Paola Brandao

List of Publications by Year
in descending order

228 papers	3,941 citations	147726 31 h-index	223716 46 g-index
236 all docs	236 docs citations	236 times ranked	4566 citing authors

#	Article	IF	Citations
1	Synthesis and Structural Characterization of Microporous Umbite, Penkvilksite, and Other Titanosilicates. Journal of Physical Chemistry B, 1997, 101, 7114-7120.	1.2	134
2	Isomerization of d-glucose to d-fructose over metallosilicate solid bases. Applied Catalysis A: General, 2008, 339, 21-27.	2.2	99
3	Liquid-phase Dehydration of d-xylose over Microporous and Mesoporous Niobium Silicates. Catalysis Letters, 2006, 108, 179-186.	1.4	85
4	Polyaza Cryptand Receptor Selective for Dihydrogen Phosphate. Journal of Organic Chemistry, 2009, 74, 8638-8646.	1.7	81
5	Facile synthesis, structural evaluation, antimicrobial activity and synergistic effects of novel imidazo[1,2- a]pyridine based organoselenium compounds. European Journal of Medicinal Chemistry, 2016, 123, 916-924.	2.6	81
6	Metalâ€“Ligand Cooperative Approach To Achieve Dehydrogenative Functionalization of Alcohols to Quinolines and Quinazolin-4(3H)-ones under Mild Aerobic Conditions. Journal of Organic Chemistry, 2019, 84, 10160-10171.	1.7	77
7	Redox Noninnocent Azo-Aromatic Pincers and Their Iron Complexes. Isolation, Characterization, and Catalytic Alcohol Oxidation. Inorganic Chemistry, 2017, 56, 14084-14100.	1.9	73
8	The First Large-Pore Vanadosilicate Framework Containing Hexacoordinated Vanadium. Angewandte Chemie International Edition in English, 1997, 36, 100-102.	4.4	70
9	Selective recognition of tetrahedral dianions by a hexaaza cryptand receptor. Organic and Biomolecular Chemistry, 2009, 7, 4661.	1.5	62
10	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. Polyhedron, 2018, 141, 153-163.	1.0	55
11	Cd(II) Based Coordination Polymer Series: Fascinating Structures, Efficient Semiconductors, and Promising Nitro Aromatic Sensing. Crystal Growth and Design, 2019, 19, 6431-6447.	1.4	53
12	Gas-Phase Oxidative Dehydrogenation of Cyclohexanol over ETS-10 and Related Materials. Journal of Catalysis, 2001, 200, 99-105.	3.1	49
13	The development of a promising photosensitive Schottky barrier diode using a novel Cd(<scp>ii</scp>) based coordination polymer. Dalton Transactions, 2017, 46, 13531-13543.	1.6	49
14	Cadmiumâ€“Furandicarboxylate Coordination Polymers Prepared with Different Types of Pyridyl Linkers: Synthesis, Divergent Dimensionalities, and Luminescence Study. Crystal Growth and Design, 2013, 13, 5272-5281.	1.4	48
15	Deprotonation Induced Ligand Oxidation in a Ni^{II} Complex of a Redox Noninnocent N¹-(2-Aminophenyl)benzene-1,2-diamine and Its Use in Catalytic Alcohol Oxidation. Inorganic Chemistry, 2016, 55, 6114-6123.	1.9	47
16	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. Journal of Catalysis, 2008, 256, 301-311.	3.1	46
17	Vitamin B3 metal-organic frameworks as potential delivery vehicles for therapeutic nitric oxide. Acta Biomaterialia, 2017, 51, 66-74.	4.1	46
18	Synthesis and Structural Studies of Microporous Titaniumâ€'Niobiumâ€'Silicates with the Structure of Nenadkevichite. The Journal of Physical Chemistry, 1996, 100, 14978-14983.	2.9	44

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19	A Trinuclear Copper(II) Cryptate and Its Î¼₃â€CO₃ Cascade Complex: Thermodynamics, Structural and Magnetic Properties. Chemistry - A European Journal, 2011, 17, 11193-11203.	1.7	44
20	Diethylenetriamine/diamines/copper (II) complexes [Cu(dien)(NN)]Br 2 : Synthesis, solvatochromism, thermal, electrochemistry, single crystal, Hirshfeld surface analysis and antibacterial activity. Arabian Journal of Chemistry, 2017, 10, 845-854.	2.3	43
21	Entanglement and Bellâ€™s inequality violation above room temperature in metal carboxylates. Physical Review B, 2009, 79, .	1.1	41
22	Synthesis and Structural Characterization of Microporous Yttrium and Calcium Silicates. Journal of Physical Chemistry B, 1998, 102, 4739-4744.	1.2	40
23	Recognition of Oxalate by a Copper(II) Polyaza Macrobicyclic Complex. Chemistry - A European Journal, 2011, 17, 7020-7031.	1.7	38
24	Generating Ionic Liquids from Ionic Solids: An Investigation of the Melting Behavior of Binary Mixtures of Ionic Liquids. Crystal Growth and Design, 2014, 14, 4270-4277.	1.4	38
25	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. RSC Advances, 2016, 6, 101924-101936.	1.7	36
26	Chemical Transformations of Monoâ€•and Bis(butaâ€‑1,3â€‑dienâ€‑1â€‑yl)porphyrins: A New Synthetic Approach to Monoâ€•and Dibenzoporphyrins. European Journal of Organic Chemistry, 2008, 2008, 704-712.	1.2	35
27	Mo(II) complexes: A new family of cytotoxic agents?. Journal of Inorganic Biochemistry, 2010, 104, 1171-1177.	1.5	34
28	The structure and magnetism of mono- and di-nuclear Ni(<scp>ii</scp>) complexes derived from {N₃O}-donor Schiff base ligands. New Journal of Chemistry, 2017, 41, 3143-3153.	1.4	34
29	Syntheses, crystal structures, DNA binding, DNA cleavage, molecular docking and DFT study of Cu(<scp>ii</scp>) complexes involving N₂O₄donor azo Schiff base ligands. New Journal of Chemistry, 2018, 42, 246-259.	1.4	33
30	An aminoquinoline based biocompatible fluorescent and colourimetric pH sensor designed for cancer cell discrimination. New Journal of Chemistry, 2018, 42, 19818-19826.	1.4	33
31	Dicarboxylate Recognition by Two Macrobicyclic Receptors: Selectivity for Fumarate over Maleate. Journal of Organic Chemistry, 2012, 77, 4611-4621.	1.7	32
32	Synthesis, structural characterization, cytotoxic properties and DNA binding of a dinuclear copper(II) complex. Journal of Inorganic Biochemistry, 2016, 161, 9-17.	1.5	32
33	Synthesis of a new pyridinyl thiazole ligand with hydrazone moiety and its cobalt(III) complex: X-ray crystallography, in vitro evaluation of antibacterial activity. Polyhedron, 2017, 134, 230-237.	1.0	32
34	Synthesis, crystal structure, spectral properties and catalytic activity of binuclear copper(II), mononuclear nickel(II) and cobalt(III) complexes containing Schiff base ligand. Inorganica Chimica Acta, 2014, 418, 171-179.	1.2	31
35	Synthesis and characterisation of chromium-substituted ETS-10. Physical Chemistry Chemical Physics, 2001, 3, 1773-1777.	1.3	30
36	Magnetic properties of compounds. Journal of Solid State Chemistry, 2009, 182, 253-258.	1.4	30

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37	Influence of the first and second coordination spheres on the diverse phenoxazinone synthase activity of cobalt complexes derived from a tetradentate Schiff base ligand. New Journal of Chemistry, 2017, 41, 9784-9795.	1.4	30
38	Synthesis and characterisation of a novel microporous niobium silicate catalyst. Chemical Communications, 1998, , 2687-2688.	2.2	28
39	Synthesis and characterisation of microporous titanoniobosilicate ETNbS-10. Chemical Communications, 1999, , 471-472.	2.2	28
40	Synthesis and Characterization of Two Novel Large-Pore Crystalline Vanadosilicates. Chemistry of Materials, 2002, 14, 1053-1057.	3.2	28
41	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. Organometallics, 2012, 31, 4495-4503.	1.1	28
42	Redox-Induced Interconversion and Ligand-Centered Hemilability in Ni^{II} Complexes of Redox-Noninnocent Azo-Aromatic Pincers. Inorganic Chemistry, 2018, 57, 5830-5841.	1.9	28
43	Novel microporous titaniumâ€“niobiumâ€“silicates with the structure of nenadkevichite. Chemical Communications, 1996, , 669-670.	2.2	27
44	Single Crystal to Single Crystal (SCâ€toâ€SC) Transformation from a Nonporous to Porous Metalâ€“Organic Framework and Its Application Potential in Gas Adsorption and Suzuki Coupling Reaction through Postmodification. Chemistry - A European Journal, 2015, 21, 5962-5971.	1.7	27
45	Entanglement temperature in molecular magnets composed of S-spin dimers. Europhysics Letters, 2009, 87, 40008.	0.7	26
46	Synthesis and antibacterial activity of pyridylselenium compounds: Self-assembly of bis(3-bromo-2-pyridyl)diselenide via intermolecular secondary and Ï€â‹¯Ï€ stacking interactions. Journal of Organometallic Chemistry, 2014, 766, 57-66.	0.8	26
47	Dehydration of Alcohols by Microporous Niobium Silicate AM-11. Catalysis Letters, 2002, 80, 99-102.	1.4	25
48	Tuning the geometry and biomimetic catalytic activity of manganese(III)-tetrabromocatecholate based robust platforms by introducing substitution at pyridine. Journal of Inorganic Biochemistry, 2016, 159, 96-106.	1.5	25
49	Efficient Visibleâ€Lightâ€Excitable Eu³⁺ Complexes for Red Organic Lightâ€Emitting Diodes. European Journal of Inorganic Chemistry, 2020, 2020, 1260-1270.	1.0	25
50	A novel microporous copper silicate: Na2Cu2Si4O11Â·2H2O. Chemical Communications, 2005, , 171-173.	2.2	24
51	Synthesis and catalytic properties of manganese(II) and oxovanadium(IV) complexes anchored to mesoporous MCM-41. Microporous and Mesoporous Materials, 2008, 112, 14-25.	2.2	24
52	Solvent and temperature effects on the solubility of syringic, vanillic or veratric acids: Experimental, modeling and solid phase studies. Journal of Molecular Liquids, 2019, 289, 111089.	2.3	24
53	Microwave-assisted synthesis of 3-hydroxy-4-pyridinone/naphthalene conjugates. Structural characterization and selection of a fluorescent ion sensor. Tetrahedron, 2010, 66, 8544-8550.	1.0	23
54	Valence tautomerism induced nucleophilic ipso substitution in a coordinated tetrabromocatecholate ligand and diverse catalytic activity mimicking the function of phenoxazinone synthase. Journal of Molecular Catalysis A, 2016, 412, 56-66.	4.8	23

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55	Anticancer activity, DNA binding and docking study of M(<scp>ii</scp>)-complexes (M = Zn, Cu and Ni) derived from a new pyrazineâ€“thiazole ligand: synthesis, structure and DFT. New Journal of Chemistry, 2021, 45, 11999-12015.	1.4	23
56	A family of ligand and anion dependent structurally diverse Cu(<scp>ii</scp>) Schiff-base complexes and their catalytic efficacy in an O-arylation reaction in ethanolic media. RSC Advances, 2015, 5, 82179-82191.	1.7	22
57	Synthesis, solvatochromism and crystal structure of trans -[Cu(Et 2 NCH 2 CH 2 NH 2) 2 .H 2 O](NO 3) 2 complex: Experimental withÂDFTÂcombination. Journal of Molecular Structure, 2017, 1148, 328-338.	1.8	22
58	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. Polyhedron, 2020, 188, 114708.	1.0	22
59	Organicâ€“inorganic hybrid materials based on iron(iii)-polyoxotungstates and 1-butyl-3-methylimidazolium cations. Dalton Transactions, 2012, 41, 12145.	1.6	21
60	2D Layered Dipeptide Crystals for Piezoelectric Applications. Advanced Functional Materials, 2021, 31, 2102524.	7.8	21
61	Second sphere coordination in anion binding: Synthesis, Characterization and X-ray structure of tris(1,10-phenanthroline)cobalt(III) periodate dihydrate, [Co(phen)3](IO4)3Â·2H2O. Journal of Molecular Structure, 2008, 888, 291-299.	1.8	20
62	Synthesis, characterization, structure and properties of copper and palladium complexes incorporating azo-amide ligands. Polyhedron, 2014, 79, 43-51.	1.0	20
63	Ruthenium and palladium complexes incorporating amino-azo-phenol ligands: Synthesis, characterization, structure and reactivity. Inorganica Chimica Acta, 2015, 429, 122-131.	1.2	20
64	Synthesis, characterization, structure and catalytic activity of (NNN) tridentate azo-imine nickel(II), palladium(II) and platinum(II) complexes. Polyhedron, 2016, 106, 171-177.	1.0	20
65	Influence of anions and solvents on distinct coordination chemistry of cobalt and effect of coordination spheres on the biomimetic oxidation of o-aminophenols. Molecular Catalysis, 2018, 449, 49-61.	1.0	20
66	Synthesis, characterization, spectral and catalytic activity of tetradentate (NNNO) azo-imine Schiff base copper(II) complexes. Inorganica Chimica Acta, 2018, 479, 221-228.	1.2	20
67	Anion-reliant structural versatility of novel cadmium(II) complexes: Synthesis, crystal structures, photoluminescence properties and exploration of unusual OÂ·Â·Â·S chalcogen bonding involving thiocyanate coligand. Inorganica Chimica Acta, 2018, 469, 189-196.	1.2	20
68	Ultrasonic synthesis of Oct. trans-Br2Cu(Nâ€ˆâˆ©â€¯N)2 Jahn-Teller distortion complex: XRD-properties, solvatochromism, thermal, kinetic and DNA-binding evaluations. Ultrasonics Sonochemistry, 2019, 52, 428-436.	3.8	20
69	Macrocycle supported dimetallic lanthanide complexes with slow magnetic relaxation in Dy₂analogues. Dalton Transactions, 2020, 49, 14169-14179.	1.6	20
70	Hydrothermal Synthesis and Characterisation of Two Novel Large-Pore Framework Vanadium Silicates. European Journal of Inorganic Chemistry, 2003, 2003, 1175-1180.	1.0	19
71	Evidence for entanglement at high temperatures in an engineered molecular magnet. Europhysics Letters, 2012, 100, 50001.	0.7	19
72	Synthesis, characterization and observation of structural diversities in a series of transition metal based furan dicarboxylic acid systems. CrystEngComm, 2013, 15, 2113.	1.3	19

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73	Solution and solid state properties of Fe(III) complexes bearing N-ethyl-N-(2-aminoethyl)salicylaldiminate ligands. Journal of Organometallic Chemistry, 2014, 760, 48-54.	0.8	19
74	A novel near monochromatic red emissive europium(III) metal-organic framework based on 1,2,4,5-benzenetetracarboxylate: From synthesis to photoluminescence studies. Journal of Solid State Chemistry, 2017, 253, 176-183.	1.4	19
75	Solubility and solid phase studies of isomeric phenolic acids in pure solvents. Journal of Molecular Liquids, 2018, 272, 1048-1057.	2.3	19
76	Synthesis, structure and diverse coordination chemistry of cobalt(III) complexes derived from a Schiff base ligand and their biomimetic catalytic oxidation of o-aminophenols. Polyhedron, 2019, 164, 23-34.	1.0	19
77	Cyclam derivatives containing three acetate pendant arms: synthesis, acidâ€“base, metal complexation and structural studies. Dalton Transactions, 2008, , 6593.	1.6	18
78	Iron-Catalyzed/Mediated Câ€“N Bond Formation: Competition between Substrate Amination and Ligand Amination. Inorganic Chemistry, 2019, 58, 1935-1948.	1.9	18
79	Title is missing!. Journal of Solution Chemistry, 1999, 28, 711-720.	0.6	17
80	Cobaltâ€Based 3D Metalâ€“Organic Frameworks: Useful Candidates for Olefin Epoxidation at Ambient Temperature by H₂O₂. European Journal of Inorganic Chemistry, 2013, 2013, 5103-5109.	1.0	17
81	Synthesis, Structural Aspects and Catalytic Performance of a Tetrahedral Cobalt Phosphonate Framework. European Journal of Inorganic Chemistry, 2013, 2013, 5020-5026.	1.0	17
82	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.	1.7	17
83	Biomimetic catalytic activity and structural diversity of cobalt complexes with N3O-donor Schiff base ligand. Inorganica Chimica Acta, 2019, 490, 163-172.	1.2	17
84	Second sphere coordination in anion binding: Synthesis, characterization of [Co(phen)2CO3]XÂ·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)Â·2H2O and [Co(phen)2CO3](dnp)Â·4.5H2O. Journal of Molecular Structure, 2008, 892, 452-460.	1.8	16
85	Second sphere coordination in binding of fluoroanions: Synthesis, spectroscopic characterization and single crystal X-ray structure determination of [Co(phen)3](BF4)3Â·H2O and [Co(phen)3](PF6)3Â·CH3COCH3. Journal of Molecular Structure, 2009, 920, 119-127.	1.8	16
86	Crystallization of New Samarium Polyborates. Inorganic Chemistry, 2012, 51, 3088-3093.	1.9	16
87	Homometallic ferrimagnetism in the zig-zag chain compoundNa2Cu5Si4O14. Physical Review B, 2006, 73, .	1.1	15
88	Synthesis and characterisation of hybrid mesoporous materials with the 1,4-diazobutadiene ligand. Microporous and Mesoporous Materials, 2006, 95, 104-111.	2.2	15
89	Synthesis, characterization and X-ray structure of 3,4-lutidinyl-, 3-/4-picolyl- and pyridylselenium compounds. Inorganica Chimica Acta, 2012, 392, 335-344.	1.2	15
90	Synthesis, crystal structure, spectral properties and catalytic activity of a binuclear copper(II) complex containing a Schiff base ligand. Polyhedron, 2013, 59, 23-28.	1.0	15

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91	Exploring Anticancer and (Bio)catalytic Activities of New Oxovanadium(V), Dioxomolybdenum(VI), and Copper(II) Complexes of Amideâ€“Imine Conjugates. ACS Applied Bio Materials, 2019, 2, 2802-2811.	2.3	15
92	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.	1.8	14
93	Synthesis and structural characterization of Keggin polyoxometalate compounds with argininium(2+) cations. Journal of Molecular Structure, 2010, 963, 267-273.	1.8	14
94	Cyclen derivatives with two trans-methylnitrophenolic pendant arms: a structural study of their copper(ii) and zinc(ii) complexes. Dalton Transactions, 2013, 42, 6149.	1.6	14
95	A study on the BF3 directed lithiation of 3-chloro- and 3-bromopyridine. Tetrahedron, 2013, 69, 10284-10291.	1.0	14
96	Heptacopper(II) and dicopper(II)-adenine complexes: synthesis, structural characterization, and magnetic properties. Journal of Coordination Chemistry, 2015, 68, 2770-2787.	0.8	14
97	Carboxylate-based molecular magnet: One path toward achieving stable quantum correlations at room temperature. Europhysics Letters, 2016, 113, 40004.	0.7	14
98	Catalytic properties of a cobalt metalâ€“organic framework with a zwitterionic ligand synthesized in situ. Dalton Transactions, 2017, 46, 15698-15703.	1.6	14
99	Solid-liquid phase equilibrium of trans-cinnamic acid, p-coumaric acid and ferulic acid in water and organic solvents: Experimental and modelling studies. Fluid Phase Equilibria, 2020, 521, 112747.	1.4	14
100	Synthesis and characterisation of microporous titano-borosilicate ETBS-10. Chemical Communications, 1998, , 667-668.	2.2	13
101	Singlet ground state determined by isolatedCu2+chain topology in microporousNa2Cu2Si4O11â˜™2H2OandNa2Cu2Si4O11. Physical Review B, 2005, 72, .	1.1	13
102	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)Â·5H2O. Journal of Molecular Structure, 2009, 921, 227-232.	1.8	13
103	Crystallization of five new supramolecular networks with both bipyridyl and dicyanamide ligands. Polyhedron, 2013, 53, 249-257.	1.0	13
104	Synthesis, crystal structures, spectral studies and reactivity of square planar copper(II) complexes containing Schiff base ligand. Journal of Coordination Chemistry, 2013, 66, 568-579.	0.8	13
105	pHâ€Tuned Modulation of 1D Chain to 3D Metalâ€“Organic Framework: Synthesis, Structure and Their Useful Application in the Heterogeneous Claisenâ€“Schmidt Reaction. ChemPlusChem, 2015, 80, 591-598.	1.3	13
106	Synthesis and characterization of palladium (II) complex of Schiff base ligand: CS bond cleavage and catalytic activity. Inorganic Chemistry Communication, 2015, 53, 68-71.	1.8	13
107	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. Polyhedron, 2019, 159, 436-445.	1.0	13
108	Separation of mandelic acid enantiomers using solid-liquid biphasic systems with chiral ionic liquids. Separation and Purification Technology, 2020, 252, 117468.	3.9	13

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109	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. Polyhedron, 2020, 182, 114503.	1.0	13
110	A new series of 3D lanthanide phenoxycarboxylates: synthesis, crystal structure, magnetism and photoluminescence studies. CrystEngComm, 2021, 23, 4143-4151.	1.3	13
111	Synthesis, characterization and catalytic activity of vanadium-containing ETS-10. Studies in Surface Science and Catalysis, 2002, 142, 327-334.	1.5	12
112	Hybrid mesoporous MCM-41 type material containing 1,4-diazobutadiene chelate ligand in the walls. Progress in Solid State Chemistry, 2005, 33, 163-170.	3.9	12
113	Synthesis, crystal structure and magnetic characterization of Na2Cu5(Si2O7)2: An inorganic ferrimagnetic chain. Journal of Solid State Chemistry, 2007, 180, 16-21.	1.4	12
114	Immobilisation of Î·³â€Allyldicarbonyl Complexes of Mo^{II} with Bidentate Nitrogen Ligands within Aluminiumâ€Pillared Clays. European Journal of Inorganic Chemistry, 2008, 2008, 1147-1156.	1.0	12
115	A new metal organic framework constructed of Co(II) ions six and seven-coordinated: Synthesis, structure and magnetism. Polyhedron, 2014, 81, 210-215.	1.0	12
116	A facile biomimetic catalytic activity through hydrogen atom abstraction by the secondary coordination sphere in manganese(<scp>iii</scp>) complexes. Dalton Transactions, 2020, 49, 14216-14230.	1.6	12
117	Multifunctional Ni(II)-Based Metamagnetic Coordination Polymers for Electronic Device Fabrication. Inorganic Chemistry, 2020, 59, 8749-8761.	1.9	12
118	Hydrophobic Porous Benzene-Silica Hybrid Clay Heterostructure and Its Application in the Adsorption of Volatile Organic Compounds. Materials Science Forum, 2006, 514-516, 470-474.	0.3	11
119	Nanostructured Dioxomolybdenum(VI) Catalyst for the Liquid-Phase Epoxidation of Olefins. European Journal of Inorganic Chemistry, 2010, 2010, 1405-1412.	1.0	11
120	Syntheses, characterization, thermal properties and single crystal structure determination of cobalt(III) complexes with 2,2â€²-biimidazole and 1,10-phenanthroline ligands. Polyhedron, 2011, 30, 2759-2767.	1.0	11
121	A polyoxapolyaza macrobicyclic receptor for the recognition of zwitterions. Organic and Biomolecular Chemistry, 2012, 10, 5529.	1.5	11
122	Synthesis, characterizations and structure of orthometallated Pt(II) and Pt(IV) complexes: Oxidative addition to C,N,N,O coordinated Pt(II) complexes. Polyhedron, 2014, 70, 1-5.	1.0	11
123	Auxiliary ligand-assisted structural diversities of two coordination polymers with 2-hydroxyquinoline-4-carboxylic acid. Inorganic Chemistry Communication, 2014, 40, 92-96.	1.8	11
124	Tuning of azine derivatives for selective recognition of Ag⁺ with the in vitro tracking of endophytic bacteria in rice root tissue. Dalton Transactions, 2016, 45, 19491-19499.	1.6	11
125	Catalytic studies of the novel microporous niobium silicate AM-11. Applied Catalysis A: General, 2001, 207, 229-238.	2.2	10
126	Properties of a new 4-imidazolyl derivative of a 14-membered tetraazamacrocyclic chelating agent. Dalton Transactions, 2007, , 4536.	1.6	10

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127	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. Polyhedron, 2012, 40, 175-184.	1.0	10
128	Design, synthesis and properties of orthopalladated complexes: Proheterogeneous catalyst. Polyhedron, 2016, 110, 165-171.	1.0	10
129	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. New Journal of Chemistry, 2017, 41, 11607-11618.	1.4	10
130	Synthesis, structures and magnetic properties of three metal-organic frameworks containing manganese(II). Transition Metal Chemistry, 2010, 35, 779-786.	0.7	9
131	Layered transition metal carboxylates: synthesis, structural aspects and observation of multi-step magnetic transition through phase diagram. Dalton Transactions, 2013, 42, 14836.	1.6	9
132	Control formation of rigid linear and flexible zig-zig complexes based on Zn(II) and hydroxyquinoline carboxylate ligand system. Inorganic Chemistry Communication, 2013, 30, 111-114.	1.8	9
133	Novel alkaline earth copper germanates with ferro and antiferromagnetic S=1/2 chains. Journal of Solid State Chemistry, 2013, 198, 39-44.	1.4	9
134	Synthesis and properties of new materials with cobalt(II), iron(III) and manganese(III)-substituted Keggin polyoxotungstates and 1-alkyl-3-methylimidazolium cations. Polyhedron, 2015, 101, 109-117.	1.0	9
135	Synthesis and characterization of a novel dicyanamide-bridged Co(II) 1-D coordination polymer with a N 4 -donor Schiff base ligand. Inorganica Chimica Acta, 2017, 464, 65-73.	1.2	9
136	Influence of ancillary ligands on preferential geometry and biomimetic catalytic activity in manganese(III)-catecholate systems: A combined experimental and theoretical study. Journal of Inorganic Biochemistry, 2017, 176, 77-89.	1.5	9
137	Synthesis, characterization, cytotoxicity effect and DNA cleavage study of symmetric dinuclear chloro and azido bridged copper(II) complexes of napthyl-pyrazole based ligand. Inorganica Chimica Acta, 2018, 482, 621-634.	1.2	9
138	Purification of mercury-contaminated water using new AM-11 and AM-14 microporous silicates. Separation and Purification Technology, 2020, 239, 116438.	3.9	9
139	Proton controlled synthesis of two dicopper(<scp>ii</scp>) complexes and their magnetic and biomimetic catalytic studies together with probing the binding mode of the substrate to the metal center. Dalton Transactions, 2021, 50, 15233-15247.	1.6	9
140	The first exploration of coordination chemistry using a methyl substituted o-vanillin based ligand: an example starting with Dy₄/Zn₂Dy₂ systems displaying slow relaxation of magnetization. New Journal of Chemistry, 2022, 46, 5627-5637.	1.4	9
141	Electrolyte Effects on the Amino Acid Solubility in Water: Solubilities of Glycine, <scp>l</scp>-Leucine, <scp>l</scp>-Phenylalanine, and <scp>l</scp>-Aspartic Acid in Salt Solutions of (Na⁺, K⁺, NH₄⁺)/(Cl^{â€“},) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	9
142	First stoichiometric large-pore chromium(III) silicate catalyst. Microporous and Mesoporous Materials, 2004, 69, 209-215.	2.2	8
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