

# John Bacsa

## List of Publications by Citations

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164  
papers

7,149  
citations

42  
h-index

82  
g-index

177  
ext. papers

7,949  
ext. citations

8.2  
avg, IF

5.76  
L-index

#	Paper	IF	Citations
164	Porous organic cages. <i>Nature Materials</i> , <b>2009</b> , 8, 973-8	27	789
163	A guest-responsive fluorescent 3D microporous metal-organic framework derived from a long-lifetime pyrene core. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4119-30	16.4	411
162	Modular and predictable assembly of porous organic molecular crystals. <i>Nature</i> , <b>2011</b> , 474, 367-71	50.4	396
161	Anion template effect on the self-assembly and interconversion of metallacyclophanes. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12909-23	16.4	319
160	Anion- $\pi$ interactions as controlling elements in self-assembly reactions of Ag(I) complexes with $\pi$ -acidic aromatic rings. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 5895-912	16.4	281
159	An exceptionally fast homogeneous carbon-free cobalt-based water oxidation catalyst. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 9268-71	16.4	225
158	Site-selective and stereoselective functionalization of unactivated C-H bonds. <i>Nature</i> , <b>2016</b> , 533, 230-4	50.4	220
157	A versatile catalyst for reductive amination by transfer hydrogenation. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7548-52	16.4	205
156	Triply interlocked covalent organic cages. <i>Nature Chemistry</i> , <b>2010</b> , 2, 750-5	17.6	191
155	A multilateral mechanistic study into asymmetric transfer hydrogenation in water. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7699-715	4.8	177
154	Site-selective and stereoselective functionalization of non-activated tertiary C-H bonds. <i>Nature</i> , <b>2017</b> , 551, 609-613	50.4	173
153	A noble-metal-free, tetra-nickel polyoxotungstate catalyst for efficient photocatalytic hydrogen evolution. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 14015-8	16.4	165
152	DNA binding and photocleavage in vitro by new dirhodium(II) dppz complexes: correlation to cytotoxicity and photocytotoxicity. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8510-9	5.1	165
151	On-off porosity switching in a molecular organic solid. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 749-53	16.4	153
150	Ruthenium(II) complexes of 1,12-diazaperylene and their interactions with DNA. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 5996-6003	5.1	115
149	The delicate balance between gelation and crystallisation: structural and computational investigations. <i>Soft Matter</i> , <b>2010</b> , 6, 4144	3.6	108
148	High Surface Area Contorted Conjugated Microporous Polymers Based on Spiro-Bipropylenedioxythiophene. <i>Macromolecules</i> , <b>2010</b> , 43, 7577-7582	5.5	99

147	Visible-light-driven hydrogen evolution from water using a noble-metal-free polyoxometalate catalyst. <i>Journal of Catalysis</i> , <b>2013</b> , 307, 48-54	7.3	83
146	Synthesis of a trigold monocation: an isolobal analogue of [H <sub>3</sub> ] <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 12077-80	16.4	80
145	Bonding and reactivity of a $\eta$ -hydrido dicopper cation. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12920-3	16.4	79
144	A metal-organic framework with a covalently prefabricated porous organic linker. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12773-5	16.4	78
143	A soft porous organic cage crystal with complex gas sorption behavior. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 10235-40	4.8	74
142	Dimensionality transformation through paddlewheel reconfiguration in a flexible and porous Zn-based metal-organic framework. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 20466-78	16.4	73
141	Control of porosity geometry in amino acid derived nanoporous materials. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 4521-32	4.8	72
140	In silico design of supramolecules from their precursors: odd-even effects in cage-forming reactions. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 9307-10	16.4	65
139	Synthesis and Reactivity of New Copper(I) Hydride Dimers. <i>Organometallics</i> , <b>2016</b> , 35, 613-616	3.8	62
138	Desymmetrization of cyclohexanes by site- and stereoselective C-H functionalization. <i>Nature</i> , <b>2018</b> , 564, 395-399	50.4	61
137	Oxygen Activation by Co(II) and a Redox Non-Innocent Ligand: Spectroscopic Characterization of a Radical-Co(II)-Superoxide Complex with Divergent Catalytic Reactivity. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 1796-9	16.4	57
136	A dinuclear silver hydride and an umpolung reaction of CO <sub>2</sub> . <i>Chemical Science</i> , <b>2013</b> , 4, 3068	9.4	56
135	Chiral recognition and selection during the self-assembly process of protein-mimic macroanions. <i>Nature Communications</i> , <b>2015</b> , 6, 6475	17.4	55
134	Triply interpenetrated (3,4)- and (3,5)-connected binodal metal-organic networks prepared from 1,3,5-benzenetrisbenzoate and 4,4'-bipyridyl. <i>CrystEngComm</i> , <b>2008</b> , 10, 1687	3.3	54
133	Photoinduced Cobalt(III)-Trifluoromethyl Bond Activation Enables Arene C-H Trifluoromethylation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1311-1315	16.4	53
132	Rh(III) and Ir(III)Cp* Complexes Provide Complementary Regioselectivity Profiles in Intermolecular Allylic CBr Amidation Reactions. <i>ACS Catalysis</i> , <b>2019</b> , 9, 5474-5479	13.1	52
131	The isolation and characterization of a rhodacycle intermediate implicated in metal-catalyzed reactions of alkylidenecyclopropanes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 3952-6	16.4	52
130	Robust affinity standards for Cu(I) biochemistry. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18549-59	16.4	49

129	New paramagnetic Re(II) compounds with nitrile and cyanide ligands prepared by homolytic scission of dirhenium complexes. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 4256-8	5.1	48
128	Structural characterization, magnetic properties, and electrospray mass spectrometry of two Jahn-Teller isomers of the single-molecule magnet [Mn <sub>12</sub> O <sub>12</sub> (CF <sub>3</sub> COO) <sub>16</sub> (H <sub>2</sub> O) <sub>4</sub> ]. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 1359-69	5.1	48
127	{N-alkyl-N-[pyridin-2-ylmethylene] amine}dichloro palladium(II) complexes: synthesis, crystal structures and evaluation of their catalytic activities for ethylene polymerization. <i>Polyhedron</i> , <b>2003</b> , 22, 2855-2861	2.7	47
126	Design, Isolation, and Spectroscopic Analysis of a Tetravalent Terbium Complex. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 13222-13233	16.4	46
125	Ce(IV) complexes with donor-functionalized alkoxide ligands: improved precursors for chemical vapor deposition of CeO <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11644-52	5.1	45
124	Catalyst-Controlled Selective Functionalization of Unactivated C-H Bonds in the Presence of Electronically Activated C-H Bonds. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12247-12255	16.4	43
123	Dinuclear Efluoro cations of copper, silver and gold. <i>Polyhedron</i> , <b>2014</b> , 84, 87-95	2.7	42
122	Reversible Methane Storage in a Polymer-Supported Semi-Clathrate Hydrate at Ambient Temperature and Pressure. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3810-3815	9.6	42
121	Site-Selective Carbene-Induced C-H Functionalization Catalyzed by Dirhodium Tetrakis(triarylcyclopropanecarboxylate) Complexes. <i>ACS Catalysis</i> , <b>2018</b> , 8, 678-682	13.1	40
120	Structure-activity relationships and pharmacophore model of a noncompetitive pyrazoline containing class of GluN2C/GluN2D selective antagonists. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 6434-56	8.3	39
119	A family of cyanide-bridged molecular squares: structural and magnetic properties of [(MIICl <sub>2</sub> ) <sub>2</sub> {CoII(triphos)(CN) <sub>2</sub> } <sub>2</sub> ].xCH <sub>2</sub> Cl <sub>2</sub> , M = Mn, Fe, Co, Ni, Zn. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 2074-82	5.1	39
118	Chiral II-VI semiconductor nanostructure superlattices based on an amino acid ligand. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9390-9	5.1	38
117	Deposition of ZrO <sub>2</sub> and HfO <sub>2</sub> thin films by liquid injection MOCVD and ALD using ansa-metallocene zirconium and hafnium precursors. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 4561		37
116	Structures of (4-Y-C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub> NH <sub>3</sub> ) <sub>2</sub> PbI <sub>4</sub> {Y = H, F, Cl, Br, I}: Tuning of Hybrid Organic Inorganic Perovskite Structures from Ruddlesden-Popper to Dion-Jacobson Limits. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 6145-6153	9.6	36
115	[(Ni <sub>4</sub> (OH) <sub>3</sub> AsO <sub>4</sub> ) <sub>4</sub> (B-PW <sub>9</sub> O <sub>34</sub> ) <sub>4</sub> ](28-): A New Polyoxometalate Structural Family with Catalytic Hydrogen Evolution Activity. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17363-70	4.8	36
114	Redox-Active Bis(phenolate) N-Heterocyclic Carbene [OCO] Pincer Ligands Support Cobalt Electron Transfer Series Spanning Four Oxidation States. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 12421-12435	5.1	34
113	The Mechanism of Rhodium-Catalyzed Allylic C-H Amination. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 5842-5851	16.4	34
112	Cu-based Polyoxometalate Catalyst for Efficient Catalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6750-8	5.1	34

111	Magnesium borohydride confined in a metal-organic framework: a preorganized system for facile arene hydroboration. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2012-6	16.4	34
110	Synthesis of a Trigold Monocation: An Isolobal Analogue of [H <sub>3</sub> ] <sup>+</sup> . <i>Angewandte Chemie</i> , <b>2012</b> , 124, 12243-12246	3.1	25
109	Mesoporous stilbene-based lanthanide metal organic frameworks: synthesis, photoluminescence and radioluminescence characteristics. <i>Dalton Transactions</i> , <b>2017</b> , 46, 491-500	4.3	29
108	(4NPEA)PbI <sub>3</sub> (4NPEA = 4-Nitrophenylethylammonium): Structural, NMR, and Optical Properties of a 3D Corrugated 2D Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 4521-4525	16.4	29
107	Bonding and Reactivity of a $\mu$ -Hydrido Dicopper Cation. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13158-13161	3.6	29
106	[2.2]Paracyclophane-based monophosphine ligand for palladium-catalyzed cross-coupling reactions of aryl chlorides. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 3236-42	3.9	29
105	Homoleptic Imidophosphorane Stabilization of Tetravalent Cerium. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 5289-5304	5.1	28
104	Synthesis, spectroscopic properties, and photoconductivity of black absorbers consisting of Pt(bipyridine)(dithiolate) charge transfer complexes in the presence and absence of nitrofluorenone acceptors. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16185-200	16.4	28
103	Hydrogen Peroxide Complex of Zinc. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 14606-9	16.4	27
102	Stable Mono- and Dinuclear Organosilver Complexes. <i>Organometallics</i> , <b>2017</b> , 36, 964-974	3.8	25
101	Convenient syntheses of benzo-fluorinated dibenz[b,f]azepines: rearrangements of isatins, acridines, and indoles. <i>Organic Letters</i> , <b>2011</b> , 13, 5592-5	6.2	25
100	Cooperative catalysis: combining an achiral metal catalyst with a chiral Brønsted acid enables highly enantioselective hydrogenation of imines. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14187-93	4.8	24
99	Assembly of the first fullerene-type metal-organic frameworks using a planar five-fold coordination node. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8279-82	16.4	24
98	Synthesis and Catalytic Reactivity of a Dicopper(II) $\mu$ (2): $\mu$ (2)-Peroxo Species Supported by 1,4,7-Tri-tert-butyl-1,4,7-triazacyclononane. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 1102-7	5.1	23
97	Syntheses, Structural Characterization, and Catalytic Properties of Di- and Trinickel Polyoxometalates. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 461-6	5.1	22
96	The synthesis and crystal structure of {N-dodecyl-N-pyridin-2-ylmethylene]amine}dichloro palladium and its preliminary evaluation as a catalyst for ethylene polymerization. <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 724-726	3.1	22
95	Ferrocenyl phosphine-oxazaphospholidine oxide ligands for the Suzuki-Miyaura coupling of hindered aryl bromides and chlorides. <i>Canadian Journal of Chemistry</i> , <b>2009</b> , 87, 171-175	0.9	20
94	Heterometallic Molecular Squares and Polymers Based On Self-Assembly Reactions of Multiply Bonded Dirhenium Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 368-375	2.3	20

- 93 Tuning the Structures of Metal-Organic Frameworks via a Mixed-Linker Strategy for Ethylene/Ethane Kinetic Separation. *Chemistry of Materials*, **2020**, 32, 3715-3722 9.6 19
- 92 Electrochemical, spectroscopic, and structural evidence for the mild hydrolysis of tetracyanoethylene, TCNE, to form the 2,3,3-tricyanoacrylamidate ligand: isolation of an unexpected quadruply-bonded polymeric material [Mo<sub>2</sub>(O<sub>2</sub>CCMe<sub>3</sub>)<sub>3</sub>((NC)<sub>2</sub>CC(CN)CONH)]<sub>n</sub>. *Inorganic Chemistry*, **2004**, 43, 8673-81 5.1 18
- 91 Photoinduced Cobalt(III)-Trifluoromethyl Bond Activation Enables Arene C-H Trifluoromethylation. *Angewandte Chemie*, **2018**, 130, 1325-1329 3.6 17
- 90 Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Second-Sphere Hydrogen Bonding. *Angewandte Chemie - International Edition*, **2016**, 55, 11902-6 16.4 17
- 89 Novel Layered 2D and Triply Interpenetrating 3D Cobalt-Functionalized Diaza-12-crown Based Coordination Polymers: Synthesis, Structure, and Magnetic Properties. *Crystal Growth and Design*, **2013**, 13, 1131-1139 3.5 17
- 88 Shedding Light on the Protonation States and Location of Protonated N Atoms of Adenine in Metal-Organic Frameworks. *Inorganic Chemistry*, **2018**, 57, 1888-1900 5.1 16
- 87 Bonding and Reactivity of a Dicopper(I) Boryl Cation. *Organometallics*, **2016**, 35, 71-74 3.8 15
- 86 Comparison of tetravalent cerium and terbium ions in a conserved, homoleptic imidophosphorane ligand field. *Chemical Science*, **2020**, 11, 6149-6159 9.4 15
- 85 The Structure-Activity Relationship of a Tetrahydroisoquinoline Class of N-Methyl-d-Aspartate Receptor Modulators that Potentiates GluN2B-Containing N-Methyl-d-Aspartate Receptors. *Journal of Medicinal Chemistry*, **2017**, 60, 5556-5585 8.3 14
- 84 Synthesis of a d-titanium fluoride kagome lattice antiferromagnet. *Nature Chemistry*, **2020**, 12, 691-696 17.6 14
- 83 Di- and tri-cobalt silicotungstates: synthesis, characterization, and stability studies. *Inorganic Chemistry*, **2013**, 52, 1018-24 5.1 14
- 82 Nanoporous Amino Acid Derived Material Formed via In-Situ Dimerization of Aspartic Acid. *Crystal Growth and Design*, **2010**, 10, 2977-2982 3.5 14
- 81 Diastereoselective schenck ene reaction of singlet oxygen with chiral allylic alcohols; access to enantiomerically enriched 1,2,4-trioxanes. *Tetrahedron*, **2009**, 65, 8531-8537 2.4 14
- 80 Syntheses of structurally diverse amino acids, including  $\beta$ -hydroxylysine, using the acyl nitroso Diels-Alder reaction. *Tetrahedron Letters*, **2010**, 51, 2160-2163 2 14
- 79 Heterolysis of Dihydrogen by Silver Alkoxides and Fluorides. *Chemistry - A European Journal*, **2015**, 21, 10160-9 4.8 13
- 78 Synthesis and characterization of monomeric and polymeric Pd(II) and Pt(II) complexes of 3,4-ethylenedioxythiophene-functionalized phosphine ligands. *Journal of Materials Chemistry*, **2009**, 19, 1850 13
- 77 The acyl nitroso Diels-Alder (ANDA) reaction of sorbate derivatives: an X-ray and <sup>15</sup>N NMR study with an application to amino-acid synthesis. *Organic and Biomolecular Chemistry*, **2009**, 7, 4531-8 3.9 13
- 76 Synthesis, Characterization, and Physical Properties of Two Trinuclear, Mixed-Valence Species of Type [β-OMn<sup>II</sup>Mn<sup>III</sup> 2(O<sub>2</sub>CCF<sub>3</sub>)<sub>6</sub>(R)<sub>3</sub>] (R=H<sub>2</sub>O, CH<sub>3</sub>COOH). *Journal of Cluster Science*, **2003**, 14, 235-252 3 13



75	Speciation and Dynamics in the [Co4V2W18O68]10/[Co(II)aq/CoOx Catalytic Water Oxidation System. <i>ACS Catalysis</i> , <b>2018</b> , 8, 11952-11959	13.1	13
74	1,4,7-Triazacyclononane ligands bearing tertiary alkyl nitrogen substituents. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 13282-7	5.1	12
73	Synthesis, in vitro and in vivo antimalarial assessment of sulfide, sulfone and vinyl amide-substituted 1,2,4-trioxanes prepared via thiol-olefin co-oxygenation (TOCO) of allylic alcohols. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 2068-77	3.9	12
72	Nitrosonium Reactivity of (NHC)Copper(I) Sulfide Complexes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9592-9596	5.1	11
71	Complexation with diol host compounds. Part 33. Inclusion and separation of pyridines by a diol host compound. <i>Crystal Engineering</i> , <b>2000</b> , 3, 251-261		11
70	Two-Electron Oxidative Atom Transfer at a Homoleptic, Tetravalent Uranium Complex. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7368-7373	16.4	10
69	Solid-state tautomeric structure and invariom refinement of a novel and potent HIV integrase inhibitor. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 285-8		10
68	Another side of the oxazaphospholidine oxide chiral ortho-directing group. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 4036-42	3.9	10
67	A Layered Manganese(IV)-Containing Heteropolyvanadate with a 1:14 Stoichiometry. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10604-9	5.1	9
66	Structural Diversity in 2,2′-[Naphthalene-1,8:4,5-bis(dicarboximide)-Odiyl]-bis(ethylammonium) Iodoplumbates. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8070-8080	5.1	9
65	Coordination of Hydrogen Peroxide with Late-Transition-Metal Sulfonamido Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 4841-4848	5.1	9
64	Diethyl ether adducts of trivalent lanthanide iodides. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8030-8033	4.3	8
63	Synthesis of an Azaphosphatriptycene and Its Rhodium Carbonyl Complex. <i>Organometallics</i> , <b>2019</b> , 38, 1868-1871	3.8	8
62	Mechanistic details of the cobalt-mediated dehydrogenative dimerization of aminoquinoline-directed benzamides. <i>Chemical Science</i> , <b>2020</b> , 11, 6085-6096	9.4	7
61	Direct Structural Evidence of Molecular Packing Effects of Xylene Isomers Adsorbed in BIF-20. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2890-2898	3.5	7
60	Syntheses and structures of anomeric quaternary ammonium β-glucosides and comments on the anomeric C-N bond lengths. <i>Tetrahedron</i> , <b>2009</b> , 65, 6396-6402	2.4	7
59	Synthesis and characterization of cobaloxime dendrimer precursors. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 2748-2754	2.7	7
58	Angular (cis-stilbazole) geometry in octahedral dimethyldihalidoplatinum(IV) complexes: potential as metallomesogens and X-ray structure of [PtMe2I2(NC5H4CH2CHC6H4OC7H15)2]. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 645, 206-211	2.3	7

57	Use of 1,3-dibenzyl-dihydrouracil in the chain extension of 2,3-O-isopropylidene-d-glyceraldehyde. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 671-675	2	7
56	Synthesis, crystal structures and magnetic properties of two new coordination polymers based on the tricyanoethenolate ligand: $\{Fe(C_5N_3O)_2(CH_3CN)_2\}$ and $\{Co(C_5N_3O)_2(C_4H_4O)_2\}$ <i>Polyhedron</i> , <b>2005</b> , 24, 1907-1912	2.7	7
55	Organotin(IV) derivatives of amide-based carboxylates: Synthesis, spectroscopic characterization, single crystal studies and antimicrobial, antioxidant, cytotoxic, anti-leishmanial, hemolytic, noncancerous, anticancer activities. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 505, 119433	2.7	6
54	Heterotrimetallic sandwich complexes supported by sulfonamido ligands. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 142-149	6.8	6
53	A 3D Porous Metal Organic Framework Based on Infinite 1D Nickel(II) Chains with Rutile Topology Displaying Open Metal Sites. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2014</b> , 640, 2123-2131	1.3	6
52	Chromone Studies. Part 14.1 Unprecedented Dimerisation of Chromone-3-Carbaldehyde-Derived Baylis-Hillman Adducts. <i>Journal of Chemical Research</i> , <b>2003</b> , 2003, 111-113	0.6	6
51	Tetrakis(2,2'-bipyridine)tetra- $\beta$ -hydroxo-di- $\mu$ -trifluoroacetato-tetracobalt(II) diiodide diacetonitrile monohydrate: a compound containing a tetranuclear $\beta$ -cubane-type cobalt(II) core. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, m637-m640		6
50	Self-Assembly of Organocyanide Dianions and Metal-Organic Macrocycles into Polymeric Architectures Including an Unprecedented Quadruple Helical Aperiodic Structure. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 1805-1811	3.5	6
49	Preorganized PSP Ligands Yield Monomeric Cu(I) Complexes with Subzeptomolar Cu(I) Dissociation Constants. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 13631-13638	5.1	5
48	Synthesis and charge density determination of 4,4-difluoro-3,5-diphenyl-4H-pyrazole and a hydrate derivative. <i>Journal of Fluorine Chemistry</i> , <b>2015</b> , 173, 12-17	2.1	5
47	Discovery of Dihydropyrrolo[1,2-]pyrazin-3(4)-one-Based Second-Generation GluN2C- and GluN2D-Selective Positive Allosteric Modulators (PAMs) of the $\alpha$ -Methyl-d-Aspartate (NMDA) Receptor. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 7569-7600	8.3	5
46	An investigation of the electron density of a Jahn-Teller-distorted Cr(II) cation: the crystal structure and charge density of hexakis(acetonitrile- $\lambda$ 1)chromium(II) bis(tetraphenylborate) acetonitrile disolvate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 936-43	0.8	5
45	Comparison of 1,2-Diarylcyclopropanecarboxylates with 1,2,2-Triarylcyclopropanecarboxylates as Chiral Ligands for Dirhodium-Catalyzed Cyclopropanation and C-H Functionalization. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 12199-12211	4.2	5
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13	Mechanistically Guided Workflow for Relating Complex Reactive Site Topologies to Catalyst Performance in C-H Functionalization Reactions.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	1
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