John Bacsa

List of Publications by Year in descending order

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165 papers	8,708 citations	53660 45 h-index	46693 89 g-index
177 all docs	177 docs citations	177 times ranked	10333 citing authors

#	Article	IF	Citations
1	Porous organic cages. Nature Materials, 2009, 8, 973-978.	13.3	984
2	A Guest-Responsive Fluorescent 3D Microporous Metalâ"Organic Framework Derived from a Long-Lifetime Pyrene Core. Journal of the American Chemical Society, 2010, 132, 4119-4130.	6.6	456
3	Modular and predictable assembly of porous organic molecular crystals. Nature, 2011, 474, 367-371.	13.7	452
4	Anion Template Effect on the Self-Assembly and Interconversion of Metallacyclophanes. Journal of the American Chemical Society, 2005, 127, 12909-12923.	6.6	335
5	Site-selective and stereoselective functionalization of unactivated Câ€"H bonds. Nature, 2016, 533, 230-234.	13.7	313
6	Anionâ"Ï€ Interactions as Controlling Elements in Self-Assembly Reactions of Ag(I) Complexes with Ï€-Acidic Aromatic Rings. Journal of the American Chemical Society, 2006, 128, 5895-5912.	6.6	302
7	An Exceptionally Fast Homogeneous Carbon-Free Cobalt-Based Water Oxidation Catalyst. Journal of the American Chemical Society, 2014, 136, 9268-9271.	6.6	260
8	Site-selective and stereoselective functionalization of non-activated tertiary Câ€"H bonds. Nature, 2017, 551, 609-613.	13.7	239
9	A Versatile Catalyst for Reductive Amination by Transfer Hydrogenation. Angewandte Chemie - International Edition, 2010, 49, 7548-7552.	7.2	237
10	Triply interlocked covalent organic cages. Nature Chemistry, 2010, 2, 750-755.	6.6	230
11	A Noble-Metal-Free, Tetra-nickel Polyoxotungstate Catalyst for Efficient Photocatalytic Hydrogen Evolution. Journal of the American Chemical Society, 2014, 136, 14015-14018.	6.6	213
12	A Multilateral Mechanistic Study into Asymmetric Transfer Hydrogenation in Water. Chemistry - A European Journal, 2008, 14, 7699-7715.	1.7	194
13	DNA Binding and Photocleavage in Vitro by New Dirhodium(II) dppz Complexes:Â Correlation to Cytotoxicity and Photocytotoxicity. Inorganic Chemistry, 2004, 43, 8510-8519.	1.9	178
14	Onâ€"Off Porosity Switching in a Molecular Organic Solid. Angewandte Chemie - International Edition, 2011, 50, 749-753.	7.2	176
15	The delicate balance between gelation and crystallisation: structural and computational investigations. Soft Matter, 2010, 6, 4144.	1.2	121
16	Ruthenium(II) Complexes of 1,12-Diazaperylene and Their Interactions with DNA. Inorganic Chemistry, 2005, 44, 5996-6003.	1.9	118
17	High Surface Area Contorted Conjugated Microporous Polymers Based on Spiro-Bipropylenedioxythiophene. Macromolecules, 2010, 43, 7577-7582.	2.2	112
18	Synthesis of a Trigold Monocation: An Isolobal Analogue of [H₃]⁺. Angewandte Chemie - International Edition, 2012, 51, 12077-12080.	7.2	107

#	Article	IF	Citations
19	Desymmetrization of cyclohexanes by site- and stereoselective Câ€“H functionalization. Nature, 2018, 564, 395-399.	13.7	100
20	Visible-light-driven hydrogen evolution from water using a noble-metal-free polyoxometalate catalyst. Journal of Catalysis, 2013, 307, 48-54.	3.1	95
21	A Metalâ^'Organic Framework with a Covalently Prefabricated Porous Organic Linker. Journal of the American Chemical Society, 2010, 132, 12773-12775.	6.6	88
22	Bonding and Reactivity of a Î¼â€Hydrido Dicopper Cation. Angewandte Chemie - International Edition, 2013, 52, 12920-12923.	7.2	88
23	A Soft Porous Organic Cage Crystal with Complex Gas Sorption Behavior. Chemistry - A European Journal, 2011, 17, 10235-10240.	1.7	85
24	Dimensionality Transformation through Paddlewheel Reconfiguration in a Flexible and Porous Zn-Based Metalâ€“Organic Framework. Journal of the American Chemical Society, 2012, 134, 20466-20478.	6.6	85
25	Synthesis and Reactivity of New Copper(I) Hydride Dimers. Organometallics, 2016, 35, 613-616.	1.1	82
26	Control of Porosity Geometry in Amino Acid Derived Nanoporous Materials. Chemistry - A European Journal, 2008, 14, 4521-4532.	1.7	81
27	Design, Isolation, and Spectroscopic Analysis of a Tetravalent Terbium Complex. Journal of the American Chemical Society, 2019, 141, 13222-13233.	6.6	80
28	In silico Design of Supramolecules from Their Precursors: Oddâ€“Even Effects in Cage-Forming Reactions. Journal of the American Chemical Society, 2013, 135, 9307-9310.	6.6	75
29	Oxygen Activation by Co(II) and a Redox Non-Innocent Ligand: Spectroscopic Characterization of a Radicalâ€“Co(II)â€“Superoxide Complex with Divergent Catalytic Reactivity. Journal of the American Chemical Society, 2016, 138, 1796-1799.	6.6	73
30	Catalyst-Controlled Selective Functionalization of Unactivated Câ€“H Bonds in the Presence of Electronically Activated Câ€“H Bonds. Journal of the American Chemical Society, 2018, 140, 12247-12255.	6.6	68
31	Chiral recognition and selection during the self-assembly process of protein-mimic macroanions. Nature Communications, 2015, 6, 6475.	5.8	66
32	Rh(III) and Ir(III)Cp* Complexes Provide Complementary Regioselectivity Profiles in Intermolecular Allylic Câ€“H Amidation Reactions. ACS Catalysis, 2019, 9, 5474-5479.	5.5	66
33	Robust Affinity Standards for Cu(I) Biochemistry. Journal of the American Chemical Society, 2013, 135, 18549-18559.	6.6	65
34	Photoinduced Cobalt(III)â^'Trifluoromethyl Bond Activation Enables Arene Câ^'H Trifluoromethylation. Angewandte Chemie - International Edition, 2018, 57, 1311-1315.	7.2	64
35	Structures of (4-Y-C₆H₄CH₂NH₃)₂PbI₄ {Y = H, F, Cl, Br, I}: Tuning of Hybrid Organic Inorganic Perovskite Structures from Ruddlesdenâ€“Popper to Dionâ€“Jacobson Limits. Chemistry of Materials, 2019, 31, 6145-6153.	3.2	62
36	A dinuclear silver hydride and an umpolung reaction of CO2. Chemical Science, 2013, 4, 3068.	3.7	60

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37	Triply interpenetrated (3,4)- and (3,5)-connected binodal metalâ€“organic networks prepared from 1,3,5-benzenetrisbenzoate and 4,4â€²-bipyridyl. CrystEngComm, 2008, 10, 1687.	1.3	54
38	The Isolation and Characterization of a Rhodacycle Intermediate Implicated in Metalâ€Catalyzed Reactions of Alkylidenecyclopropanes. Angewandte Chemie - International Edition, 2014, 53, 3952-3956.	7.2	54
39	The Mechanism of Rhodium-Catalyzed Allylic Câ€“H Amination. Journal of the American Chemical Society, 2020, 142, 5842-5851.	6.6	53
40	New Paramagnetic Re(II) Compounds with Nitrile and Cyanide Ligands Prepared by Homolytic Scission of Dirhenium Complexes. Inorganic Chemistry, 2003, 42, 4256-4258.	1.9	52
41	[{Ni₄(OH)₃AsO₄}₄(Bâ€²â€²PW₉O₃₄)₄<st A New Polyoxometalate Structural Family with Catalytic Hydrogen Evolution Activity. Chemistry - A European Journal, 2015, 21, 17363-17370.	1.7	52
42	Structural Characterization, Magnetic Properties, and Electrospray Mass Spectrometry of Two Jahnâ^Teller Isomers of the Single-Molecule Magnet [Mn12O12(CF3COO)16(H2O)4]. Inorganic Chemistry, 2004, 43, 1359-1369.	1.9	51
43	Cu-based Polyoxometalate Catalyst for Efficient Catalytic Hydrogen Evolution. Inorganic Chemistry, 2016, 55, 6750-6758.	1.9	50
44	{N-alkyl-N-[pyridin-2-ylmethylene] amine}dichloro palladium(II) complexes: synthesis, crystal structures and evaluation of their catalytic activities for ethylene polymerization. Polyhedron, 2003, 22, 2855-2861.	1.0	49
45	Ce(IV) Complexes with Donor-Functionalized Alkoxide Ligands: Improved Precursors for Chemical Vapor Deposition of CeO₂. Inorganic Chemistry, 2011, 50, 11644-11652.	1.9	48
46	Site-Selective Carbene-Induced Câ€“H Functionalization Catalyzed by Dirhodium Tetrakis(triarylcyclopropanecarboxylate) Complexes. ACS Catalysis, 2018, 8, 678-682.	5.5	48
47	Dinuclear Î¼-fluoro cations of copper, silver and gold. Polyhedron, 2014, 84, 87-95.	1.0	47
48	Redox-Active Bis(phenolate) N-Heterocyclic Carbene [OCO] Pincer Ligands Support Cobalt Electron Transfer Series Spanning Four Oxidation States. Inorganic Chemistry, 2017, 56, 12421-12435.	1.9	46
49	Reversible Methane Storage in a Polymer-Supported Semi-Clathrate Hydrate at Ambient Temperature and Pressure. Chemistry of Materials, 2009, 21, 3810-3815.	3.2	45
50	Structureâ€“Activity Relationships and Pharmacophore Model of a Noncompetitive Pyrazoline Containing Class of GluN2C/GluN2D Selective Antagonists. Journal of Medicinal Chemistry, 2013, 56, 6434-6456.	2.9	44
51	Tuning the Structures of Metalâ€“Organic Frameworks via a Mixed-Linker Strategy for Ethylene/Ethane Kinetic Separation. Chemistry of Materials, 2020, 32, 3715-3722.	3.2	44
52	Chiral IIâ^'VI Semiconductor Nanostructure Superlattices Based on an Amino Acid Ligand. Inorganic Chemistry, 2008, 47, 9390-9399.	1.9	40
53	Homoleptic Imidophosphorane Stabilization of Tetravalent Cerium. Inorganic Chemistry, 2019, 58, 5289-5304.	1.9	40
54	A Family of Cyanide-Bridged Molecular Squares: Structural and Magnetic Properties of [{MIICl2}2{CoII(triphos)(CN)2}2]Â·xCH2Cl2, M = Mn, Fe, Co, Ni, Zn. Inorganic Chemistry, 2008, 47, 2074-2082.	1.9	39

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55	Magnesium Borohydride Confined in a Metalâ€“Organic Framework: A Preorganized System for Facile Arene Hydroboration. Angewandte Chemie - International Edition, 2009, 48, 2012-2016.	7.2	39
56	Deposition of ZrO2 and HfO2 thin films by liquid injection MOCVD and ALD using ansa-metallocene zirconium and hafnium precursors. Journal of Materials Chemistry, 2008, 18, 4561.	6.7	38
57	Synthesis, Spectroscopic Properties, and Photoconductivity of Black Absorbers Consisting of Pt(Bipyridine)(Dithiolate) Charge Transfer Complexes in the Presence and Absence of Nitrofluorenone Acceptors. Journal of the American Chemical Society, 2014, 136, 16185-16200.	6.6	37
58	(4NPEA)₂PbI₄ (4NPEA = 4-Nitrophenylethylammonium): Structural, NMR, and Optical Properties of a 3 Ã— 3 Corrugated 2D Hybrid Perovskite. Journal of the American Chemical Society, 2019, 141, 4521-4525.	6.6	37
59	Mesoporous stilbene-based lanthanide metal organic frameworks: synthesis, photoluminescence and radioluminescence characteristics. Dalton Transactions, 2017, 46, 491-500.	1.6	35
60	Hydrogen Peroxide Complex of Zinc. Journal of the American Chemical Society, 2015, 137, 14606-14609.	6.6	34
61	Comparison of tetravalent cerium and terbium ions in a conserved, homoleptic imidophosphorane ligand field. Chemical Science, 2020, 11, 6149-6159.	3.7	33
62	Stable Mono- and Dinuclear Organosilver Complexes. Organometallics, 2017, 36, 964-974.	1.1	31
63	[2.2]Paracyclophane-based monophosphine ligand for palladium-catalyzed cross-coupling reactions of aryl chlorides. Organic and Biomolecular Chemistry, 2009, 7, 3236.	1.5	30
64	Convenient Syntheses of Benzo-Fluorinated Dibenz[b,f]azepines: Rearrangements of Isatins, Acridines, and Indoles. Organic Letters, 2011, 13, 5592-5595.	2.4	30
65	Assembly of the First Fullereneâ€Type Metalâ€“Organic Frameworks Using a Planar Fiveâ€Fold Coordination Node. Angewandte Chemie - International Edition, 2011, 50, 8279-8282.	7.2	30
66	Synthesis and Catalytic Reactivity of a Dicopper(II) Î¼-Î·²:Î·²-Peroxo Species Supported by 1,4,7-Tri-tert-butyl-1,4,7-triazacyclononane. Inorganic Chemistry, 2016, 55, 1102-1107.	1.9	30
67	Cooperative Catalysis: Combining an Achiral Metal Catalyst with a Chiral BrÃ¸nsted Acid Enables Highly Enantioselective Hydrogenation of Imines. Chemistry - A European Journal, 2013, 19, 14187-14193.	1.7	28
68	Syntheses, Structural Characterization, and Catalytic Properties of Di- and Trinickel Polyoxometalates. Inorganic Chemistry, 2016, 55, 461-466.	1.9	27
69	Two-Electron Oxidative Atom Transfer at a Homoleptic, Tetravalent Uranium Complex. Journal of the American Chemical Society, 2020, 142, 7368-7373.	6.6	24
70	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. Inorganic Chemistry Communication, 2002, 5, 724-726.	1.8	23
71	Heterometallic Molecular Squares and Polymers Based On Self-Assembly Reactions of Multiply Bonded Dirhenium Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 368-375.	1.0	22
72	Copper-Catalyzed Oxidation of Hydrazones to Diazo Compounds Using Oxygen as the Terminal Oxidant. ACS Catalysis, 2021, 11, 2676-2683.	5.5	22

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73	Shedding Light on the Protonation States and Location of Protonated N Atoms of Adenine in Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 1888-1900.	1.9	21
74	Synthesis of a d1-titanium fluoride kagome lattice antiferromagnet. Nature Chemistry, 2020, 12, 691-696.	6.6	21
75	Ferrocenyl phosphineâ€“oxazaphospholidine oxide ligands for the Suzukiâ€“Miyaura coupling of hindered aryl bromides and chlorides. Canadian Journal of Chemistry, 2009, 87, 171-175.	0.6	20
76	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Secondâ€Sphere Hydrogen Bonding. Angewandte Chemie - International Edition, 2016, 55, 11902-11906.	7.2	20
77	Bonding and Reactivity of a Dicopper(I) Î¼-Boryl Cation. Organometallics, 2016, 35, 71-74.	1.1	19
78	Photoinduced Cobalt(III)â^'Trifluoromethyl Bond Activation Enables Arene Câ^'H Trifluoromethylation. Angewandte Chemie, 2018, 130, 1325-1329.	1.6	19
79	Speciation and Dynamics in the [Co₄V₂W₁₈O₆₈]^{10â€“}/Co(II)_{aq}/Co_x Catalytic Water Oxidation System. ACS Catalysis, 2018, 8, 11952-11959.	6.6	19
80	Electrochemical, Spectroscopic, and Structural Evidence for the Mild Hydrolysis of Tetracyanoethylene, TCNE, To Form the 2,3,3-Tricyanoacrylamidate Ligand:â€‰ Isolation of an Unexpected Quadruply-Bonded Polymeric Material [Mo2(O2CCMe3)3((NC)2CC(CN)CONH)]â^ž. Inorganic Chemistry, 2004, 43, 3673-3681.	1.9	18
81	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.	6.7	18
82	Nanoporous Amino Acid Derived Material Formed via In-Situ Dimerization of Aspartic Acid. Crystal Growth and Design, 2010, 10, 2977-2982.	1.4	17
83	1,4,7-Triazacyclononane Ligands Bearing Tertiary Alkyl Nitrogen Substituents. Inorganic Chemistry, 2013, 52, 13282-13287.	1.9	17
84	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.	1.4	17
85	The Structureâ€“Activity Relationship of a Tetrahydroisoquinoline Class of N-Methyl-<scp>d</scp>-Aspartate Receptor Modulators that Potentiates GluN2B-Containing N-Methyl-<scp>d</scp>-Aspartate Receptors. Journal of Medicinal Chemistry, 2017, 60, 5556-5585.	2.9	17
86	Diastereoselective schenck ene reaction of singlet oxygen with chiral allylic alcohols; access to enantiomerically enriched 1,2,4-trioxanes. Tetrahedron, 2009, 65, 8531-8537.	1.0	16
87	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. Organic and Biomolecular Chemistry, 2010, 8, 2068.	1.5	16
88	Diethyl ether adducts of trivalent lanthanide iodides. Dalton Transactions, 2019, 48, 8030-8033.	1.6	16
89	Structural Diversity in 2,2â€²-[Naphthalene-1,8:4,5-bis(dicarboximide)-N,Nâ€²-diyl]-bis(ethylammonium) Iodoplumbates. Inorganic Chemistry, 2020, 59, 8070-8080.	1.9	16
90	Synthesis, Characterization, and Physical Properties of Two Trinuclear, Mixed-Valence Species of Type [Î¼3-OMnIIMnIII2(O2CCF3)6(R)3] (R=H2O, CH3COOH). Journal of Cluster Science, 2003, 14, 235-252.	1.7	15

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91	Syntheses of structurally diverse amino acids, including Î´-hydroxylysine, using the acyl nitroso Dielsâ€“Alder reaction. Tetrahedron Letters, 2010, 51, 2160-2163.	0.7	15
92	Di- and Tri-Cobalt Silicotungstates: Synthesis, Characterization, and Stability Studies. Inorganic Chemistry, 2013, 52, 1018-1024.	1.9	15
93	Heterolysis of Dihydrogen by Silver Alkoxides and Fluorides. Chemistry - A European Journal, 2015, 21, 10160-10169.	1.7	15
94	Organotin(IV) derivatives of amide-based carboxylates: Synthesis, spectroscopic characterization, single crystal studies and antimicrobial, antioxidant, cytotoxic, anti-leishmanial, hemolytic, noncancerous, anticancer activities. Inorganica Chimica Acta, 2020, 505, 119433.	1.2	15
95	Mechanistically Guided Workflow for Relating Complex Reactive Site Topologies to Catalyst Performance in Câ€“H Functionalization Reactions. Journal of the American Chemical Society, 2022, 144, 1881-1898.	6.6	15
96	Complexation with diol host compounds. Part 33. Inclusion and separation of pyridines by a diol host compound. Crystal Engineering, 2000, 3, 251-261.	0.7	14
97	Synthesis of an Azaphosphatriptycene and Its Rhodium Carbonyl Complex. Organometallics, 2019, 38, 1868-1871.	1.1	14
98	Chemoselective Oxyfunctionalization of Functionalized Benzylic Compounds with a Manganese Catalyst. Angewandte Chemie - International Edition, 2022, 61, .	7.2	14
99	The acyl nitroso Dielsâ€“Alder (ANDA) reaction of sorbate derivatives: an X-ray and 15N NMR study with an application to amino-acid synthesis. Organic and Biomolecular Chemistry, 2009, 7, 4531.	1.5	13
100	A Layered Manganese(IV)-Containing Heteropolyvanadate with a 1:14 Stoichiometry. Inorganic Chemistry, 2015, 54, 10604-10609.	1.9	12
101	Coordination of Hydrogen Peroxide with Late-Transition-Metal Sulfonamido Complexes. Inorganic Chemistry, 2018, 57, 4841-4848.	1.9	12
102	Nitrosonium Reactivity of (NHC)Copper(I) Sulfide Complexes. Inorganic Chemistry, 2019, 58, 9592-9596.	1.9	12
103	Comparison of 1,2-Diarylcyclopropanecarboxylates with 1,2,2-Triarylcyclopropanecarboxylates as Chiral Ligands for Dirhodium-Catalyzed Cyclopropanation and Câ€“H Functionalization. Journal of Organic Chemistry, 2020, 85, 12199-12211.	1.7	12
104	Exciton-band tuning induced by the width of the cation in 2D lead iodide perovskite hybrids. Materials Chemistry Frontiers, 2020, 4, 2023-2028.	3.2	12
105	Spectroscopic and electrochemical characterization of a Pr⁴⁺ imidophosphorane complex and the redox chemistry of Nd³⁺ and Dy³⁺ complexes. Dalton Transactions, 2022, 51, 6696-6706.	1.6	11
106	Another side of the oxazaphospholidine oxide chiral ortho-directing group. Organic and Biomolecular Chemistry, 2012, 10, 4036.	1.5	10
107	Solid-state tautomeric structure and invariom refinement of a novel and potent HIV integrase inhibitor. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 285-288.	0.4	10
108	Synthesis of Previously Inaccessible Derivatives of 1,4,7â€Triâ€Râ€1,4,7â€Triazacyclononane, Including Chiral Examples, and a Rapid Synthesis of the HCl Salts of H₃tacn and H₄dtne. European Journal of Organic Chemistry, 2018, 2018, 6876-6889.	1.2	10

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109	Discovery of Dihydropyrrolo[1,2-a]pyrazin-3(4H)-one-Based Second-Generation GluN2C- and GluN2D-Selective Positive Allosteric Modulators (PAMs) of the N-Methyl-d-Aspartate (NMDA) Receptor. Journal of Medicinal Chemistry, 2020, 63, 7569-7600.	2.9	10
110	A 3D Porous Metal Organic Framework Based on Infinite 1D Nickel(II) Chains with Rutile Topology Displaying Open Metal Sites. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2123-2131.	0.6	9
111	Synthesis of homoleptic, divalent lanthanide (Sm, Eu) complexes via oxidative transmetallation. Dalton Transactions, 2019, 48, 16869-16872.	1.6	9
112	Synthesis, Radiolabeling, and Biological Evaluation of the cis Stereoisomers of 1-Amino-3-Fluoro-4-(fluoro-¹⁸F)Cyclopentane-1-Carboxylic Acid as PET Imaging Agents. Journal of Medicinal Chemistry, 2020, 63, 12008-12022.	2.9	9
113	Mechanistic details of the cobalt-mediated dehydrogenative dimerization of aminoquinoline-directed benzamides. Chemical Science, 2020, 11, 6085-6096.	3.7	9
114	Use of 1,3-dibenzyl-dihydrouracil in the chain extension of 2,3-O-isopropylidene-d-glyceraldehyde. Tetrahedron Letters, 2003, 44, 671-675.	0.7	8
115	Syntheses and structures of anomeric quaternary ammonium Î²-glucosides and comments on the anomeric Câ€“N bond lengths. Tetrahedron, 2009, 65, 6396-6402.	1.0	8
116	Preorganized PSP Ligands Yield Monomeric Cu(I) Complexes with Subzeptomolar Cu(I) Dissociation Constants. Inorganic Chemistry, 2019, 58, 13631-13638.	1.9	8
117	Chalcogen-atom abstraction reactions of a Di-iron imidophosphorane complex. Chemical Communications, 2021, 57, 6664-6667.	2.2	8
118	Angular (cis-stilbazole) geometry in octahedral dimethyldihalidoplatinum(IV) complexes: potential as metallomesogens and X-ray structure of [PtMe2I2(NC5H4CHî˜…CHC6H4OC7H15)2]. Journal of Organometallic Chemistry, 2002, 645, 206-211.	0.8	7
119	Chromone Studies. Part 14.1 Unprecedented Dimerisation of Chromone-3-Carbaldehyde-Derived Baylisâ€“Hillman Adducts. Journal of Chemical Research, 2003, 2003, 111-113.	0.6	7
120	Synthesis and characterization of cobaloxime dendrimer precursors. Inorganica Chimica Acta, 2004, 357, 2748-2754.	1.2	7
121	Synthesis, crystal structures and magnetic properties of two new coordination polymers based on the tricyanoethenolate ligand: {Fe(C5N3O)2(CH3CN)2}âˆž and {Co(C5N3O)2(C4H4O)2}âˆž. Polyhedron, 2005, 24, 1907-1912.	1.0	7
122	Self-Assembly of Organocyanide Dianions and Metalâ€“Organic Macrocycles into Polymeric Architectures Including an Unprecedented Quadruple Helical Aperiodic Structure. Crystal Growth and Design, 2016, 16, 1805-1811.	1.4	7
123	Heterotrimetallic sandwich complexes supported by sulfonamido ligands. Inorganic Chemistry Frontiers, 2016, 3, 142-149.	3.0	7
124	A Trigold(I) Ketenylidene Cation. Organometallics, 2017, 36, 3171-3174.	1.1	7
125	Direct Structural Evidence of Molecular Packing Effects of Xylene Isomers Adsorbed in BIF-20. Crystal Growth and Design, 2018, 18, 2890-2898.	1.4	7
126	Characterization and Structural Analysis of Genkwanin, a Natural Product from Callicarpa americana. Crystals, 2019, 9, 491.	1.0	7

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127	Structural Consequences of the 1,2,3â€Triazole as an Amide Bioisostere in Analogues of the Cystic Fibrosis Drugs VXâ€809â€‰and VXâ€770. ChemMedChem, 2020, 15, 1720-1730.	1.6	7
128	Coinage metal tris(dialkylamido)imidophosphorane complexes as transmetallation reagents for cerium complexes. Dalton Transactions, 2020, 49, 5420-5423.	1.6	7
129	Castaneroxy A From the Leaves of Castanea sativa Inhibits Virulence in Staphylococcus aureus. Frontiers in Pharmacology, 2021, 12, 640179.	1.6	7
130	Hybrid Organic Lead Iodides: Role of Organic Cation Structure in Obtaining 1D Chains of Face-Sharing Octahedra vs 2D Perovskites. Chemistry of Materials, 2022, 34, 935-946.	3.2	7
131	Structurally Precise Two-Transition-Metal Water Oxidation Catalysts: Quantifying Adjacent 3d Metals by Synchrotron X-Radiation Anomalous Dispersion Scattering. Inorganic Chemistry, 2022, 61, 6252-6262.	1.9	7
132	Tetrakis(2,2â€²-bipyridine)tetra-Î¼3-hydroxo-di-Î¼-trifluoroacetato-tetracobalt(II) diiodide diacetonitrile monohydrate: a compound containing a tetranuclear `cubane'-type cobalt(II) core. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m637-m640.	0.2	6
133	An investigation of the electron density of a Jahnâ€“Teller-distorted Cr^{II}cation: the crystal structure and charge density of hexakis(acetonitrile-Î²N)chromium(II) bis(tetraphenylborate) acetonitrile disolvate. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 936-943.	0.2	6
134	Synthesis and charge density determination of 4,4-difluoro-3,5-diphenyl-4H-pyrazole and a hydrate derivative. Journal of Fluorine Chemistry, 2015, 173, 12-17.	0.9	6
135	Effects of Competitive Active-Site Ligand Binding on Proton- and Electron-Transfer Properties of the [Co4(H2O)2(PW9O34)2]10â^' Polyoxometalate Water Oxidation Catalyst. Journal of Cluster Science, 2017, 28, 839-852.	1.7	6
136	Synthesis and crystal structure of a novel camphor based thioacetal. Journal of Chemical Research, 2001, 2001, 405-408.	0.6	5
137	Synthesis and thermal behaviour of cyclopentadienylnickel(II) thiolato Schiff base complexes. Molecular structures of Ni(Î·5-C5H5)(PBu3)(SC6H4NC(H)C6H4C6H5) and Ni(Î·5-C5H5)(PBu3)(SC6H4NC(H)C6H4OC4H9). Journal of Organometallic Chemistry, 2001, 629, 171-181.	0.8	5
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