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	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
2	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
3	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
4	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
5	Chemoselective Oxyfunctionalization of Functionalized Benzylic Compounds with a Manganese Catalyst. Angewandte Chemie - International Edition, 2022, 61, .	7.2	14
6	Chemoselective Oxyfunctionalization of Functionalized Benzylic Compounds with a Manganese Catalyst. Angewandte Chemie, 2022, 134, .	1.6	0
7	Copper-Catalyzed Oxidation of Hydrazones to Diazo Compounds Using Oxygen as the Terminal Oxidant. ACS Catalysis, 2021, 11, 2676-2683.	5.5	22
8	Synthesis, Radiolabeling, and Biological Evaluation of the trans-Stereoisomers of 1-Amino-3-(fluoro-¹⁸F)-4-fluorocyclopentane-1-carboxylic Acid as PET Imaging Agents. ACS Pharmacology and Translational Science, 2021, 4, 1195-1203.	2.5	3
9	Castaneroxy A From the Leaves of Castanea sativa Inhibits Virulence in Staphylococcus aureus. Frontiers in Pharmacology, 2021, 12, 640179.	1.6	7
10	Synthesis of a Nickel(I) alkoxide and related cation equivalents. Polyhedron, 2021, 208, 115408.	1.0	2
11	Chalcogen-atom abstraction reactions of a Di-iron imidophosphorane complex. Chemical Communications, 2021, 57, 6664-6667.	2.2	8
12	Ligand-based control of nuclearity in (NHC)gold(<scp>i</scp>) sulfides. Dalton Transactions, 2021, 50, 15721-15729.	1.6	3
13	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
14	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
15	Mechanistic details of the cobalt-mediated dehydrogenative dimerization of aminoquinoline-directed benzamides. Chemical Science, 2020, 11, 6085-6096.	3.7	9
16	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
17	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
18	A trigold carbide cation stabilized as a labile pyridine adduct. Polyhedron, 2020, 181, 114464.	1.0	5

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19	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
20	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
21	Acridine Variations for Coordination Chemistry. Israel Journal of Chemistry, 2020, 60, 433-436.	1.0	0
22	Coinage metal tris(dialkylamido)imidophosphorane complexes as transmetallation reagents for cerium complexes. Dalton Transactions, 2020, 49, 5420-5423.	1.6	7
23	Two-Electron Oxidative Atom Transfer at a Homoleptic, Tetravalent Uranium Complex. Journal of the American Chemical Society, 2020, 142, 7368-7373.	6.6	24
24	Synthesis of a d1-titanium fluoride kagome lattice antiferromagnet. Nature Chemistry, 2020, 12, 691-696.	6.6	21
25	The Mechanism of Rhodium-Catalyzed Allylic Câ€“H Amination. Journal of the American Chemical Society, 2020, 142, 5842-5851.	6.6	53
26	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
27	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
28	Comparison of tetravalent cerium and terbium ions in a conserved, homoleptic imidophosphorane ligand field. Chemical Science, 2020, 11, 6149-6159.	3.7	33
29	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
30	Synthesis and Magneto-Structural Characterization of Yb₃(OH)₇SO₄Â·H₂O: a Frustrated Quantum Magnet with Tunable Stacking Disorder. Inorganic Chemistry, 2019, 58, 10417-10423.	1.9	4
31	Nitrosonium Reactivity of (NHC)Copper(I) Sulfide Complexes. Inorganic Chemistry, 2019, 58, 9592-9596.	1.9	12
32	Design, Isolation, and Spectroscopic Analysis of a Tetravalent Terbium Complex. Journal of the American Chemical Society, 2019, 141, 13222-13233.	6.6	80
33	Characterization and Structural Analysis of Genkwanin, a Natural Product from Callicarpa americana. Crystals, 2019, 9, 491.	1.0	7
34	Preorganized PSP Ligands Yield Monomeric Cu(I) Complexes with Subzeptomolar Cu(I) Dissociation Constants. Inorganic Chemistry, 2019, 58, 13631-13638.	1.9	8
35	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
36	Diethyl ether adducts of trivalent lanthanide iodides. Dalton Transactions, 2019, 48, 8030-8033.	1.6	16

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37	Synthesis of an Azaphosphatriptycene and Its Rhodium Carbonyl Complex. Organometallics, 2019, 38, 1868-1871.	1.1	14
38	Alkynylation of Pentose Derivatives with Stereochemical Fidelity: Implications for the Regioselectivity of Alkynyl Diol Cycloisomerizations to Cyclic Enol Ethers. Organic Letters, 2019, 21, 3295-3298.	2.4	1
39	(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
40	Homoleptic Imidophosphorane Stabilization of Tetravalent Cerium. Inorganic Chemistry, 2019, 58, 5289-5304.	1.9	40
41	Synthesis of homoleptic, divalent lanthanide (Sm, Eu) complexes via oxidative transmetallation. Dalton Transactions, 2019, 48, 16869-16872.	1.6	9
42	Synthesis, structure, and photoluminescence properties of lanthanide based metal organic frameworks and a cadmium coordination polymer derived from 2,2â€²-diamino-trans 4,4â€²-stilbenedicarboxylate. Inorganica Chimica Acta, 2018, 478, 243-249.	1.2	1
43	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
44	Site-Selective Carbene-Induced Câ€“H Functionalization Catalyzed by Dirhodium Tetrakis(triarylcyclopropanecarboxylate) Complexes. ACS Catalysis, 2018, 8, 678-682.	5.5	48
45	Photoinduced Cobalt(III)âˆ’Trifluoromethyl Bond Activation Enables Arene Câˆ’H Trifluoromethylation. Angewandte Chemie, 2018, 130, 1325-1329.	1.6	19
46	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
47	Coordination of Hydrogen Peroxide with Late-Transition-Metal Sulfonamido Complexes. Inorganic Chemistry, 2018, 57, 4841-4848.	1.9	12
48	Photoinduced Cobalt(III)âˆ’Trifluoromethyl Bond Activation Enables Arene Câˆ’H Trifluoromethylation. Angewandte Chemie - International Edition, 2018, 57, 1311-1315.	7.2	64
49	Speciation and Dynamics in the [Co₄V₂W₁₈O₆₈]^{10â€“}/Co(II)_{aq}/Co<sub>x</ Catalytic Water Oxidation System. ACS Catalysis, 2018, 8, 11952-11959.	5.5	19
50	Desymmetrization of cyclohexanes by site- and stereoselective Câ€“H functionalization. Nature, 2018, 564, 395-399.	13.7	100
51	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
52	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
53	An Examination of the Electron Densities in a Series of Tripodal Cobalt Complexes Bridged by Magnesium, Calcium, Strontium, and Barium â€. Crystals, 2018, 8, 234.	1.0	0
54	The crystal structure of a valinomycinâ€¢2Ca2+ complex and the multi-step solution equilibria in acetonitrile characterised by 1H NMR, UVâ€“Vis, and mass spectrometry. Supramolecular Chemistry, 2017, 29, 129-138.	1.5	2

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55	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
56	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
57	Stable Mono- and Dinuclear Organosilver Complexes. Organometallics, 2017, 36, 964-974.	1.1	31
58	Mesoporous stilbene-based lanthanide metal organic frameworks: synthesis, photoluminescence and radioluminescence characteristics. Dalton Transactions, 2017, 46, 491-500.	1.6	35
59	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
60	A Trigold(I) Ketenylidene Cation. Organometallics, 2017, 36, 3171-3174.	1.1	7
61	Site-selective and stereoselective functionalization of non-activated tertiary Câ€“H bonds. Nature, 2017, 551, 609-613.	13.7	239
62	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Secondâ€Sphere Hydrogen Bonding. Angewandte Chemie, 2016, 128, 12081-12085.	1.6	2
63	A hydrogen bonded Co(ii) coordination complex and a triply interpenetrating 3-D manganese(ii) coordination polymer from diaza crown ether with dibenzoate sidearms. CrystEngComm, 2016, 18, 2425-2436.	1.3	4
64	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
65	Site-selective and stereoselective functionalization of unactivated Câ€“H bonds. Nature, 2016, 533, 230-234.	13.7	313
66	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Secondâ€Sphere Hydrogen Bonding. Angewandte Chemie - International Edition, 2016, 55, 11902-11906.	7.2	20
67	The structure of a valinomycinâ€“hexaaquamagnesium trifluoromethanesulfonate compound. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 627-633.	0.2	0
68	Cu-based Polyoxometalate Catalyst for Efficient Catalytic Hydrogen Evolution. Inorganic Chemistry, 2016, 55, 6750-6758.	1.9	50
69	Bonding and Reactivity of a Dicopper(I) Î¼-Boryl Cation. Organometallics, 2016, 35, 71-74.	1.1	19
70	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
71	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
72	Heterotrimetallic sandwich complexes supported by sulfonamido ligands. Inorganic Chemistry Frontiers, 2016, 3, 142-149.	3.0	7

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73	Synthesis and Reactivity of New Copper(I) Hydride Dimers. Organometallics, 2016, 35, 613-616.	1.1	82
74	Syntheses, Structural Characterization, and Catalytic Properties of Di- and Trinickel Polyoxometalates. Inorganic Chemistry, 2016, 55, 461-466.	1.9	27
75	Heterolysis of Dihydrogen by Silver Alkoxides and Fluorides. Chemistry - A European Journal, 2015, 21, 10160-10169.	1.7	15
76	[{Ni₄(OH)₃AsO₄}₄(Bâ€Î±â€PW₉O₃₄)₄<su A New Polyoxometalate Structural Family with Catalytic Hydrogen Evolution Activity. Chemistry - A European Journal, 2015, 21, 17363-17370.	1.7	52
77	Complex three-dimensional lanthanide metalâ€"organic frameworks with variable coordination spheres based on pyrazine-2,3,5,6-tetracarboxylate. CrystEngComm, 2015, 17, 5377-5388.	1.3	4
78	An investigation of the electron density of a Jahnâ€"Teller-distorted Cr^{II}cation: the crystal structure and charge density of hexakis(acetonitrile-ÎºN)chromium(II) bis(tetraphenylborate) acetonitrile disolvate. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 936-943.	0.2	6
79	Hydrogen Peroxide Complex of Zinc. Journal of the American Chemical Society, 2015, 137, 14606-14609.	6.6	34
80	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
81	Chiral recognition and selection during the self-assembly process of protein-mimic macroanions. Nature Communications, 2015, 6, 6475.	5.8	66
82	A Layered Manganese(IV)-Containing Heteropolyvanadate with a 1:14 Stoichiometry. Inorganic Chemistry, 2015, 54, 10604-10609.	1.9	12
83	Redox-active TTF carboxylate as an axial bridging ligand for dirhenium metalâ€"metal bonded complexes. Inorganica Chimica Acta, 2015, 425, 233-238.	1.2	2
84	Heteroleptic titanium alkoxides as single-source precursors for MOCVD of micro-structured TiO2. Polyhedron, 2015, 85, 761-769.	1.0	3
85	catena-Poly[{Î¼₃-3,3â€²-[(1,7-dioxa-4,10-diazacyclododecane-4,10-diyl)bis(methylene)]dibenzoato}cobalt(II)]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m24-m24.	0.2	1
86	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
87	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
88	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
89	Dinuclear Î¼-fluoro cations of copper, silver and gold. Polyhedron, 2014, 84, 87-95.	1.0	47
90	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

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91	An Exceptionally Fast Homogeneous Carbon-Free Cobalt-Based Water Oxidation Catalyst. Journal of the American Chemical Society, 2014, 136, 9268-9271.	6.6	260
92	Visible-light-driven hydrogen evolution from water using a noble-metal-free polyoxometalate catalyst. Journal of Catalysis, 2013, 307, 48-54.	3.1	95
93	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
94	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
95	Bonding and Reactivity of a Î¼â€Hydrido Dicopper Cation. Angewandte Chemie - International Edition, 2013, 52, 12920-12923.	7.2	88
96	1,4,7-Triazacyclononane Ligands Bearing Tertiary Alkyl Nitrogen Substituents. Inorganic Chemistry, 2013, 52, 13282-13287.	1.9	17
97	Di- and Tri-Cobalt Silicotungstates: Synthesis, Characterization, and Stability Studies. Inorganic Chemistry, 2013, 52, 1018-1024.	1.9	15
98	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
99	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
100	A dinuclear silver hydride and an umpolung reaction of CO2. Chemical Science, 2013, 4, 3068.	3.7	60
101	Robust Affinity Standards for Cu(I) Biochemistry. Journal of the American Chemical Society, 2013, 135, 18549-18559.	6.6	65
102	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
103	Determination of the electron density in methyl (Â±)-(1S,2S,3R)-2-methyl-1,3-diphenylcyclopropanecarboxylate using refinements with X-ray scattering factors from wavefunction calculations of the whole molecule. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 910-914.	0.4	3
104	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
105	Synthesis of a Trigold Monocation: An Isolobal Analogue of [H₃]⁺. Angewandte Chemie - International Edition, 2012, 51, 12077-12080.	7.2	107
106	Another side of the oxazaphospholidine oxide chiral ortho-directing group. Organic and Biomolecular Chemistry, 2012, 10, 4036.	1.5	10
107	Convenient Syntheses of Benzo-Fluorinated Dibenz[b,f]azepines: Rearrangements of Isatins, Acridines, and Indoles. Organic Letters, 2011, 13, 5592-5595.	2.4	30
108	Unusual Hybrid Materials Prepared by the Oxidation of a Ketone. Crystal Growth and Design, 2011, 11, 3013-3019.	1.4	4

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109	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
110	Modular and predictable assembly of porous organic molecular crystals. Nature, 2011, 474, 367-371.	13.7	452
111	Onâ€"Off Porosity Switching in a Molecular Organic Solid. Angewandte Chemie - International Edition, 2011, 50, 749-753.	7.2	176
112	Cover Picture: On-Off Porosity Switching in a Molecular Organic Solid (Angew. Chem. Int. Ed. 3/2011). Angewandte Chemie - International Edition, 2011, 50, 555-555.	7.2	0
113	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
114	Back Cover: The Solid-State Structures of Dimethylzinc and Diethylzinc (Angew. Chem. Int. Ed. 49/2011). Angewandte Chemie - International Edition, 2011, 50, 11804-11804.	7.2	1
115	A Soft Porous Organic Cage Crystal with Complex Gas Sorption Behavior. Chemistry - A European Journal, 2011, 17, 10235-10240.	1.7	85
116	A Guest-Responsive Fluorescent 3D Microporous Metalâˆ'Organic Framework Derived from a Long-Lifetime Pyrene Core. Journal of the American Chemical Society, 2010, 132, 4119-4130.	6.6	456
117	A Versatile Catalyst for Reductive Amination by Transfer Hydrogenation. Angewandte Chemie - International Edition, 2010, 49, 7548-7552.	7.2	237
118	Synthesis and crystal structure of a neodymium coordination polymer with 2,6-anthraquinonedisulfonate. Particuology, 2010, 8, 221-224.	2.0	4
119	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
120	Triply interlocked covalent organic cages. Nature Chemistry, 2010, 2, 750-755.	6.6	230
121	Nanoporous Amino Acid Derived Material Formed via In-Situ Dimerization of Aspartic Acid. Crystal Growth and Design, 2010, 10, 2977-2982.	1.4	17
122	High Surface Area Contorted Conjugated Microporous Polymers Based on Spiro-Bipropylenedioxythiophene. Macromolecules, 2010, 43, 7577-7582.	2.2	112
123	A Metalâˆ'Organic Framework with a Covalently Prefabricated Porous Organic Linker. Journal of the American Chemical Society, 2010, 132, 12773-12775.	6.6	88
124	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
125	The delicate balance between gelation and crystallisation: structural and computational investigations. Soft Matter, 2010, 6, 4144.	1.2	121
126	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

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127	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
128	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
129	Porous organic cages. Nature Materials, 2009, 8, 973-978.	13.3	984
130	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
131	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
132	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
133	[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
134	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
135	Control of Porosity Geometry in Amino Acid Derived Nanoporous Materials. Chemistry - A European Journal, 2008, 14, 4521-4532.	1.7	81
136	A Multilateral Mechanistic Study into Asymmetric Transfer Hydrogenation in Water. Chemistry - A European Journal, 2008, 14, 7699-7715.	1.7	194
137	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
138	Chiral IIâˆ'VI Semiconductor Nanostructure Superlattices Based on an Amino Acid Ligand. Inorganic Chemistry, 2008, 47, 9390-9399.	1.9	40
139	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
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