

# Antonio Rodriguez Diguez

## List of Publications by Citations

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206  
papers

3,840  
citations

32  
h-index

49  
g-index

219  
ext. papers

4,331  
ext. citations

4.2  
avg, IF

5.49  
L-index

#	Paper	IF	Citations
206	Field and dilution effects on the slow relaxation of a luminescent DyO <sub>9</sub> low-symmetry single-ion magnet. <i>Chemical Communications</i> , <b>2012</b> , 48, 7916-8	5.8	189
205	Guest-induced modification of a magnetically active ultramicroporous, gismondine-like, copper(II) coordination network. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 3978-84	16.4	140
204	Synthesis of Cyclic Carbonates Catalysed by Aluminium Heteroscorpionate Complexes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 9850-62	4.8	93
203	Self-assembled cationic heterochiral honeycomb-layered metal complexes with the in situ generated pyrimidine-2-carboxylato bisdidentate ligand. Hydrothermal synthesis, crystal structures, magnetic properties, and theoretical study of [M <sub>2</sub> (micro-pymca) <sub>3</sub> ]OH.H <sub>2</sub> O (M = FeII, CoII). <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 2503-10	5.1	89
202	Curcumin loaded mesoporous silica: an effective drug delivery system for cancer treatment. <i>Biomaterials Science</i> , <b>2016</b> , 4, 448-59	7.4	83
201	Curcumin-loaded silica-based mesoporous materials: Synthesis, characterization and cytotoxic properties against cancer cells. <i>Materials Science and Engineering C</i> , <b>2016</b> , 63, 393-410	8.3	67
200	Synthesis, X-ray structures and luminescence properties of three multidimensional metal-organic frameworks incorporating the versatile 5-(pyrimidyl)tetrazolato bridging ligand. <i>Dalton Transactions</i> , <b>2007</b> , 1821-8	4.3	63
199	A chiral diamondoid 3D lanthanum metal-organic framework displaying blue-greenish long lifetime photoluminescence emission. <i>CrystEngComm</i> , <b>2010</b> , 12, 1876	3.3	62
198	Tuning the luminescence performance of metal-organic frameworks based on d10 metal ions: from an inherent versatile behaviour to their response to external stimuli. <i>CrystEngComm</i> , <b>2016</b> , 18, 8556-8573	3.3	62
197	Anion influence on the structure and magnetic properties of a series of multidimensional pyrimidine-2-carboxylato-bridged copper(II) complexes. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8143-58	5.1	61
196	Hexacyanocobaltate(III) anions as precursors of Co(II)-Ni(II) cyano-bridged multidimensional assemblies: hydrothermal syntheses, crystal and powder X-ray structures, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 8399-406	5.1	59
195	Rare earth anthracenedicarboxylate metal-organic frameworks: slow relaxation of magnetization of Nd(3+), Gd(3+), Dy(3+), Er(3+) and Yb(3+) based materials. <i>Dalton Transactions</i> , <b>2016</b> , 45, 591-8	4.3	55
194	Structural and magnetic diversity in cyano-bridged bi- and trimetallic complexes assembled from cyanometalates and [M(rac-CTH)] <sub>n</sub> building blocks (CTH = d,l-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane). <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10537-51	5.1	55
193	Hydrothermal syntheses, crystal structures, and properties of two-dimensional homo- and heterometallic cyanide-bridged complexes: [Cu <sub>2</sub> (CN) <sub>2</sub> (bpym)] and [Fe(bipy) <sub>2</sub> (CN) <sub>4</sub> Cu <sub>2</sub> ] (bpym = 2,2'-bipyrimidine, bipy = 2,2'-bipyridine). <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 4209-14	5.1	53
192	Microfluidic paper-based device for colorimetric determination of glucose based on a metal-organic framework acting as peroxidase mimetic. <i>Mikrochimica Acta</i> , <b>2017</b> , 185, 47	5.8	53
191	One-Component Aluminum(heteroscorpionate) Catalysts for the Formation of Cyclic Carbonates from Epoxides and Carbon Dioxide. <i>ChemSusChem</i> , <b>2017</b> , 10, 1175-1185	8.3	52
190	Triazolopyrimidine compounds containing first-row transition metals and their activity against the neglected infectious Chagas disease and leishmaniasis. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 85, 526-34	6.8	47

189	Theoretical and experimental study of the effectiveness of the 5-pyrimidyl-tetrazolate bridging ligand in mediating magnetic exchange interactions. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 8986-96	5.1	45
188	Designing Multifunctional 5-Cyanoisophthalate-Based Coordination Polymers as Single-Molecule Magnets, Adsorbents, and Luminescent Materials. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11230-11248	5.1	45
187	Structure, magnetism and DFT studies of dinuclear and chain complexes containing the tetrazolate-5-carboxylate multidentate bridging ligand. <i>Dalton Transactions</i> , <b>2009</b> , 6335-44	4.3	43
186	A family of acetato-diphenoxo triply bridged dimetallic Zn(II)Ln(III) complexes: SMM behavior and luminescent properties. <i>Dalton Transactions</i> , <b>2016</b> , 45, 9712-26	4.3	43
185	In vitro and in vivo antiparasital activity against <i>Trypanosoma cruzi</i> of three novel 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one-based complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 770-6	4.2	42
184	A rational design by hydrothermal methods of a tetrazolate-bridged bimetallic spin-canted antiferromagnet. Synthesis, X-ray structure and magnetic properties of [CoNi(pmtz) <sub>4</sub> ] (Hpmtz = 5-(pyrimidyl)tetrazole). <i>Dalton Transactions</i> , <b>2008</b> , 2887-93	4.3	42
183	Influence of pseudohalide ligands on the structural versatility and properties of novel ternary metal complexes with 1,2,4-triazolo[1,5-a]pyrimidine. <i>CrystEngComm</i> , <b>2010</b> , 12, 3038	3.3	41
182	[Zn(n)(polyox)(pmtz) <sub>n</sub> ]: the first polyoxalate-containing coordination polymer from an unforeseen chemical rearrangement of 5-pyrimidyl-tetrazole under hydrothermal conditions. <i>Chemical Communications</i> , <b>2006</b> , 4140-2	5.8	41
181	Dinuclear silver(I) complexes for the design of metal-ligand networks based on triazolopyrimidines. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11845-55	4.3	40
180	Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3893-3906	3.5	38
179	Influence of metal ions, coligands and reaction conditions on the structural versatility and properties of 5-pyrimidyl-tetrazolate containing complexes. <i>Dalton Transactions</i> , <b>2009</b> , 9578-86	4.3	38
178	Luminescence and magnetic properties of three metal-organic frameworks based on the 5-(1H-tetrazol-5-yl)isophthalic acid ligand. <i>CrystEngComm</i> , <b>2013</b> , 15, 7636	3.3	37
177	Biological activity of three novel complexes with the ligand 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one against <i>Leishmania</i> spp. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 813-9	5.1	35
176	The role of unconventional stacking interactions in the supramolecular assemblies of Hg(II) coordination compounds. <i>CrystEngComm</i> , <b>2016</b> , 18, 9056-9066	3.3	34
175	Design, synthesis and characterization of doped-titanium oxide nanomaterials with environmental and angiogenic applications. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 1263-1274	10.2	33
174	A Zn based coordination polymer exhibiting long-lasting phosphorescence. <i>Chemical Communications</i> , <b>2016</b> , 52, 8671-4	5.8	32
173	Anion controlled structural and magnetic diversity in unusual mixed-bridged polynuclear Ni(II) complexes with a versatile bis(2-methoxy phenol)diamine hexadentate ligand. An experimental and theoretical magneto-structural study. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13509-24	4.3	31
172	Modular structure of a robust microporous MOF based on Cu <sub>2</sub> paddle-wheels with high CO <sub>2</sub> selectivity. <i>Chemical Communications</i> , <b>2013</b> , 49, 11329-31	5.8	30

171	Influence of the anions on the structure and magnetic properties of a series of bis(diphenoxo)-bridged linear trinuclear copper(II) complexes: an experimental and theoretical study. <i>Dalton Transactions</i> , <b>2011</b> , 40, 12462-71	4.3	29
170	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis studies of carbohydrazone based on Zn(II) complexes. <i>CrystEngComm</i> , <b>2016</b> , 18, 102-112	3.3	28
169	In vivo potential antidiabetic activity of a novel zinc coordination compound based on 3-carboxy-pyrazole. <i>Journal of Inorganic Biochemistry</i> , <b>2014</b> , 131, 64-7	4.2	28
168	Enhanced ferromagnetic interaction in metallacyclic complexes incorporating m-phenylenediamidato bridges. <i>Dalton Transactions</i> , <b>2009</b> , 8538-47	4.3	28
167	An experimental and theoretical magneto-structural study of polynuclear Ni(II) complexes assembled from a versatile bis(salicylaldehyde)diamine polytopic ligand. <i>Dalton Transactions</i> , <b>2015</b> , 44, 6825-38	4.3	27
166	Toward a New Type of Multifunctional Metal-Organic Systems Based on Nucleobase Analogues: First Results Derived From The Use of Aliphatic Dicarboxylates. <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 3583-3593	3.5	27
165	Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1H-pyrazole. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 969-978	3.5	27
164	Coordination Polymers with Intriguing Photoluminescence Behavior: The Promising Avenue for Greatest Long-Lasting Phosphors. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2155-2174	2.3	26
163	Lanthanide complexes containing 5-methyl-1,2,4-triazolo[1,5-a] pyrimidin-7(4H)-one and their therapeutic potential to fight leishmaniasis and Chagas disease. <i>Journal of Inorganic Biochemistry</i> , <b>2014</b> , 138, 39-46	4.2	26
162	First examples of metal-organic frameworks with the novel 3,3'-(1,2,4,5-tetrazine-3,6-diyl)dibenzoic spacer. Luminescence and adsorption properties. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 546-8	5.1	26
161	Controlling interpenetration for tuning porosity and luminescence properties of flexible MOFs based on biphenyl-4,4'-dicarboxylic acid. <i>CrystEngComm</i> , <b>2016</b> , 18, 1282-1294	3.3	25
160	Rational design of ferromagnetic coupled diphenoxycarboxylate triply bridged dinuclear nickel(II) complexes: orbital countercomplementarity of the bridging ligands. <i>Dalton Transactions</i> , <b>2012</b> , 41, 14265-73	4.3	25
159	Multifunctional behavior of molecules comprising stacked cytosine-Ag-cytosine base pairs; towards conducting and photoluminescence silver-DNA nanowires. <i>Chemical Science</i> , <b>2019</b> , 10, 1126-1137	9.4	24
158	Effect of $\pi$ -stacking interactions on the emission properties of cadmium metal-organic frameworks based on 1,4-bis(4-pyridyl)-2,3-diaza-1,3-butadiene. <i>CrystEngComm</i> , <b>2015</b> , 17, 3659-3666	3.3	24
157	Slow relaxation of magnetization in 3D-MOFs based on dysprosium dinuclear entities bridged by dicarboxylic linkers. <i>CrystEngComm</i> , <b>2016</b> , 18, 3055-3063	3.3	24
156	Design of cost-efficient and photocatalytically active Zn-based MOFs decorated with CuO nanoparticles for CO methanation. <i>Chemical Communications</i> , <b>2019</b> , 55, 10932-10935	5.8	24
155	Solvent-dependent 2D-coordination polymers of Cu(I) containing a bridging triazolopyrimidine ligand. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 376, 674-678	2.7	24
154	Pyridine Vapors Detection by an Optical Fibre Sensor. <i>Sensors</i> , <b>2008</b> , 8, 847-859	3.8	24

153	From isolated to 2D coordination polymers based on 6-aminonicotinate and 3d-metal ions: towards field-induced single-ion-magnets. <i>CrystEngComm</i> , <b>2017</b> , 19, 2229-2242	3.3	23
152	Structural consequences of the introduction of 2,2'-bipyrimidine as auxiliary ligand in triazolopyrimidine-based transition metal complexes. In vitro antiparasitic activity. <i>Polyhedron</i> , <b>2012</b> , 33, 137-144	2.7	23
151	Synthesis of Bio-Derived Cyclic Carbonates from Renewable Resources. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 20126-20138	8.3	23
150	Ruthenium(II)-arene complexes with dibenzoylmethane induce apoptotic cell death in multiple myeloma cell lines. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 454, 139-148	2.7	22
149	Carbodiimides as catalysts for the reduction of CO with boranes. <i>Chemical Communications</i> , <b>2018</b> , 54, 4700-4703	5.8	22
148	Structural and magnetic properties of three novel complexes with the versatile ligand 5-methyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5180-7	4.3	22
147	Synthesis of helical aluminium catalysts for cyclic carbonate formation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 4218-4227	4.3	21
146	Anticancer Applications of Nanostructured Silica-Based Materials Functionalized with Titanocene Derivatives: Induction of Cell Death Mechanism through TNFR1 Modulation. <i>Materials</i> , <b>2018</b> , 11,	3.5	21
145	Efficient hydridoiron(II)-diketone-catalyzed hydrolysis of ammonia- or amine-boranes for hydrogen generation in air. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11652-60	4.3	21
144	Multifunctional applications of a dysprosium-based metal-organic chain with single-ion magnet behaviour. <i>CrystEngComm</i> , <b>2016</b> , 18, 8718-8721	3.3	21
143	Preparation and Study of the Antibacterial Applications and Oxidative Stress Induction of Copper Maleamate-Functionalized Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	21
142	Experimental and Theoretical Study of a Cadmium Coordination Polymer Based on Aminonicotinate with Second-Timescale Blue/Green Photoluminescent Emission. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3149-3152	5.1	20
141	Two mixed-ligand cadmium(II) compounds bearing 5-nitrosopyrimidine and N-donor aromatic blocks: self-assembly generation, structural and topological features, DFT studies, and Hirshfeld surface analysis. <i>CrystEngComm</i> , <b>2016</b> , 18, 5647-5657	3.3	20
140	Highly Active Anti-Diabetic Metal-Organic Framework. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 537-540	3.5	20
139	[Co(μ <sub>2</sub> -bpx)(Hpmtz)] <sub>n</sub> : A New 1D Zig-Zag Chain Complex with the In Situ Generated Oxalate Bridging and Hpmtz Chelating Ligands (Hpmtz = 5-pyrimidyltetrazole) Exhibiting Spin-Canted Antiferromagnetism. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 203-207	2.3	20
138	Novel 3D lanthanum oxalate metal-organic-framework: Synthetic, structural, luminescence and adsorption properties. <i>Polyhedron</i> , <b>2013</b> , 52, 315-320	2.7	20
137	Multidimensional Cyanide-Bridged Heterometallic Fe(II)-Cu(I) and Homometallic Cu(I) Coordination Polymers from Solvothermal Reactions Involving either K <sub>3</sub> [Fe(CN) <sub>6</sub> ] or KCN as the Source of Cyanide Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 2860-2868	2.3	19
136	In vitro leishmanicidal and trypanocidal evaluation and magnetic properties of 7-amino-1,2,4-triazolo[1,5-a]pyrimidine Cu(II) complexes. <i>Journal of Inorganic Biochemistry</i> , <b>2018</b> , 180, 26-32	4.2	19

135	Photoluminescence and magnetic analysis of a family of lanthanide(III) complexes based on diclofenac. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5467-5475	3.6	18
134	Stereoselective formation and catalytic activity of hydrido(acylphosphane)(chlorido)(pyrazole)rhodium(III) complexes. Experimental and DFT studies. <i>Dalton Transactions</i> , <b>2015</b> , 44, 13141-55	4.3	18
133	New copper(II), nickel(II) and zinc(II) complexes with 1,2,4-triazolo[1,5-a]pyrimidines and the chelating ligand 1,3-propanediamine: An unexpected coordination behavior for the 7-amine-derivative. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 378, 194-201	2.7	18
132	Efficient Hydrosilylation of Acetophenone with a New Anthraquinonic Amide-Based Iron Precatalyst. <i>Organometallics</i> , <b>2016</b> , 35, 4083-4089	3.8	18
131	Rational design of triple-bridged dinuclear ZnIIInIII-based complexes: a structural, magnetic and luminescence study. <i>CrystEngComm</i> , <b>2017</b> , 19, 256-264	3.3	17
130	Applications of Nanomaterials Based on Magnetite and Mesoporous Silica on the Selective Detection of Zinc Ion in Live Cell Imaging. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	17
129	3d-3d-4f Chain complexes constructed using the dinuclear metallacyclic complex [Ni(2)(mbpb)(3)](2-) [H(2)mbpb = 1,3-bis(pyridine-2-carboxamide)benzene] as a ligand: synthesis, structures, and magnetic properties. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1826-33	5.1	17
128	A novel 3D cyano-bridged mixed-valence CoII/CoIII canted antiferromagnet constructed from defective cubanes. Synthesis, X-ray structure and magnetic properties. <i>Dalton Transactions</i> , <b>2007</b> , 2145-43	4.3	17
127	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. <i>Dalton Transactions</i> , <b>2018</b> , 47, 12783-12794	4.3	17
126	Ring-opening copolymerisation of cyclohexene oxide and carbon dioxide catalysed by scorpionate zinc complexes. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 6475-6484	4.9	16
125	Dual investigation of lanthanide complexes with cinnamate and phenylacetate ligands: Study of the cytotoxic properties and the catalytic oxidation of styrene. <i>Polyhedron</i> , <b>2014</b> , 80, 117-128	2.7	16
124	Designing Single-Ion Magnets and Phosphorescent Materials with 1-Methylimidazole-5-carboxylate and Transition-Metal Ions. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 13897-13912	5.1	16
123	Heterometallic Oximate-Bridged Linear Trinuclear NiII[MIII]NiII (MIII = Mn, Fe, Tb) Complexes Constructed with the fac-O3 [Ni(HL)3] Metalloligand (H2L = pyrimidine-2-carboxamide oxime): A Theoretical and Experimental Magneto-Structural Study. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 5225-5232	2.3	16
122	Novel anti-diabetic and luminescent coordination compounds based on vanadium. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 5387-5393	3.6	16
121	A Potassium Metal-Organic Framework based on Perylene-3,4,9,10-tetracarboxylate as Sensing Layer for Humidity Actuators. <i>Scientific Reports</i> , <b>2018</b> , 8, 14414	4.9	16
120	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe(III)-violurate derivative: a combined experimental and theoretical study. <i>Dalton Transactions</i> , <b>2016</b> , 45, 16166-16172	4.3	15
119	Long lifetime photoluminescence emission of 3D cadmium metal-organic frameworks based on the 5-(4-pyridyl)tetrazole ligand. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 427, 131-137	2.7	15
118	Development of polymeric sensing films based on a tridentate bis(phosphinic amide)-phosphine oxide for detecting europium(III) in water. <i>Dalton Transactions</i> , <b>2012</b> , 41, 6735-48	4.3	15



117	Insights on the binding ability of a new adenine analog: 7-amine-1,2,4-triazolo[1,5-a]pyrimidine. Synthesis and magnetic study of the first copper(II) complexes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 1755-64	4.3	15
116	Synthesis, structure, magnetic properties and DFT calculations of novel bis-(5-tetrazolyl)amine copper(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 385, 73-80	2.7	15
115	Tuning the porosity through interpenetration of azobenzene-4,4'-dicarboxylate-based metal-organic frameworks. <i>CrystEngComm</i> , <b>2015</b> , 17, 7636-7645	3.3	14
114	Alkaline-earth metal based MOFs with second scale long-lasting phosphor behavior. <i>CrystEngComm</i> , <b>2018</b> , 20, 4793-4803	3.3	14
113	Hydrido{(acylphosphine)(diphenylphosphinous acid)}rhodium(III) Complexes. Catalysts for the Homogeneous Hydrolysis of Ammonia- or Amine-Boranes under Air. <i>Organometallics</i> , <b>2014</b> , 33, 6044-6052	3.8	14
112	Dinuclear Coordination Compounds Based on a 5-Nitropicolinic Carboxylate Ligand with Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8768-8775	5.1	14
111	Anion encapsulation promoted by anion-π interactions in rationally designed hexanuclear antiferromagnetic wheels: synthesis, structure and magnetic properties. <i>CrystEngComm</i> , <b>2009</b> , 11, 2054	3.3	14
110	Alkaline-earth and aminonicotinate based coordination polymers with combined fluorescence/long-lasting phosphorescence and metal ion sensing response. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 6997-7012	7.1	13
109	Antiparasitic activity against trypanosomatid diseases and novel metal complexes derived from the first time characterized 5-phenyl-1,2,4-triazolo[1,5-a]pyrimidin-7(4H)-one. <i>Journal of Inorganic Biochemistry</i> , <b>2017</b> , 175, 217-224	4.2	13
108	Suzuki-Miyaura C-C Coupling Reactions Catalyzed by Supported Pd Nanoparticles for the Preparation of Fluorinated Biphenyl Derivatives. <i>Catalysts</i> , <b>2017</b> , 7, 76	4	13
107	Novel metal-organic frameworks based on 5-bromonicotinic acid: Multifunctional materials with H <sub>2</sub> purification capabilities. <i>CrystEngComm</i> , <b>2012</b> , 14, 6390	3.3	13
106	A study of the second coordination sphere in 8-azaxanthinato salts of divalent metal aquacomplexes. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 1553-1558	2.7	13
105	Synthesis, structures and luminescence properties of two new Zn(II) coordination compounds incorporating the 5-(4-pyridyl)tetrazolate spacer ligand. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 3194-3199	2.7	13
104	Crystal structure and magnetic properties of [Cu(cyclam)] <sub>3</sub> [Fe(CN) <sub>6</sub> ] <sub>2</sub> · 6H <sub>2</sub> O, a cyano-bridged assembly with a rope-ladder chain structure. <i>Polyhedron</i> , <b>2007</b> , 26, 2859-2863	2.7	13
103	A tris-imidazolecarboxyaldehyde copper(II) complex with unusual carbonyl co-ordination: structure and reactivity. <i>Dalton Transactions RSC</i> , <b>2002</b> , 561-565		13
102	In vitro leishmanicidal activity of copper (II) 5,7-dimethyl-1,2,4-triazolo[1,5-a]pyrimidine complex and analogous transition metal series. <i>Polyhedron</i> , <b>2020</b> , 176, 114272	2.7	13
101	Versatile organoaluminium catalysts based on heteroscorpionate ligands for the preparation of polyesters. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7471-7479	4.3	13
100	High antiparasitic activity of silver complexes of 5,7-dimethyl-1,2,4-triazolo[1,5 a]pyrimidine. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 201, 110810	4.2	12

99	A new anthraquinoid ligand for the iron-catalyzed hydrosilylation of carbonyl compounds at room temperature: new insights and kinetics. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7272-7281	4.3	12
98	Chiral coordination polymers based on d metals and 2-aminonicotinate with blue fluorescent/green phosphorescent anisotropic emissions. <i>Dalton Transactions</i> , <b>2018</b> , 47, 8746-8754	4.3	11
97	A double basic Sr-amino containing MOF as a highly stable heterogeneous catalyst. <i>Dalton Transactions</i> , <b>2019</b> , 48, 11556-11564	4.3	11
96	Double and triple stranded mesocates containing the bis(bidentate) bridging ligand 1,3-bis(pyridine-2-carboxamide)benzene. Structure, properties and DNA interaction. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 1901	3.6	11
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