

Paola Brandao

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ext. papers

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L-index

#	Paper	IF	Citations
217	Synthesis and Structural Characterization of Microporous Umbite, Penkvilksite, and Other Titanosilicates. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 7114-7120	3.4	104
216	Isomerization of d-glucose to d-fructose over metallosilicate solid bases. <i>Applied Catalysis A: General</i> , 2008 , 339, 21-27	5.1	88
215	Liquid-phase Dehydration of d-xylose over Microporous and Mesoporous Niobium Silicates. <i>Catalysis Letters</i> , 2006 , 108, 179-186	2.8	80
214	Polyaza cryptand receptor selective for dihydrogen phosphate. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8638-46	4.2	75
213	The First Large-Pore Vanadosilicate Framework Containing Hexacoordinated Vanadium. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 100-102		61
212	Selective recognition of tetrahedral dianions by a hexaaza cryptand receptor. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4661-73	3.9	58
211	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
210	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. <i>Journal of Catalysis</i> , 2008 , 256, 301-311	7.3	45
209	Gas-Phase Oxidative Dehydrogenation of Cyclohexanol over ETS-10 and Related Materials. <i>Journal of Catalysis</i> , 2001 , 200, 99-105	7.3	44
208	Cadmium Eurandicarboxylate Coordination Polymers Prepared with Different Types of Pyridyl Linkers: Synthesis, Divergent Dimensionalities, and Luminescence Study. <i>Crystal Growth and Design</i> , 2013 , 13, 5272-5281	3.5	43
207	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
206	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
205	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
204	A trinuclear copper(II) cryptate and its β -CO ₃ cascade complex: thermodynamics, structural and magnetic properties. <i>Chemistry - A European Journal</i> , 2011 , 17, 11193-203	4.8	40
203	Recognition of oxalate by a copper(II) polyaza macrobicyclic complex. <i>Chemistry - A European Journal</i> , 2011 , 17, 7020-31	4.8	37
202	Entanglement and Bell's inequality violation above room temperature in metal carboxylates. <i>Physical Review B</i> , 2009 , 79,	3.3	36
201	Synthesis and Structural Studies of Microporous Titanium-Niobium-Silicates with the Structure of Nenadkevichite. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 14978-14983		36

200	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
199	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
198	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
197	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
196	Synthesis and Structural Characterization of Microporous Yttrium and Calcium Silicates. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 4739-4744	3.4	34
195	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
194	Dicarboxylate recognition by two macrobicyclic receptors: selectivity for fumarate over maleate. <i>Journal of Organic Chemistry</i> , 2012 , 77, 4611-21	4.2	31
193	Mo(II) complexes: a new family of cytotoxic agents?. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 1171-74.2	4.2	30
192	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
191	Chemical Transformations of Mono- and Bis(buta-1,3-dien-1-yl)porphyrins: A New Synthetic Approach to Mono- and Dibenzo porphyrins. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 704-712 ^{3.2}	3.2	29
190	Vitamin B metal-organic frameworks as potential delivery vehicles for therapeutic nitric oxide. <i>Acta Biomaterialia</i> , 2017 , 51, 66-74	10.8	28
189	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
188	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
187	Synthesis and characterisation of chromium-substituted ETS-10. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 1773-1777	3.6	28
186	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
185	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , 2012 , 31, 4495-4503	3.8	27
184	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
183	Synthesis and characterisation of microporous titanoniobosilicate ETNbS-10. <i>Chemical Communications</i> , 1999 , 471-472	5.8	26

182	Synthesis and Characterization of Two Novel Large-Pore Crystalline Vanadosilicates. <i>Chemistry of Materials</i> , 2002 , 14, 1053-1057	9.6	25
181	Syntheses, crystal structures, DNA binding, DNA cleavage, molecular docking and DFT study of Cu(II) complexes involving N2O4 donor azo Schiff base ligands. <i>New Journal of Chemistry</i> , 2018 , 42, 246-259	3.6	25
180	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
179	Magnetic properties of compounds. <i>Journal of Solid State Chemistry</i> , 2009 , 182, 253-258	3.3	24
178	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. <i>Tetrahedron</i> , 2010 , 66, 8544-8550	2.4	23
177	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
176	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
175	Synthesis and characterisation of a novel microporous niobium silicate catalyst. <i>Chemical Communications</i> , 1998 , 2687-2688	5.8	22
174	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
173	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
172	Entanglement temperature in molecular magnets composed of S-spin dimers. <i>Europhysics Letters</i> , 2009 , 87, 40008	1.6	21
171	Synthesis and catalytic properties of manganese(II) and oxovanadium(IV) complexes anchored to mesoporous MCM-41. <i>Microporous and Mesoporous Materials</i> , 2008 , 112, 14-25	5.3	21
170	A novel microporous copper silicate: Na ₂ Cu ₂ Si ₄ O ₁₁ .2H ₂ O. <i>Chemical Communications</i> , 2005 , 171-3	5.8	21
169	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
168	Second sphere coordination in anion binding: Synthesis, Characterization and X-ray structure of tris(1,10-phenanthroline)cobalt(III) periodate dihydrate, [Co(phen) ₃](IO ₄) ₃ ·2H ₂ O. <i>Journal of Molecular Structure</i> , 2008 , 888, 291-299	3.4	19
167	Dehydration of Alcohols by Microporous Niobium Silicate AM-11. <i>Catalysis Letters</i> , 2002 , 80, 99-102	2.8	19
166	Novel microporous titanium/niobium silicates with the structure of nenadkevichite. <i>Chemical Communications</i> , 1996 , 669-670	5.8	19
165	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

164	Synthesis, characterization, structure and properties of copper and palladium complexes incorporating azo-amide ligands. <i>Polyhedron</i> , 2014 , 79, 43-51	2.7	18
163	Cyclam derivatives containing three acetate pendant arms: synthesis, acid-base, metal complexation and structural studies. <i>Dalton Transactions</i> , 2008 , 6593-608	4.3	18
162	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
161	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
160	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
159	Synthesis, characterization and observation of structural diversities in a series of transition metal based furan dicarboxylic acid systems. <i>CrystEngComm</i> , 2013 , 15, 2113	3.3	17
158	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
157	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
156	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
155	Organic-inorganic hybrid materials based on iron(III)-polyoxotungstates and 1-butyl-3-methylimidazolium cations. <i>Dalton Transactions</i> , 2012 , 41, 12145-55	4.3	17
154	Hydrothermal Synthesis and Characterisation of Two Novel Large-Pore Framework Vanadium Silicates. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 1175-1180	2.3	17
153	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
152	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
151	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
150	Second sphere coordination in anion binding: Synthesis, characterization of [Co(phen)2CO3]X \cdot nH2O where X=o-nitrophenolate(onp), p-nitrophenolate(pnp), 2,4-dinitrophenolate(dnp), 2,4,6-trinitrophenolate(tnp) and single crystal X-ray structures of [Co(phen)2CO3](onp) \cdot 2H2O and [Co(phen)2CO3](dnp) \cdot 4.5H2O. <i>Journal of Molecular Structure</i> , 2008 , 892, 452-460	3.4	16
149	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
148	Synthesis, characterization and X-ray structure of 3,4-lutidinyl-, 3-/4-picolyl- and pyridylselenium compounds. <i>Inorganica Chimica Acta</i> , 2012 , 392, 335-344	2.7	15
147	Crystallization of new samarium polyborates. <i>Inorganic Chemistry</i> , 2012 , 51, 3088-93	5.1	15

- 146 Synthesis, crystal structure, spectral properties and catalytic activity of a binuclear copper(II) complex containing a Schiff base ligand. *Polyhedron*, **2013**, 59, 23-28 2.7 15
- 145 Second sphere coordination in binding of fluoroanions: Synthesis, spectroscopic characterization and single crystal X-ray structure determination of [Co(phen)₃](BF₄)₃·H₂O and [Co(phen)₃](PF₆)₃·CH₃COCH₃. *Journal of Molecular Structure*, **2009**, 920, 119-127 3.4 15
- 144 Solid-Solute Phase Equilibria in Aqueous Solution. XI. Aqueous Solubility and Standard Gibbs Energy of Cadmium Carbonate. *Journal of Solution Chemistry*, **1999**, 28, 711-720 1.8 15
- 143 Ultrasonic synthesis of Oct. trans-BrCu(N ? N) Jahn-Teller distortion complex: XRD-properties, solvatochromism, thermal, kinetic and DNA-binding evaluations. *Ultrasonics Sonochemistry*, **2019**, 52, 428-436 8.9 14
- 142 Efficient Visible-Light-Excitable Eu³⁺ Complexes for Red Organic Light-Emitting Diodes. *European Journal of Inorganic Chemistry*, **2020**, 2020, 1260-1270 2.3 14
- 141 Anion-reliant structural versatility of novel cadmium(II) complexes: Synthesis, crystal structures, photoluminescence properties and exploration of unusual O···S chalcogen bonding involving thiocyanate coligand. *Inorganica Chimica Acta*, **2018**, 469, 189-196 2.7 14
- 140 Cobalt-Based 3D Metal-Organic Frameworks: Useful Candidates for Olefin Epoxidation at Ambient Temperature by H₂O₂. *European Journal of Inorganic Chemistry*, **2013**, 2013, 5103-5109 2.3 14
- 139 Cationic cobalt(III) complex as anion receptor for biologically important anion: Synthesis, characterization and X-ray structure of [Co(phen)₃](C₇H₄NSO₃)₃·8.5H₂O where C₇H₄NSO₃=saccharinate ion. *Journal of Molecular Structure*, **2008**, 891, 396-403 3.4 14
- 138 Heptacopper(II) and dicopper(II)-adenine complexes: synthesis, structural characterization, and magnetic properties. *Journal of Coordination Chemistry*, **2015**, 68, 2770-2787 1.6 13
- 137 A mechanistic study of the synthesis, single crystal X-ray data and anticarcinogenic potential of bis(2-pyridyl)selenides and -diselenides. *RSC Advances*, **2015**, 5, 78669-78676 3.7 13
- 136 Cyclen derivatives with two trans-methylnitrophenolic pendant arms: a structural study of their copper(II) and zinc(II) complexes. *Dalton Transactions*, **2013**, 42, 6149-60 4.3 13
- 135 A study on the BF₃ directed lithiation of 3-chloro- and 3-bromopyridine. *Tetrahedron*, **2013**, 69, 10284-10291 2.1 13
- 134 Evidence for entanglement at high temperatures in an engineered molecular magnet. *Europhysics Letters*, **2012**, 100, 50001 1.6 13
- 133 Cationic metal complex, carbonatobis(1,10-phenanthroline)cobalt(III) as anion receptor: Synthesis, characterization, single crystal X-ray structure and packing analysis of [Co(phen)₂CO₃](3,5-dinitrobenzoate)₂·H₂O. *Journal of Molecular Structure*, **2009**, 921, 227-232 3.4 13
- 132 Synthesis and structural characterization of Keggin polyoxometalate compounds with argininium(2+) cations. *Journal of Molecular Structure*, **2010**, 963, 267-273 3.4 13
- 131 Homometallic ferrimagnetism in the zig-zag chain compound Na₂Cu₅Si₄O₁₄. *Physical Review B*, **2006**, 73, 3.3 13
- 130 Synthesis and characterisation of hybrid mesoporous materials with the 1,4-diazobutadiene ligand. *Microporous and Mesoporous Materials*, **2006**, 95, 104-111 5.3 13
- 129 Singlet ground state determined by isolated Cu²⁺ chain topology in microporous Na₂Cu₂Si₄O₁₁·H₂O and Na₂Cu₂Si₄O₁₁. *Physical Review B*, **2005**, 72, 3.3 13

128	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
127	Crystallization of five new supramolecular networks with both bipyridyl and dicyanamide ligands. <i>Polyhedron</i> , 2013 , 53, 249-257	2.7	12
126	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
125	Synthesis, crystal structures, spectral studies and reactivity of square planar copper(II) complexes containing Schiff base ligand. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 568-579	1.6	12
124	Solubility and solid phase studies of isomeric phenolic acids in pure solvents. <i>Journal of Molecular Liquids</i> , 2018 , 272, 1048-1057	6	12
123	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
122	Nanostructured Dioxomolybdenum(VI) Catalyst for the Liquid-Phase Epoxidation of Olefins. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 1405-1412	2.3	11
121	Immobilisation of η^3 -Allyldicarbonyl Complexes of Mo(II) with Bidentate Nitrogen Ligands within Aluminium-Pillared Clays. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1147-1156	2.3	11
120	Hydrophobic Porous Benzene-Silica Hybrid Clay Heterostructure and Its Application in the Adsorption of Volatile Organic Compounds. <i>Materials Science Forum</i> , 2006 , 514-516, 470-474	0.4	11
119	Hybrid mesoporous MCM-41 type material containing 1,4-diazobutadiene chelate ligand in the walls. <i>Progress in Solid State Chemistry</i> , 2005 , 33, 163-170	8	11
118	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
117	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
116	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
115	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
114	Nuclearity versus oxidation state in the catalytic efficiency of Mn(II)/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
113	A polyoxapolyaza macrobicyclic receptor for the recognition of zwitterions. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 5529-32	3.9	10
112	Synthesis, characterization and catalytic activity of vanadium-containing ETS-10. <i>Studies in Surface Science and Catalysis</i> , 2002 , 142, 327-334	1.8	10
111	Design, synthesis and properties of orthopalladated complexes: Proheterogeneous catalyst. <i>Polyhedron</i> , 2016 , 110, 165-171	2.7	10

110	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
109	Chain of water hexamers and tetramers hosted in a redox product of a Co(III) metal complex: Syntheses, characterization and single crystal X-ray structure determination of Co(II/III) complexes with sulfur oxo-anions. <i>Polyhedron</i> , 2012 , 40, 175-184	2.7	9
108	Syntheses, characterization, thermal properties and single crystal structure determination of cobalt(III) complexes with 2,2'-biimidazole and 1,10-phenanthroline ligands. <i>Polyhedron</i> , 2011 , 30, 2759-2767	2.7	9
107	Synthesis and characterisation of microporous titano-borosilicate ETBS-10. <i>Chemical Communications</i> , 1998 , 667-668	5.8	9
106	Synthesis, crystal structure and magnetic characterization of Na ₂ Cu ₅ (Si ₂ O ₇) ₂ : An inorganic ferrimagnetic chain. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 16-21	3.3	9
105	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
104	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
103	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
102	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
101	Carboxylate-based molecular magnet: One path toward achieving stable quantum correlations at room temperature. <i>Europhysics Letters</i> , 2016 , 113, 40004	1.6	8
100	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
99	Synthesis, structures and magnetic properties of three metal-organic frameworks containing manganese(II). <i>Transition Metal Chemistry</i> , 2010 , 35, 779-786	2.1	8
98	Properties of a new 4-imidazolyl derivative of a 14-membered tetraazamacrocyclic chelating agent. <i>Dalton Transactions</i> , 2007 , 4536-45	4.3	8
97	First stoichiometric large-pore chromium(III) silicate catalyst. <i>Microporous and Mesoporous Materials</i> , 2004 , 69, 209-215	5.3	8
96	Catalytic studies of the novel microporous niobium silicate AM-11. <i>Applied Catalysis A: General</i> , 2001 , 207, 229-238	5.1	8
95	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
94	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
93	Multifunctional Ni(II)-Based Metamagnetic Coordination Polymers for Electronic Device Fabrication. <i>Inorganic Chemistry</i> , 2020 , 59, 8749-8761	5.1	7

92	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
91	Control formation of rigid linear and flexible zig-zig complexes based on Zn(II) and hydroxyquinoline carboxylate ligand system. <i>Inorganic Chemistry Communication</i> , 2013 , 30, 111-114	3.1	7
90	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
89	Novel alkaline earth copper germanates with ferro and antiferromagnetic S=1/2 chains. <i>Journal of Solid State Chemistry</i> , 2013 , 198, 39-44	3.3	7
88	Second sphere coordination in anion binding: Synthesis, characterization and single crystal X-ray structure determination of tris(1,10-phenanthroline)cobalt(III) chloride dimesitylenesulphonate undecahydrate, [Co(phen) ₃]Cl[(CH ₃) ₃ C ₆ H ₂ SO ₃] ₂ ·11H ₂ O. <i>Journal of Molecular Structure</i> , 2009 , 918, 1-9	3.4	7
87	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
86	2D Layered Dipeptide Crystals for Piezoelectric Applications. <i>Advanced Functional Materials</i> , 2021 , 31, 2102524	15.6	7
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84	Catalytic isomerisation of α -pinene oxide in the presence of ETS-10 supported ferrocenium ions. <i>Journal of Organometallic Chemistry</i> , 2015 , 791, 66-71	2.3	6
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2 Synthesis of uranium complexes incorporating extended azo-imine ligands: Molecular and electronic structure. *Journal of the Indian Chemical Society*, **2021**, 98, 100049

1 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. *Crystal Growth and Design*, **2022**, 22, 993-1004 3.5