

Paola Brandao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

3,056
citations

28
h-index

40
g-index

236
ext. papers

3,506
ext. citations

3.6
avg, IF

5.24
L-index

#	Paper	IF	Citations
217	Dissociation of a tripodal pyridyl-pyrazole ligand and assortment of metal complex: Synthesis, structure, DFT, thermal stability, cytotoxicity, DNA cleavage, and molecular docking studies. <i>Journal of Molecular Structure</i> , 2022 , 1256, 132479	3.4	1
216	A comparative study of noncovalent interactions in various Ni-compounds containing nitrogen heteroaromatic ligands and pseudohalides: A combined experimental and theoretical studies. <i>Inorganica Chimica Acta</i> , 2022 , 531, 120702	2.7	
215	Ligand mediated structural diversity of copper(II)-azido moiety: Synthesis, structure and magnetic study. <i>Inorganica Chimica Acta</i> , 2022 , 531, 120713	2.7	3
214	The first exploration of coordination chemistry using a methyl substituted o-vanillin based ligand: an example starting with Dy ₄ /Zn ₂ Dy ₂ systems displaying slow relaxation of magnetization. <i>New Journal of Chemistry</i> , 2022 , 46, 5627-5637	3.6	3
213	Impact of Positional Isomers on the Selective Isolation of cis-trans Isomers in Cobalt-Dioxolene Chemistry and Solvation Effects on the Valence Tautomerism in the Solid State. <i>Crystal Growth and Design</i> , 2022 , 22, 993-1004	3.5	
212	Effect of ancillary ligand on DNA and protein interaction of the two Zn (II) and Co (III) complexes: experimental and theoretical study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-16	3.6	1
211	2D Layered Dipeptide Crystals for Piezoelectric Applications (Adv. Funct. Mater. 43/2021). <i>Advanced Functional Materials</i> , 2021 , 31, 2170320	15.6	
210	Synthesis of uranium complexes incorporating extended azo-imine ligands: Molecular and electronic structure. <i>Journal of the Indian Chemical Society</i> , 2021 , 98, 100049		
209	Supramolecular Antiparallel β Sheet Formation by Tetrapeptides Based on Amyloid Sequence. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4274-4285	3.4	2
208	New heptacoordinate tungsten(II) complexes with β diimine ligands in the catalytic oxidation of multifunctional olefins. <i>Inorganica Chimica Acta</i> , 2021 , 519, 120263	2.7	0
207	A HNO ₂ -Responsive Aqueous Biphasic System for Metal Separation: Application towards Ce Recovery. <i>ChemSusChem</i> , 2021 , 14, 3018-3026	8.3	2
206	Synthesis, structure elucidation and dft study of a new thiazolepyridine anchored nnn donor and it's cobalt(II) complex: In-vitro antitumor activity against U937 cancer cells, dna binding property and molecular docking study. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129015	3.4	5
205	Role of imidazole edge to edge supramolecular interaction in the crystal packing of Cu(II)(SCN) ₂ (imidazole) ₂ complex: A novel variety of supramolecular interaction revealed by CCDC database analysis and explored through DFT computational studies. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129513	3.4	1
204	Tuneable structures and magnetic properties of pseudohalo-bridged dinuclear Ni(II) complexes derived from {N ₄ } and {N ₃ O} donor ligands. <i>CrystEngComm</i> , 2021 , 23, 3371-3382	3.3	1
203	Anticancer activity, DNA binding and docking study of M(II)-complexes (M = Zn, Cu and Ni) derived from a new pyrazinethiazole ligand: synthesis, structure and DFT. <i>New Journal of Chemistry</i> , 2021 , 45, 11999-12015	3.6	3
202	Proton controlled synthesis of two dicopper(II) complexes and their magnetic and biomimetic catalytic studies together with probing the binding mode of the substrate to the metal center. <i>Dalton Transactions</i> , 2021 , 50, 15233-15247	4.3	2
201	A novel triple aqua-, phenoxo- and carboxylato-bridged dinickel(II) complex, its magnetic properties, and comparative biomimetic catalytic studies with analogous dinickel(II) complexes. <i>New Journal of Chemistry</i> , 2021 , 45, 7602-7613	3.6	3

200	A new series of 3D lanthanide phenoxycarboxylates: synthesis, crystal structure, magnetism and photoluminescence studies. <i>CrystEngComm</i> , 2021 , 23, 4143-4151	3.3	4
199	2D Layered Dipeptide Crystals for Piezoelectric Applications. <i>Advanced Functional Materials</i> , 2021 , 31, 2102524	15.6	7
198	Crystal structures of bis(2-methoxy-3-pyridyl) diselenide and bis(2-methoxy-3-pyridyl) ditelluride: an investigation by X-ray crystallography and DFT calculations. <i>Journal of Molecular Structure</i> , 2021 , 1240, 130568	3.4	3
197	Spectroscopic characterization, structural investigation, DFT study, and Hirshfeld surface analysis of rhodium and ruthenium amido azo complexes. <i>Journal of Molecular Structure</i> , 2021 , 1241, 130671	3.4	1
196	Synthesis, characterization, X-ray crystal structure and antibacterial activity of bis[3-(4-chloro-N,N-diethylpyridine-2-carboxamide)] diselenide. <i>Inorganic Chemistry Communication</i> , 2021 , 133, 108942	3.1	2
195	Multifunctional Ni(II)-Based Metamagnetic Coordination Polymers for Electronic Device Fabrication. <i>Inorganic Chemistry</i> , 2020 , 59, 8749-8761	5.1	7
194	The first report of a tetra-azide bound mononuclear cobalt(III) complex and its comparative biomimetic catalytic activity with tri-azide bound cobalt(III) compounds. <i>New Journal of Chemistry</i> , 2020 , 44, 11527-11536	3.6	2
193	Syntheses, Structures and Magnetic Properties of Ferromagnetically/Antiferromagnetically Coupled Penta- and Hexanuclear Azido-Bridged Nickel(II) Coordination Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2362-2371	2.3	5
192	X-ray structurally characterized Mo (VI), Fe (III) and Cu (II) complexes of amide-imine conjugate: (bio)catalytic and histidine recognition studies. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5823	3.1	0
191	Solid-liquid phase equilibrium of trans-cinnamic acid, p-coumaric acid and ferulic acid in water and organic solvents: Experimental and modelling studies. <i>Fluid Phase Equilibria</i> , 2020 , 521, 112747	2.5	6
190	Efficient Visible-Light-Excitable Eu ³⁺ Complexes for Red Organic Light-Emitting Diodes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1260-1270	2.3	14
189	A polynuclear Cu(II) complex for real time monitoring of mitochondrial cytochrome C release during cellular apoptosis. <i>Chemical Communications</i> , 2020 , 56, 6563-6566	5.8	4
188	Induced apoptosis against U937 cancer cells by Fe(II), Co(III) and Ni(II) complexes with a pyrazine-thiazole ligand: Synthesis, structure and biological evaluation. <i>Polyhedron</i> , 2020 , 182, 114503	2.7	5
187	Combined experimental and computational studies on preferential CO ₂ adsorption over a zinc-based porous framework solid. <i>New Journal of Chemistry</i> , 2020 , 44, 1806-1816	3.6	2
186	Purification of mercury-contaminated water using new AM-11 and AM-14 microporous silicates. <i>Separation and Purification Technology</i> , 2020 , 239, 116438	8.3	4
185	The role of methyl and benzyl substituted dithiocarbamate of 2-acetyl pyridine for the formation of bridged dimeric and unbridged monomeric copper(II) complexes and catecholase mimetic activity of the complexes. <i>Polyhedron</i> , 2020 , 176, 114277	2.7	1
184	Picoline based fluorescence turn-on chemosensor for zinc(II) ion recognition, cell imaging and cytotoxicity study: Synthesis, crystal structure, spectroscopy and DFT. <i>Polyhedron</i> , 2020 , 192, 114815	2.7	1
183	Magneto-structural Studies in Double Chloro- and Pseudohalo-bridged Isomorphous Dinickel(II) Complexes. <i>ChemistrySelect</i> , 2020 , 5, 12924-12931	1.8	5

182	Supramolecular assemblies of a 1,8-naphthalimide conjugate and its aggregation-induced emission property. <i>Materials Advances</i> , 2020 , 1, 3532-3538	3.3	2
181	Azido and thiocyanato bridged dinuclear Ni(II) complexes involving 8-aminoquinoline based Schiff base as blocking ligands: Crystal structures, ferromagnetic properties and magneto-structural correlations. <i>Polyhedron</i> , 2020 , 188, 114708	2.7	9
180	Separation of mandelic acid enantiomers using solid-liquid biphasic systems with chiral ionic liquids. <i>Separation and Purification Technology</i> , 2020 , 252, 117468	8.3	7
179	Macrocyclic supported dimetallic lanthanide complexes with slow magnetic relaxation in Dy analogues. <i>Dalton Transactions</i> , 2020 , 49, 14169-14179	4.3	5
178	A facile biomimetic catalytic activity through hydrogen atom abstraction by the secondary coordination sphere in manganese(III) complexes. <i>Dalton Transactions</i> , 2020 , 49, 14216-14230	4.3	8
177	Bioactive vitamin-metal compounds: other potential applications of vitamins 2020 , 33-49		1
176	Synthesis, structure and catalytic promiscuity of a naphthyl-pyrazole Mn(II) complex and structure-activity relationships. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 2636-2653	1.6	3
175	Ultrasonic synthesis of Oct. trans-BrCu(N ? N) Jahn-Teller distortion complex: XRD-properties, solvatochromism, thermal, kinetic and DNA-binding evaluations. <i>Ultrasonics Sonochemistry</i> , 2019 , 52, 428-436	8.9	14
174	Solvent and temperature effects on the solubility of syringic, vanillic or veratric acids: Experimental, modeling and solid phase studies. <i>Journal of Molecular Liquids</i> , 2019 , 289, 111089	6	16
173	Exploring Anticancer and (Bio)catalytic Activities of New Oxovanadium(V), Dioxomolybdenum(VI), and Copper(II) Complexes of Amide-Imine Conjugates.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2802-2811	4.1	8
172	Biomimetic catalytic activity and structural diversity of cobalt complexes with N3O-donor Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2019 , 490, 163-172	2.7	12
171	Synthesis, structure and diverse coordination chemistry of cobalt(III) complexes derived from a Schiff base ligand and their biomimetic catalytic oxidation of o-aminophenols. <i>Polyhedron</i> , 2019 , 164, 23-34	2.7	8
170	New Molybdenum(II) Complexes with Diimine Ligands: Synthesis, Structure, and Catalytic Activity in Olefin Epoxidation. <i>Molecules</i> , 2019 , 24,	4.8	4
169	Oxovanadium(V) and Dioxomolybdenum(VI) Complexes of Amide-Imine Conjugates: Structures, Catalytic and Antitumor Activities.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3964-3973	4.1	3
168	A New Chiral Ni4O4 Distorted Cube: Synthesis, Structure, and Magneto-Structural Correlation. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3840-3845	2.3	2
167	Metal-Ligand Cooperative Approach To Achieve Dehydrogenative Functionalization of Alcohols to Quinolines and Quinazolin-4(3)-ones under Mild Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2019 , 84, 10160-10171	4.2	42
166	Cd(II) Based Coordination Polymer Series: Fascinating Structures, Efficient Semiconductors, and Promising Nitro Aromatic Sensing. <i>Crystal Growth and Design</i> , 2019 , 19, 6431-6447	3.5	34
165	Naphthalene Based Amide-Imine Derivative and its Dinuclear Vanadium Complex: Structures, Atmospheric CO2 Fixation and Theoretical Support. <i>ChemistrySelect</i> , 2019 , 4, 10254-10259	1.8	2

164	Optical sensors for detection of nano-molar Zn ²⁺ in aqueous medium: Direct evidence of probe-Zn ²⁺ binding by single crystal X-ray structures. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 368, 52-61	4.7	1
163	An unusual iminoacylation of 2-amino pyridyl thiazole: Synthesis, X-ray crystallography and DFT study of copper(II) amidine complexes and their cytotoxicity, DNA binding and cleavage study. <i>Polyhedron</i> , 2019 , 159, 436-445	2.7	9
162	Pyridine-2-olato chelated ruthenium(II) organometallics incorporating imine-phenol function: spectroscopic, structural, electrochemical, and theoretical studies. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 164-179	1.6	2
161	Iron-Catalyzed/Mediated C-N Bond Formation: Competition between Substrate Amination and Ligand Amination. <i>Inorganic Chemistry</i> , 2019 , 58, 1935-1948	5.1	11
160	Development of novel Cu(I) compounds with vitamin B1 derivative and their potential application as anticancer drugs. <i>Inorganica Chimica Acta</i> , 2019 , 487, 287-294	2.7	2
159	Exploring aggregation-induced emission through tuning of ligand structure for picomolar detection of pyrene. <i>Journal of Molecular Recognition</i> , 2019 , 32, e2771	2.6	2
158	Influence of anions and solvents on distinct coordination chemistry of cobalt and effect of coordination spheres on the biomimetic oxidation of o-aminophenols. <i>Molecular Catalysis</i> , 2018 , 449, 49-61	3.3	17
157	Synthesis, structure and magnetic properties of dinuclear cobalt-tetraoxolene complexes with bidentate terminal ligands. <i>Polyhedron</i> , 2018 , 144, 152-157	2.7	6
156	Synthesis, characterization, spectral and catalytic activity of tetradentate (NNNO) azo-imine Schiff base copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2018 , 479, 221-228	2.7	16
155	Anion-reliant structural versatility of novel cadmium(II) complexes: Synthesis, crystal structures, photoluminescence properties and exploration of unusual O π S chalcogen bonding involving thiocyanate coligand. <i>Inorganica Chimica Acta</i> , 2018 , 469, 189-196	2.7	14
154	Synthesis of Multinuclear Zn(II) Complexes Involving 8-Aminoquinoline- Based Schiff-Base Ligand: Structural Diversity, DNA Binding Studies and Theoretical Calculations.. <i>ChemistrySelect</i> , 2018 , 3, 7697-7706	1.8	5
153	Redox-Induced Interconversion and Ligand-Centered Hemilability in Ni Complexes of Redox-Noninnocent Azo-Aromatic Pincers. <i>Inorganic Chemistry</i> , 2018 , 57, 5830-5841	5.1	18
152	Syntheses of Zn(II) and Cu(II) Schiff base complexes using N,O donor Schiff base ligand: Crystal structure, DNA binding, DNA cleavage, docking and DFT study. <i>Polyhedron</i> , 2018 , 141, 153-163	2.7	36
151	Syntheses, crystal structures, DNA binding, DNA cleavage, molecular docking and DFT study of Cu(II) complexes involving N ₂ O ₄ donor azo Schiff base ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 246-259	3.6	25
150	An aminoquinoline based biocompatible fluorescent and colourimetric pH sensor designed for cancer cell discrimination. <i>New Journal of Chemistry</i> , 2018 , 42, 19818-19826	3.6	22
149	Solubility and solid phase studies of isomeric phenolic acids in pure solvents. <i>Journal of Molecular Liquids</i> , 2018 , 272, 1048-1057	6	12
148	Exploring (bio)catalytic activities of structurally characterised Cu(ii) and Mn(iii) complexes: histidine recognition and photocatalytic application of Cu(ii) complex and derived CuO nano-cubes. <i>Dalton Transactions</i> , 2018 , 47, 14008-14016	4.3	4
147	Copper(II) and cobalt(II) complexes of 5-methyl pyrazole-3-carboxylic acid: synthesis, X-ray crystallography, thermal analysis and in vitro antimicrobial activity. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 3648-3664	1.6	4

146	Syntheses, crystal structures, DNA binding, DNA cleavage and DFT study of Co(III) complexes involving azo-appended Schiff base ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 16571-16582	3.6	5
145	Synthesis, characterization, cytotoxicity effect and DNA cleavage study of symmetric dinuclear chloro and azido bridged copper(II) complexes of naphthyl-pyrazole based ligand. <i>Inorganica Chimica Acta</i> , 2018 , 482, 621-634	2.7	6
144	Experimental and computational investigations of the photosensitive Schottky barrier diode property of an azobenzene based small organic molecule. <i>New Journal of Chemistry</i> , 2018 , 42, 13430-13441	2.6	4
143	Pseudohalides regulated diverse helicity in copper(II) coordination polymers derived from a bis(aminoethoxy) ligand. <i>Polyhedron</i> , 2017 , 124, 262-274	2.7	3
142	Vitamin B metal-organic frameworks as potential delivery vehicles for therapeutic nitric oxide. <i>Acta Biomaterialia</i> , 2017 , 51, 66-74	10.8	28
141	Synthesis and characterization of a novel dicyanamide-bridged Co(II) 1-D coordination polymer with a N 4 -donor Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2017 , 464, 65-73	2.7	7
140	Synthesis of a new pyridinyl thiazole ligand with hydrazone moiety and its cobalt(III) complex: X-ray crystallography, in vitro evaluation of antibacterial activity. <i>Polyhedron</i> , 2017 , 134, 230-237	2.7	24
139	The structure and magnetism of mono- and di-nuclear Ni(II) complexes derived from {N3O}-donor Schiff base ligands. <i>New Journal of Chemistry</i> , 2017 , 41, 3143-3153	3.6	28
138	Design, structural characterization and cytotoxic properties of copper(I) and copper(II) complexes formed by vitamin B 3 type. <i>Polyhedron</i> , 2017 , 138, 277-286	2.7	5
137	Catalytic properties of a cobalt metal-organic framework with a zwitterionic ligand synthesized in situ. <i>Dalton Transactions</i> , 2017 , 46, 15698-15703	4.3	10
136	Influence of ancillary ligands on preferential geometry and biomimetic catalytic activity in manganese(III)-catecholate systems: A combined experimental and theoretical study. <i>Journal of Inorganic Biochemistry</i> , 2017 , 176, 77-89	4.2	7
135	Nuclearity versus oxidation state in the catalytic efficiency of MnII/III azo Schiff base complexes: computational study on supramolecular interactions and phenoxazinone synthase-like activity. <i>New Journal of Chemistry</i> , 2017 , 41, 11607-11618	3.6	10
134	The development of a promising photosensitive Schottky barrier diode using a novel Cd(ii) based coordination polymer. <i>Dalton Transactions</i> , 2017 , 46, 13531-13543	4.3	33
133	Synthesis, crystal structure and electronic property of a tetraoxolene bridged dinuclear cobalt(II) complex with bipyridyl blocking ligand. <i>Polyhedron</i> , 2017 , 138, 31-36	2.7	6
132	Synthesis, solvatochromism and crystal structure of trans-[Cu(Et2NCH2CH2NH2)2.H2O](NO3)2 complex: Experimental with DFT combination. <i>Journal of Molecular Structure</i> , 2017 , 1148, 328-338	3.4	17
131	Influence of the first and second coordination spheres on the diverse phenoxazinone synthase activity of cobalt complexes derived from a tetradentate Schiff base ligand. <i>New Journal of Chemistry</i> , 2017 , 41, 9784-9795	3.6	28
130	Redox Noninnocent Azo-Aromatic Pincers and Their Iron Complexes. Isolation, Characterization, and Catalytic Alcohol Oxidation. <i>Inorganic Chemistry</i> , 2017 , 56, 14084-14100	5.1	42
129	A novel near monochromatic red emissive europium(III) metal-organic framework based on 1,2,4,5-benzenetetracarboxylate: From synthesis to photoluminescence studies. <i>Journal of Solid State Chemistry</i> , 2017 , 253, 176-183	3.3	17

128	Diethylenetriamine/diamines/copper (II) complexes [Cu(dien)(NN)]Br ₂ : Synthesis, solvatochromism, thermal, electrochemistry, single crystal, Hirshfeld surface analysis and antibacterial activity. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 845-854	5.9	35
127	Tuning of azine derivatives for selective recognition of Ag with the in vitro tracking of endophytic bacteria in rice root tissue. <i>Dalton Transactions</i> , 2016 , 45, 19491-19499	4.3	11
126	A robust fluorescent chemosensor for aluminium ion detection based on a Schiff base ligand with an azo arm and application in a molecular logic gate. <i>RSC Advances</i> , 2016 , 6, 101924-101936	3.7	27
125	Molecular diversity in several pyridyl based Cu(II) complexes: biophysical interaction and redox triggered fluorescence switch. <i>New Journal of Chemistry</i> , 2016 , 40, 10378-10388	3.6	4
124	Deprotonation Induced Ligand Oxidation in a Ni(II) Complex of a Redox Noninnocent N(1)-(2-Aminophenyl)benzene-1,2-diamine and Its Use in Catalytic Alcohol Oxidation. <i>Inorganic Chemistry</i> , 2016 , 55, 6114-23	5.1	40
123	Synthesis, characterization, structure and catalytic activity of (NNN) tridentate azo-imine nickel(II), palladium(II) and platinum(II) complexes. <i>Polyhedron</i> , 2016 , 106, 171-177	2.7	17
122	Carboxylate-based molecular magnet: One path toward achieving stable quantum correlations at room temperature. <i>Europhysics Letters</i> , 2016 , 113, 40004	1.6	8
121	Valence tautomerism induced nucleophilic ipso substitution in a coordinated tetrabromocatecholate ligand and diverse catalytic activity mimicking the function of phenoxazinone synthase. <i>Journal of Molecular Catalysis A</i> , 2016 , 412, 56-66		21
120	Anion-dependent structural diversity of cadmium(II) complexes: synthesis, crystal structures, luminescence properties, and unusual C-H/π supramolecular interactions involving aromatic M ₂ X ₂ cores. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 1188-1205	1.6	6
119	Tuning the geometry and biomimetic catalytic activity of manganese(III)-tetrabromocatecholate based robust platforms by introducing substitution at pyridine. <i>Journal of Inorganic Biochemistry</i> , 2016 , 159, 96-106	4.2	23
118	Design, synthesis and properties of orthopalladated complexes: Proheterogeneous catalyst. <i>Polyhedron</i> , 2016 , 110, 165-171	2.7	10
117	Synthesis, structural characterization, cytotoxic properties and DNA binding of a dinuclear copper(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2016 , 161, 9-17	4.2	30
116	Facile synthesis, structural evaluation, antimicrobial activity and synergistic effects of novel imidazo[1,2-a]pyridine based organoselenium compounds. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 916-924	6.8	58
115	Rhodamine derived colorimetric and fluorescence mercury(II) chemodosimeter for human breast cancer cell (MCF7) imaging. <i>RSC Advances</i> , 2015 , 5, 21797-21802	3.7	6
114	Synthesis and characterization of palladium (II) complex of Schiff base ligand: CS bond cleavage and catalytic activity. <i>Inorganic Chemistry Communication</i> , 2015 , 53, 68-71	3.1	9
113	Catalytic isomerisation of Epine oxide in the presence of ETS-10 supported ferrocenium ions. <i>Journal of Organometallic Chemistry</i> , 2015 , 791, 66-71	2.3	6
112	Synthesis and properties of new materials with cobalt(II), iron(III) and manganese(III)-substituted Keggin polyoxotungstates and 1-alkyl-3-methylimidazolium cations. <i>Polyhedron</i> , 2015 , 101, 109-117	2.7	6
111	Heptacopper(II) and dicopper(II)-adenine complexes: synthesis, structural characterization, and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 2770-2787	1.6	13

110	Single crystal to single crystal (SC-to-SC) transformation from a nonporous to porous metal-organic framework and its application potential in gas adsorption and Suzuki coupling reaction through postmodification. <i>Chemistry - A European Journal</i> , 2015 , 21, 5962-71	4.8	22
109	A family of ligand and anion dependent structurally diverse Cu(II) Schiff-base complexes and their catalytic efficacy in an O-arylation reaction in ethanolic media. <i>RSC Advances</i> , 2015 , 5, 82179-82191	3.7	20
108	A mechanistic study of the synthesis, single crystal X-ray data and anticarcinogenic potential of bis(2-pyridyl)selenides and -diselenides. <i>RSC Advances</i> , 2015 , 5, 78669-78676	3.7	13
107	Ruthenium and palladium complexes incorporating amino-azo-phenol ligands: Synthesis, characterization, structure and reactivity. <i>Inorganica Chimica Acta</i> , 2015 , 429, 122-131	2.7	17
106	pH-Tuned Modulation of 1D Chain to 3D Metal-Organic Framework: Synthesis, Structure and Their Useful Application in the Heterogeneous Claisen-Schmidt Reaction. <i>ChemPlusChem</i> , 2015 , 80, 591-598	2.8	12
105	Solution and solid state properties of Fe(III) complexes bearing N-ethyl-N-(2-aminoethyl)salicylaldehyde ligands. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 48-54	2.3	15
104	Synthesis, characterizations and structure of orthometallated Pt(II) and Pt(IV) complexes: Oxidative addition to C,N,N,O coordinated Pt(II) complexes. <i>Polyhedron</i> , 2014 , 70, 1-5	2.7	10
103	Synthesis, characterization, structure and properties of copper and palladium complexes incorporating azo-amide ligands. <i>Polyhedron</i> , 2014 , 79, 43-51	2.7	18
102	Generating Ionic Liquids from Ionic Solids: An Investigation of the Melting Behavior of Binary Mixtures of Ionic Liquids. <i>Crystal Growth and Design</i> , 2014 , 14, 4270-4277	3.5	34
101	Cs ₂ NaAl _{1-x} Cr _x F ₆ : A family of compounds presenting magnetocaloric effect. <i>Physical Review B</i> , 2014 , 90,	3.3	4
100	Synthesis and characterization of pyrimidyl- and pyrazinylselenium compounds: X-ray structure of 2,5-bis(methylselenenyl)pyrazine. <i>Inorganica Chimica Acta</i> , 2014 , 421, 359-363	2.7	1
99	New manganese (II) structures derived from 2,6-dichlorobenzoic acid: Syntheses, crystal structures and magnetism. <i>Materials Chemistry and Physics</i> , 2014 , 147, 611-616	4.4	5
98	Synthesis, characterization and magnetic properties of a manganese (II) silicate containing frustrated S=5/2 zigzag ladders. <i>Journal of Solid State Chemistry</i> , 2014 , 211, 130-135	3.3	
97	Synthesis, crystal structure, spectral properties and catalytic activity of binuclear copper(II), mononuclear nickel(II) and cobalt(III) complexes containing Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2014 , 418, 171-179	2.7	26
96	A new metal organic framework constructed of Co(II) ions six and seven-coordinated: Synthesis, structure and magnetism. <i>Polyhedron</i> , 2014 , 81, 210-215	2.7	10
95	Lithiation of N,N,N',N'-tetraisopropylpyridine-2,6-dicarboxamide: synthesis, characterization and single crystal X-ray studies of chalcogen (Se/Te) derivatives of N,N,N',N'-tetraisopropylpyridine-2,6-dicarboxamide. <i>Tetrahedron</i> , 2014 , 70, 4876-4883	2.4	4
94	Synthesis and antibacterial activity of pyridylselenium compounds: Self-assembly of bis(3-bromo-2-pyridyl)diselenide via intermolecular secondary and π -stacking interactions. <i>Journal of Organometallic Chemistry</i> , 2014 , 766, 57-66	2.3	17
93	Auxiliary ligand-assisted structural diversities of two coordination polymers with 2-hydroxyquinoline-4-carboxylic acid. <i>Inorganic Chemistry Communication</i> , 2014 , 40, 92-96	3.1	8

92	Cobalt-Based 3D Metal-Organic Frameworks: Useful Candidates for Olefin Epoxidation at Ambient Temperature by H ₂ O ₂ . <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5103-5109	2-3	14
91	Layered transition metal carboxylates: synthesis, structural aspects and observation of multi-step magnetic transition through phase diagram. <i>Dalton Transactions</i> , 2013 , 42, 14836-43	4-3	7
90	Synthesis, Structural Aspects and Catalytic Performance of a Tetrahedral Cobalt Phosphonate Framework. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, n/a-n/a	2-3	16
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