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 484-490	4.2	14
158	Extended Phosphepines: Redox and Optically Active P-Heterocycles with Nonplanar Framework. <i>Organic Letters</i> , <b>2019</b> , 21, 802-806	6.2	13
157	Site-Selective Ruthenium-Catalyzed C-H Bond Arylations with Boronic Acids: Exploiting Isoindolinones as a Weak Directing Group. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 12893-12903	4.2	13
156	A sulfur rich electron acceptor and its [Fe(Cp*) <sub>2</sub> ] <sup>+</sup> charge transfer salt with ferromagnetic interactions. <i>Dalton Transactions</i> , <b>2013</b> , 42, 16672-5	4.3	13
155	Naphthyl-Fused Phosphepines: Luminescent Contorted Polycyclic P-Heterocycles. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1856-1863	4.8	13
154	Enzyme-like Supramolecular Iridium Catalysis Enabling C-H Bond Borylation of Pyridines with meta-Selectivity. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18006-18013	16.4	13
153	A kinetic resolution strategy for the synthesis of chiral octahedral NHC-iridium(iii) catalysts. <i>Chemical Communications</i> , <b>2019</b> , 55, 6058-6061	5.8	12
152	Two-dimensional copper (II) halide-based hybrid perovskite templated by 2-chloroethylammonium: Crystal structures, phase transitions, optical and electrical properties. <i>Journal of Solid State Chemistry</i> , <b>2020</b> , 287, 121338	3.3	12
151	Synthesis, molecular structure, photophysical properties and spectroscopic characterization of new 1D-magnesium(II) porphyrin-based coordination polymer. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 5583-5595	2.8	12
150	Barium Siloxides and Catalysed Formation of Si-O-Si' Motifs. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13509-13513	4.8	12
149	Anisyl and ferrocenyl adducts of methylenepyran-containing $\beta$ -diketone: Synthesis, spectral, structural, and redox properties. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 762, 19-28	2.3	12
148	A sulfur-rich $\beta$ -electron acceptor derived from 5,5'-bithiazolidinylidene: charge-transfer complex vs. charge-transfer salt. <i>CrystEngComm</i> , <b>2016</b> , 18, 3925-3933	3.3	12
147	Synthesis, crystal structures, second harmonic generation response and temperature phase transitions of two noncentrosymmetric Cu(II)-hybrid halides compounds: [(R)-C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> ][CuX <sub>4</sub> ] (X = Cl or Br). <i>Journal of Molecular Structure</i> , <b>2019</b> , 1182, 47-53	3.4	12
146	Efficient routes towards a series of 5,5'-bithiazolidinylidenes as $\beta$ -electron acceptors. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 8479-86	3.9	11

145	Bis(imino)carbazolate: A Master Key for Barium Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9120-9126	16.4	11
144	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. <i>Bioorganic Chemistry</i> , <b>2020</b> , 94, 103347	5.1	11
143	Efficient preparation of multimetallic ONO-based Schiff base complexes of nickel(II) and copper(II). <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 5920-5929	3.6	11
142	A new lead-free 1D hybrid copper perovskite and its structural, thermal, vibrational, optical and magnetic characterization. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 5970-5976	7.1	11
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135	Stable lead(II) boroxides. <i>Chemical Communications</i> , <b>2018</b> , 54, 5299-5302	5.8	10
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118	Synthesis of N-Aryl and N-Heteroaryl $\beta$ - $\gamma$ and $\delta$ -Lactams Using Deprotometalation/Coordination and N-Arylation, and Properties Thereof. <i>Synthesis</i> , <b>2017</b> , 28, 4500-4516	2.9	8
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68	Aminofluoroalkoxide amido and boryloxo lead(ii) complexes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 9944-9948	4.3	3
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62	Ultrashort HH intermolecular distance in a supramolecular system in the solid state. <i>Chemical Communications</i> , <b>2021</b> , 57, 7112-7115	5.8	3
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56	Chalcogenolato-bridged dinuclear half sandwich complexes of ruthenium and iridium. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 483, 106-110	2.7	2

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39	Si-containing polycyclic aromatic hydrocarbons: synthesis and opto-electronic properties. <i>Chemical Communications</i> , <b>2021</b> ,	5.8	1
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36	Triple-Decker Sandwich Complexes of Tungsten with Planar and Puckered Middle Decks. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 3524-3528	5.1	1
35	A zero dimensional hybrid organic- inorganic perovskite CuCl <sub>4</sub> based: Synthesis, crystal structure, vibrational, optical properties, DFT and TDFT calculations, dielectric properties and biological activity. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1229, 129838	3.4	1
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33	Structure and New Substructure of Hf <sub>2</sub> O <sub>3</sub> : X-ray Diffraction and Theoretical Study. <i>Journal of Modern Materials</i> , <b>2021</b> , 8, 3-11	0.7	1
32	Cyclometallated 2-Phenylpyrimidine Derived Platinum Complexes: Synthesis and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1592-1600	2.3	1
31	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. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 2375-2382	3.2	1
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27	HFIP-Promoted Substitution in the Ferrocene Series: Smooth Approach towards Original Catalysts**. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 5702	3.2	1
26	Crystal structure, optical properties, vibrational, thermal and biological study of a new polymeric Cd(II) hybrid material. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1242, 130721	3.4	1
25	Molecular structure, spectroscopy, quantum chemical and antibacterial activity investigations of 2-methylbenzylammonium perchlorate. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1247, 131311	3.4	1
24	Chemistry of group 5 metallaboranes with heterocyclic thiol ligands: a combined experimental and theoretical study. <i>Dalton Transactions</i> , <b>2021</b> , 50, 4036-4044	4.3	1
23	Diselenolene proligands: reactivity and comparison with their dithiolene congeners. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 8971-8977	3.6	1
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11	Structural and electronic analysis of bimetallic thiolate complexes of group-5 transition metal ions. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 949, 121943	2.3	○
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8	Zn <sup>2+</sup> and Cu <sup>2+</sup> doping of one-dimensional lead-free hybrid perovskite ABX <sub>3</sub> for white light emission and green solar cell applications. <i>Materials Research Bulletin</i> , <b>2022</b> , 151, 111819	5.1	○
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