

# John Bacsa

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
163	Hybrid Organic Lead Iodides: Role of Organic Cation Structure in Obtaining 1D Chains of Face-Sharing Octahedra vs 2D Perovskites. <i>Chemistry of Materials</i> , <b>2022</b> , 34, 935-946	9.6	2
162	Ligand-based control of nuclearity in (NHC)gold(I) sulfides. <i>Dalton Transactions</i> , <b>2021</b> , 50, 15721-15729	4.3	0
161	Synthesis, Radiolabeling, and Biological Evaluation of the $\alpha$ -Stereoisomers of 1-Amino-3-(Fluoro-F)-4-fluorocyclopentane-1-carboxylic Acid as PET Imaging Agents. <i>ACS Pharmacology and Translational Science</i> , <b>2021</b> , 4, 1195-1203	5.9	0
160	Castaneroxy A From the Leaves of Inhibits Virulence in. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 640179	5.6	3
159	Copper-Catalyzed Oxidation of Hydrazones to Diazo Compounds Using Oxygen as the Terminal Oxidant. <i>ACS Catalysis</i> , <b>2021</b> , 11, 2676-2683	13.1	4
158	Synthesis of a Nickel(II) alkoxide and related cation equivalents. <i>Polyhedron</i> , <b>2021</b> , 208, 115408	2.7	0
157	Chalcogen-atom abstraction reactions of a Di-iron imidophosphorane complex. <i>Chemical Communications</i> , <b>2021</b> , 57, 6664-6667	5.8	0
156	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
155	Structural Diversity in 2,2 $\lambda$ [Naphthalene-1,8:4,5-bis(dicarboximide)- $\lambda$ diyl]-bis(ethylammonium) Iodopluumbates. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8070-8080	5.1	9
154	Structural Consequences of the 1,2,3-Triazole as an Amide Bioisostere in Analogues of the Cystic Fibrosis Drugs VX-809 and VX-770. <i>ChemMedChem</i> , <b>2020</b> , 15, 1720-1730	3.7	4
153	A trigold carbide cation stabilized as a labile pyridine adduct. <i>Polyhedron</i> , <b>2020</b> , 181, 114464	2.7	3
152	Exciton-band tuning induced by the width of the cation in 2D lead iodide perovskite hybrids. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 2023-2028	7.8	4
151	Discovery of Dihydropyrrolo[1,2- <i>b</i> ]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
150	Acridine Variations for Coordination Chemistry. <i>Israel Journal of Chemistry</i> , <b>2020</b> , 60, 433-436	3.4	
149	Coinage metal tris(dialkylamido)imidophosphorane complexes as transmetallation reagents for cerium complexes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5420-5423	4.3	2
148	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

147	Synthesis of a d-titanium fluoride kagome lattice antiferromagnet. <i>Nature Chemistry</i> , <b>2020</b> , 12, 691-696	17.6	14
146	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
145	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
144	Comparison of tetravalent cerium and terbium ions in a conserved, homoleptic imidophosphorane ligand field. <i>Chemical Science</i> , <b>2020</b> , 11, 6149-6159	9.4	15
143	Synthesis, Radiolabeling, and Biological Evaluation of the Stereoisomers of 1-Amino-3-Fluoro-4-(fluoro-)Cyclopentane-1-Carboxylic Acid as PET Imaging Agents. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 12008-12022	8.3	1
142	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
141	Tuning the Structures of Metal-Organic Frameworks via a Mixed-Linker Strategy for Ethylene/Ethane Kinetic Separation. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 3715-3722	9.6	19
140	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
139	Rh(III) and Ir(III)Cp* Complexes Provide Complementary Regioselectivity Profiles in Intermolecular Allylic C-H Amidation Reactions. <i>ACS Catalysis</i> , <b>2019</b> , 9, 5474-5479	13.1	52
138	Diethyl ether adducts of trivalent lanthanide iodides. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8030-8033	4.3	8
137	Synthesis of an Azaphosphatriptycene and Its Rhodium Carbonyl Complex. <i>Organometallics</i> , <b>2019</b> , 38, 1868-1871	3.8	8
136	Alkynylation of Pentose Derivatives with Stereochemical Fidelity: Implications for the Regioselectivity of Alkynyl Diol Cycloisomerizations to Cyclic Enol Ethers. <i>Organic Letters</i> , <b>2019</b> , 21, 3295-3298 <sup>1</sup>	6.2	1
135	(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
134	Homoleptic Imidophosphorane Stabilization of Tetravalent Cerium. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 5289-5304	5.3	28
133	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
132	Synthesis and Magneto-Structural Characterization of Yb(OH)SO <sub>4</sub> ·HO: a Frustrated Quantum Magnet with Tunable Stacking Disorder. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 10417-10423	5.1	1
131	Nitrosonium Reactivity of (NHC)Copper(I) Sulfide Complexes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9592-9596	5.1	11
130	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

129	Characterization and Structural Analysis of Genkwanin, a Natural Product from <i>Callicarpa americana</i> . <i>Crystals</i> , <b>2019</b> , 9, 491	2.3	1
128	Synthesis of homoleptic, divalent lanthanide (Sm, Eu) complexes via oxidative transmetallation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16869-16872	4.3	5
127	Synthesis, structure, and photoluminescence properties of lanthanide based metal organic frameworks and a cadmium coordination polymer derived from 2,2'-diamino-trans 4,4'-stilbenedicarboxylate. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 478, 243-249	2.7	1
126	Shedding Light on the Protonation States and Location of Protonated N Atoms of Adenine in Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 1888-1900	5.1	16
125	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
124	Photoinduced Cobalt(III)-Trifluoromethyl Bond Activation Enables Arene C-H Trifluoromethylation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1325-1329	3.6	17
123	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
122	An Examination of the Electron Densities in a Series of Tripodal Cobalt Complexes Bridged by Magnesium, Calcium, Strontium, and Barium. <i>Crystals</i> , <b>2018</b> , 8, 234	2.3	
121	Coordination of Hydrogen Peroxide with Late-Transition-Metal Sulfonamido Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 4841-4848	5.1	9
120	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
119	Speciation and Dynamics in the [Co <sub>4</sub> V <sub>2</sub> W <sub>18</sub> O <sub>68</sub> ] <sub>10</sub> /Co(II)aq/CoOx Catalytic Water Oxidation System. <i>ACS Catalysis</i> , <b>2018</b> , 8, 11952-11959	13.1	13
118	Desymmetrization of cyclohexanes by site- and stereoselective C-H functionalization. <i>Nature</i> , <b>2018</b> , 564, 395-399	50.4	61
117	Synthesis of Previously Inaccessible Derivatives of 1,4,7-Tri-R-1,4,7-Triazacyclononane, Including Chiral Examples, and a Rapid Synthesis of the HCl Salts of H <sub>3</sub> tacn and H <sub>4</sub> dtne. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 6876-6889	3.2	5
116	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
115	The crystal structure of a valinomycin-Ca <sup>2+</sup> complex and the multi-step solution equilibria in acetonitrile characterised by <sup>1</sup> H NMR, UV-Vis, and mass spectrometry. <i>Supramolecular Chemistry</i> , <b>2017</b> , 29, 129-138	1.8	1
114	The Structure-Activity Relationship of a Tetrahydroisoquinoline Class of N-Methyl-d-Aspartate Receptor Modulators that Potentiates GluN2B-Containing N-Methyl-d-Aspartate Receptors. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 5556-5585	8.3	14
113	Effects of Competitive Active-Site Ligand Binding on Proton- and Electron-Transfer Properties of the [Co <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (PW <sub>9</sub> O <sub>34</sub> ) <sub>2</sub> ] <sub>10</sub> Polyoxometalate Water Oxidation Catalyst. <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 839-852	3	4
112	Stable Mono- and Dinuclear Organosilver Complexes. <i>Organometallics</i> , <b>2017</b> , 36, 964-974	3.8	25

111	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
110	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
109	A Trigold(I) Ketenylidene Cation. <i>Organometallics</i> , <b>2017</b> , 36, 3171-3174	3.8	3
108	Site-selective and stereoselective functionalization of non-activated tertiary C-H bonds. <i>Nature</i> , <b>2017</b> , 551, 609-613	50.4	173
107	Syntheses, Structural Characterization, and Catalytic Properties of Di- and Trinickel Polyoxometalates. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 461-6	5.1	22
106	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Second-Sphere Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11902-6	16.4	17
105	The structure of a valinomycin-hexaaquamagnesium trifluoromethanesulfonate compound. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2016</b> , 72, 627-33	0.8	
104	Cu-based Polyoxometalate Catalyst for Efficient Catalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6750-8	5.1	34
103	Bonding and Reactivity of a Dicopper(I) $\eta^2$ -Boryl Cation. <i>Organometallics</i> , <b>2016</b> , 35, 71-74	3.8	15
102	Synthesis and Catalytic Reactivity of a Dicopper(II) $\eta^2$ : $\eta^2$ -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
101	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
100	Heterotrimetallic sandwich complexes supported by sulfonamido ligands. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 142-149	6.8	6
99	Synthesis and Reactivity of New Copper(I) Hydride Dimers. <i>Organometallics</i> , <b>2016</b> , 35, 613-616	3.8	62
98	Hydrogen Peroxide Coordination to Cobalt(II) Facilitated by Second-Sphere Hydrogen Bonding. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12081-12085	3.6	1
97	A hydrogen bonded Co(II) coordination complex and a triply interpenetrating 3-D manganese(II) coordination polymer from diaza crown ether with dibenzoate sidearms. <i>CrystEngComm</i> , <b>2016</b> , 18, 2425-2436	3.3	4
96	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
95	Site-selective and stereoselective functionalization of unactivated C-H bonds. <i>Nature</i> , <b>2016</b> , 533, 230-4	50.4	220
94	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

93	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
92	A Layered Manganese(IV)-Containing Heteropolyvanadate with a 1:14 Stoichiometry. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 10604-9	5.1	9
91	Redox-active TTF carboxylate as an axial bridging ligand for dirhenium metal-metal bonded complexes. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 425, 233-238	2.7	2
90	Heteroleptic titanium alkoxides as single-source precursors for MOCVD of micro-structured TiO <sub>2</sub> . <i>Polyhedron</i> , <b>2015</b> , 85, 761-769	2.7	2
89	Heterolysis of Dihydrogen by Silver Alkoxides and Fluorides. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 10160-9	4.8	13
88	[{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 <sup>-</sup> ): 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
87	Complex three-dimensional lanthanide metal-organic frameworks with variable coordination spheres based on pyrazine-2,3,5,6-tetracarboxylate. <i>CrystEngComm</i> , <b>2015</b> , 17, 5377-5388	3.3	3
86	An investigation of the electron density of a Jahn-Teller-distorted Cr(II) cation: the crystal structure and charge density of hexakis(acetonitrile- $\kappa$ -N)chromium(II) bis(tetraphenylborate) acetonitrile disolvate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 936-43	0.8	5
85	Hydrogen Peroxide Complex of Zinc. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 14606-9	16.4	27
84	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
83	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
82	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
81	Dinuclear Fluoro cations of copper, silver and gold. <i>Polyhedron</i> , <b>2014</b> , 84, 87-95	2.7	42
80	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
79	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
78	catena-Poly[ $\beta$ -3,3 $\kappa$ [(1,7-dioxa-4,10-di-aza-cyclo-dodecane-4,10-di-yl)bis-(methyl-ene)]dibenzoato}cobalt(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, m24		1
77	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
76	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, 6434-53	8.3	39

75	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
74	Bonding and reactivity of a $\mu$ -hydrido dicopper cation. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12920-3	16.4	79
73	1,4,7-Triazacyclononane ligands bearing tertiary alkyl nitrogen substituents. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 13282-7	5.1	12
72	Di- and tri-cobalt silicotungstates: synthesis, characterization, and stability studies. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1018-24	5.1	14
71	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
70	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
69	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
68	Robust affinity standards for Cu(I) biochemistry. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18549-59	16.4	49
67	Novel Layered 2D and Triply Interpenetrating 3D Cobalt-Functionalized Diaza-12-crown Based Coordination Polymers: Synthesis, Structure, and Magnetic Properties. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 1131-1139	3.5	17
66	Determination of the electron density in methyl ( $\oplus$ )-(1S,2S,3R)-2-methyl-1,3-diphenylcyclopropanecarboxylate using refinements with X-ray scattering factors from wavefunction calculations of the whole molecule. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2013</b> , 69, 910-4		3
65	Bonding and Reactivity of a $\mu$ -Hydrido Dicopper Cation. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13158-13161	3.6	29
64	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
63	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	3.6	24
62	Innenrücktitelbild: Synthesis of a Trigold Monocation: An Isolobal Analogue of [H <sub>3</sub> ] <sup>+</sup> (Angew. Chem. 48/2012). <i>Angewandte Chemie</i> , <b>2012</b> , 124, 12299-12299	3.6	
61	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
60	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
59	Modular and predictable assembly of porous organic molecular crystals. <i>Nature</i> , <b>2011</b> , 474, 367-71	50.4	396
58	On-off porosity switching in a molecular organic solid. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 749-53	16.4	153

57	Cover Picture: On-Off Porosity Switching in a Molecular Organic Solid (Angew. Chem. Int. Ed. 3/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 555-555	16.4	
56	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
55	Back Cover: The Solid-State Structures of Dimethylzinc and Diethylzinc (Angew. Chem. Int. Ed. 4/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11804-11804	16.4	1
54	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
53	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
52	Unusual Hybrid Materials Prepared by the Oxidation of a Ketone. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 3013-3019	3.5	3
51	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
50	Triply interlocked covalent organic cages. <i>Nature Chemistry</i> , <b>2010</b> , 2, 750-5	17.6	191
49	Nanoporous Amino Acid Derived Material Formed via In-Situ Dimerization of Aspartic Acid. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 2977-2982	3.5	14
48	High Surface Area Contorted Conjugated Microporous Polymers Based on Spiro-Bipropylenedioxythiophene. <i>Macromolecules</i> , <b>2010</b> , 43, 7577-7582	5.5	99
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