Xian-hui Bu

List of Publications by Year
in descending order

		2962	8212
303 papers	28,100 citations	96 h-index	153 g-index
346 all docs	346 docs citations	346 times ranked	17360 citing authors

#	Article	IF	Citations
1	Atomically precise metal chalcogenide supertetrahedral clusters: frameworks to molecules, and structure to function. National Science Review, 2022, 9, nwab076.	4.6	34
2	Simultaneous Control of Poreâ€Space Partition and Charge Distribution in Multiâ€Modular Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2022, 61, .	7.2	27
3	Electron Redistributed Sâ€Doped Nickel Iron Phosphides Derived from Oneâ€Step Phosphatization of MOFs for Significantly Boosting Electrochemical Water Splitting. Advanced Functional Materials, 2022, 32, .	7.8	93
4	Pore space partition of metal-organic frameworks for gas storage and separation. EnergyChem, 2022, 4, 100080.	10.1	35
5	Tunable Metalâ€“Organic Frameworks Based on 8â€Connected Metal Trimers for High Ethane Uptake. Small, 2021, 17, e2003167.	5.2	19
6	Selective Crystallization of Rareâ€Earth Ions into Cationic Metalâ€Organic Frameworks for Rareâ€Earth Separation. Angewandte Chemie - International Edition, 2021, 60, 11148-11152.	7.2	38
7	Selective Crystallization of Rareâ€Earth Ions into Cationic Metalâ€Organic Frameworks for Rareâ€Earth Separation. Angewandte Chemie, 2021, 133, 11248-11252.	1.6	4
8	Ultrahighâ€Uptake Capacityâ€Enabled Gas Separation and Fruit Preservation by a New Singleâ€Walled Nickelâ€“Organic Framework. Advanced Science, 2021, 8, 2003141.	5.6	38
9	ZIF-8 derived carbon materials with multifunctional selective adsorption abilities. Carbon, 2021, 176, 421-430.	5.4	30
10	Pore-Space Partition and Optimization for Propane-Selective High-Performance Propane/Propylene Separation. ACS Applied Materials & Interfaces, 2021, 13, 52160-52166.	4.0	50
11	Ultrastable High-Connected Chromium Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2021, 143, 14470-14474.	6.6	57
12	Transition metal-based bimetallic MOFs and MOF-derived catalysts for electrochemical oxygen evolution reaction. Energy and Environmental Science, 2021, 14, 1897-1927.	15.6	415
13	Crystalline Inorganic Materials From Supertetrahedral Chalcogenide Clusters. , 2021, , .		1
14	Bimetallic Rodâ€Packing Metalâ€“Organic Framework Combining Two Charged Forms of 2â€Hydroxyterephthalic Acid. Chemistry - A European Journal, 2020, 26, 11146-11149.	1.7	6
15	Metal Chalcogenide Supertetrahedral Clusters: Synthetic Control over Assembly, Dispersibility, and Their Functional Applications. Accounts of Chemical Research, 2020, 53, 2261-2272.	7.6	87
16	A Strategy for Constructing Poreâ€Spaceâ€Partitioned MOFs with High Uptake Capacity for C 2 Hydrocarbons and CO 2. Angewandte Chemie, 2020, 132, 19189-19192.	1.6	26
17	A Strategy for Constructing Poreâ€Spaceâ€Partitioned MOFs with High Uptake Capacity for C₂ Hydrocarbons and CO₂. Angewandte Chemie - International Edition, 2020, 59, 19027-19030.	7.2	77
18	Roles of Alkali Metals and Ionic Networks in Directing the Formation of Anionic Metalâ€“Organic Frameworks. Crystal Growth and Design, 2020, 20, 6668-6676.	1.4	7

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19	S-Doped Ni(OH)₂ nano-electrocatalyst confined in semiconductor zeolite with enhanced oxygen evolution activity. Journal of Materials Chemistry A, 2020, 8, 11255-11260.	5.2	31
20	Pore-Space-Partition-Enabled Exceptional Ethane Uptake and Ethane-Selective Ethaneâ€“Ethylene Separation. Journal of the American Chemical Society, 2020, 142, 2222-2227.	6.6	199
21	Isoreticular Three-Dimensional Kagome Metalâ€“Organic Frameworks with Open-Nitrogen-Donor Pillars for Selective Gas Adsorption. Crystal Growth and Design, 2020, 20, 3523-3530.	1.4	15
22	Ultramicroporous Building Units as a Path to Biâ€microporous Metalâ€“Organic Frameworks with High Acetylene Storage and Separation Performance. Angewandte Chemie, 2019, 131, 13724-13729.	1.6	46
23	Ultramicroporous Building Units as a Path to Biâ€microporous Metalâ€“Organic Frameworks with High Acetylene Storage and Separation Performance. Angewandte Chemie - International Edition, 2019, 58, 13590-13595.	7.2	173
24	From MOFâ€74â€Zn to Triazolateâ€Directed Nonsymmetric Assembly of Chiral Zn 6 @Zn 6 Clusters. Chemistry - A European Journal, 2019, 25, 10590-10593.	1.7	9
25	Lockâ€andâ€Key and Shapeâ€Memory Effects in an Unconventional Synthetic Path to Magnesium Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2019, 58, 11757-11762.	7.2	56
26	Biâ€Microporous Metalâ€“Organic Frameworks with Cubane [M₄(OH)₄] (M=Ni,) Tj ETQq0 0 0 rgBT /Overlock Chemie - International Edition, 2019, 58, 12185-12189.	7.2	350
27	Biâ€Microporous Metalâ€“Organic Frameworks with Cubane [M₄(OH)₄] (M=Ni,) Tj ETQq1 1 0.784314 rgBT / Chemie, 2019, 131, 12313-12317.	1.6	47
28	Lockâ€andâ€Key and Shapeâ€Memory Effects in an Unconventional Synthetic Path to Magnesium Metalâ€“Organic Frameworks. Angewandte Chemie, 2019, 131, 11883-11888.	1.6	10
29	Zeoliteâ€Type Metal Oxalate Frameworks. Angewandte Chemie, 2019, 131, 2915-2918.	1.6	4
30	Ligand Charge Separation To Build Highly Stable Quasi-Isomer of MOF-74-Zn. Journal of the American Chemical Society, 2019, 141, 9808-9812.	6.6	49
31	A Tale of Two Trimers from Two Different Worlds: A COFâ€Inspired Synthetic Strategy for Poreâ€Space Partitioning of MOFs. Angewandte Chemie - International Edition, 2019, 58, 6316-6320.	7.2	70
32	A Tale of Two Trimers from Two Different Worlds: A COFâ€Inspired Synthetic Strategy for Poreâ€Space Partitioning of MOFs. Angewandte Chemie, 2019, 131, 6382-6386.	1.6	14
33	Stable Hierarchical Bimetalâ€“Organic Nanostructures as HighPerformance Electrocatalysts for the Oxygen Evolution Reaction. Angewandte Chemie - International Edition, 2019, 58, 4227-4231.	7.2	430
34	Stable Hierarchical Bimetalâ€“Organic Nanostructures as HighPerformance Electrocatalysts for the Oxygen Evolution Reaction. Angewandte Chemie, 2019, 131, 4271-4275.	1.6	36
35	Solventâ€Free Synthesis of Zeolitic Imidazolate Frameworks and the Catalytic Properties of Their Carbon Materials. Chemistry - A European Journal, 2019, 25, 16358-16365.	1.7	23
36	Cooperativity by Multi-Metals Confined in Supertetrahedral Sulfide Nanoclusters To Enhance Electrocatalytic Hydrogen Evolution. Chemistry of Materials, 2019, 31, 553-559.	3.2	48

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37	Zeoliteâ€Type Metal Oxalate Frameworks. Angewandte Chemie - International Edition, 2019, 58, 2889-2892.	7.2	28
38	A Cooperative Pillarâ€“Template Strategy as a Generalized Synthetic Method for Flexible Homochiral Porous Frameworks. Angewandte Chemie, 2018, 130, 3799-3803.	1.6	8
39	A Cooperative Pillarâ€“Template Strategy as a Generalized Synthetic Method for Flexible Homochiral Porous Frameworks. Angewandte Chemie - International Edition, 2018, 57, 3737-3741.	7.2	29
40	Homoâ€Helical Rod Packing as a Path Toward the Highest Density of Guestâ€Binding Metal Sites in Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2018, 57, 6208-6211.	7.2	35
41	Highly Tunable Heterojunctions from Multimetallic Sulfide Nanoparticles and Silver Nanowires. Angewandte Chemie - International Edition, 2018, 57, 5374-5378.	7.2	57
42	Pushing up the Size Limit of Metal Chalcogenide Supertetrahedral Nanocluster. Journal of the American Chemical Society, 2018, 140, 888-891.	6.6	79
43	Homoâ€Helical Rod Packing as a Path Toward the Highest Density of Guestâ€Binding Metal Sites in Metalâ€“Organic Frameworks. Angewandte Chemie, 2018, 130, 6316-6319.	1.6	6
44	Ligand-Controlled Integration of Zn and Tb by Photoactive Terpyridyl-Functionalized Tricarboxylates as Highly Selective and Sensitive Sensors for Nitrofurans. Inorganic Chemistry, 2018, 57, 3833-3839.	1.9	60
45	<i>In situ</i> synthesis of nâ€“n Bi₂MoO₆ & Bi₂S₃ heterojunctions for highly efficient photocatalytic removal of Cr(<scp>vi</scp>). Journal of Materials Chemistry A, 2018, 6, 22580-22589.	5.2	200
46	A new strategy for constructing a disulfide-functionalized ZIF-8 analogue using structure-directing ligandâ€“ligand covalent interaction. Chemical Communications, 2018, 54, 12109-12112.	2.2	31
47	Enabling Homochirality and Hydrothermal Stability in Zn₄O-Based Porous Crystals. Journal of the American Chemical Society, 2018, 140, 13566-13569.	6.6	33
48	Chiral Isocamphoric Acid: Founding a Large Family of Homochiral Porous Materials. Angewandte Chemie, 2018, 130, 7219-7223.	1.6	6
49	Chiral Isocamphoric Acid: Founding a Large Family of Homochiral Porous Materials. Angewandte Chemie - International Edition, 2018, 57, 7101-7105.	7.2	35
50	Metalâ€“Organic Frameworks for Separation. Advanced Materials, 2018, 30, e1705189.	11.1	835
51	Chargeâ€and Sizeâ€Complementary Multimetalâ€Induced Morphology and Phase Control in Zeoliteâ€Type Metal Chalcogenides. Chemistry - A European Journal, 2018, 24, 10812-10819.	1.7	10
52	Tunable MoS₂/SnO₂ Pâ€“N Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. ACS Sustainable Chemistry and Engineering, 2018, 6, 12375-12384.	3.2	151
53	Highly Tunable Heterojunctions from Multimetallic Sulfide Nanoparticles and Silver Nanowires. Angewandte Chemie, 2018, 130, 5472-5476.	1.6	4
54	Acid and Base Resistant Zirconium Polyphenolateâ€Metalloporphyrin Scaffolds for Efficient CO₂ Photoreduction. Advanced Materials, 2018, 30, 1704388.	11.1	184

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55	Pore Space Partition in Metalâ€“Organic Frameworks. Accounts of Chemical Research, 2017, 50, 407-417.	7.6	423
56	Anionic Lanthanide MOFs as a Platform for Iron-Selective Sensing, Systematic Color Tuning, and Efficient Nanoparticle Catalysis. Inorganic Chemistry, 2017, 56, 1402-1411.	1.9	157
57	Ag-NPs embedded in two novel Zn₃/Zn₅-cluster-based metalâ€“organic frameworks for catalytic reduction of 2/3/4-nitrophenol. Dalton Transactions, 2017, 46, 2430-2438.	1.6	49
58	Multitopic ligand directed assembly of low-dimensional metal-chalcogenide organic frameworks. Dalton Transactions, 2017, 46, 1481-1486.	1.6	5
59	Porphyrinic coordination lattices with fluoropillars. Journal of Materials Chemistry A, 2017, 5, 21189-21195.	5.2	26
60	RÃ¼cktitelbild: Surfactantâ€Assisted Phaseâ€Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction (Angew. Chem. 42/2017). Angewandte Chemie, 2017, 129, 13332-13332.	1.6	0
61	A heterometallic sodiumâ€“europium-cluster-based metalâ€“organic framework as a versatile and water-stable chemosensor for antibiotics and explosives. Journal of Materials Chemistry C, 2017, 5, 8469-8474.	2.7	168
62	Surfactantâ€Assisted Phaseâ€Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2017, 56, 13001-13005.	7.2	334
63	Surfactantâ€Assisted Phaseâ€Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction. Angewandte Chemie, 2017, 129, 13181-13185.	1.6	58
64	Selective Ion Exchange and Photocatalysis by Zeoliteâ€Like Semiconducting Chalcogenide. Chemistry - A European Journal, 2017, 23, 11913-11919.	1.7	25
65	Cation-Exchanged Zeolitic Chalcogenides for CO₂ Adsorption. Inorganic Chemistry, 2017, 56, 14999-15005.	1.9	44
66	Integrating Zeolite-Type Chalcogenide with Titanium Dioxide Nanowires for Enhanced Photoelectrochemical Activity. Langmuir, 2017, 33, 13634-13639.	1.6	18
67	Efficient Gas-Sensing for Formaldehyde with 3D Hierarchical Co₃O₄ Derived from Co₅-Based MOF Microcrystals. Inorganic Chemistry, 2017, 56, 14111-14117.	1.9	81
68	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anionâ€Exchange Encapsulation of Nucleotides and Coenzymes. Angewandte Chemie - International Edition, 2016, 55, 2768-2772.	7.2	116
69	Improving Photoluminescence Emission Efficiency of Nanocluster-Based Materials by in Situ Doping Synthetic Strategy. Journal of Physical Chemistry C, 2016, 120, 29390-29396.	1.5	24
70	An ultra-tunable platform for molecular engineering of high-performance crystalline porous materials. Nature Communications, 2016, 7, 13645.	5.8	205
71	Chiral chemistry of metalâ€“camphorate frameworks. Chemical Society Reviews, 2016, 45, 3122-3144.	18.7	229
72	Organization of Lithium Cubane Clusters into Three-Dimensional Porous Frameworks by Self-Penetration and Self-Polymerization. Crystal Growth and Design, 2016, 16, 6531-6536.	1.4	11

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73	Hexagonal@Cubic CdS Core@Shell Nanorod Photocatalyst for Highly Active Production of H₂ with Unprecedented Stability. Advanced Materials, 2016, 28, 8906-8911.	11.1	271
74	A lanthanide complex for metal encapsulations and anion exchanges. Chemical Communications, 2016, 52, 10125-10128.	2.2	45
75	Highly Selective and Rapid Uptake of Radionuclide Cesium Based on Robust Zeolitic Chalcogenide via Stepwise Ion-Exchange Strategy. Chemistry of Materials, 2016, 28, 8774-8780.	3.2	126
76	Multivariable Modular Design of Pore Space Partition. Journal of the American Chemical Society, 2016, 138, 15102-15105.	6.6	132
77	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anionâ€Exchange Encapsulation of Nucleotides and Coenzymes. Angewandte Chemie, 2016, 128, 2818-2822.	1.6	20
78	Advancing Magnesiumâ€“Organic Porous Materials through New Magnesium Cluster Chemistry. Crystal Growth and Design, 2016, 16, 1261-1267.	1.4	33
79	Systematic and Dramatic Tuning on Gas Sorption Performance in Heterometallic Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2016, 138, 2524-2527.	6.6	290
80	Highly effective nanosegregation of dual dopants in a micron-sized nanocluster-based semiconductor molecular single crystal for targeting white-light emission. Journal of Materials Chemistry C, 2016, 4, 1645-1650.	2.7	19
81	Cooperative Crystallization of Heterometallic Indiumâ€“Chromium Metalâ€“Organic Polyhedra and Their Fast Proton Conductivity. Angewandte Chemie - International Edition, 2015, 54, 7886-7890.	7.2	141
82	Cooperative Crystallization of Heterometallic Indiumâ€“Chromium Metalâ€“Organic Polyhedra and Their Fast Proton Conductivity. Angewandte Chemie, 2015, 127, 7997-8001.	1.6	26
83	MIL-100 derived nitrogen-embodied carbon shells embedded with iron nanoparticles. Nanoscale, 2015, 7, 10817-10822.	2.8	40
84	Comparative Study of In Situ and Presynthesized X-Pillar Ligand in Self-Assembly of Homochiral Porous Frameworks. Crystal Growth and Design, 2015, 15, 5939-5944.	1.4	17
85	Pore Space Partition by Symmetry-Matching Regulated Ligand Insertion and Dramatic Tuning on Carbon Dioxide Uptake. Journal of the American Chemical Society, 2015, 137, 1396-1399.	6.6	284
86	From cage-in-cage MOF to N-doped and Co-nanoparticle-embedded carbon for oxygen reduction reaction. Dalton Transactions, 2015, 44, 6748-6754.	1.6	80
87	Heterometalâ€Embedded Organic Conjugate Frameworks from Alternating Monomeric Iron and Cobalt Metalloporphyrins and Their Application in Design of Porous Carbon Catalysts. Advanced Materials, 2015, 27, 3431-3436.	11.1	231
88	Mimicking High-Silica Zeolites: Highly Stable Germanium- and Tin-Rich Zeolite-Type Chalcogenides. Journal of the American Chemical Society, 2015, 137, 6184-6187.	6.6	123
89	Charge-Complementary-Ligands Directed Assembly of a Lithium Dimer into a Three-Dimensional Porous Framework. Crystal Growth and Design, 2015, 15, 2550-2554.	1.4	10
90	Design of Pore Size and Functionality in Pillar-Layered Zn-Triazolate-Dicarboxylate Frameworks and Their High CO₂/CH₄ and C2 Hydrocarbons/CH₄ Selectivity. Inorganic Chemistry, 2015, 54, 9862-9868.	1.9	82

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91	Charge-tunable indiumâ€“organic frameworks built from cationic, anionic, and neutral building blocks. Dalton Transactions, 2015, 44, 16671-16674.	1.6	40
92	Polymorphic Graphene-like Cuprous Germanosulfides with a High Cu-to-Ge Ratio and Low Band Gap. Inorganic Chemistry, 2014, 53, 13207-13211.	1.9	12
93	Visibleâ€Lightâ€Driven, Tunable, Photoelectrochemical Performance of a Series of Metalâ€Chelate, Dyeâ€Organized, Crystalline, CdS Nanoclusters. Chemistry - A European Journal, 2014, 20, 8297-8301.	1.7	21
94	Direct Observation of Two Types of Proton Conduction Tunnels Coexisting in a New Porous Indiumâ€“Organic Framework. Chemistry of Materials, 2014, 26, 2492-2495.	3.2	107
95	New Lithium Ion Clusters for Construction of Porous MOFs. Crystal Growth and Design, 2014, 14, 897-900.	1.4	38
96	Anion Stripping as a General Method to Create Cationic Porous Framework with Mobile Anions. Journal of the American Chemical Society, 2014, 136, 7579-7582.	6.6	97
97	Efficient oxygen reduction by nanocomposites of heterometallic carbide and nitrogen-enriched carbon derived from the cobalt-encapsulated indiumâ€“MOF. Chemical Communications, 2014, 50, 15619-15622.	2.2	89
98	An infinite square lattice of super-supertetrahedral T6-like tin oxyselenide clusters. Chemical Communications, 2014, 50, 4044.	2.2	35
99	Atomically Precise Doping of Monomanganese Ion into Coreless Supertetrahedral Chalcogenide Nanocluster Inducing Unusual Red Shift in Mn²⁺ Emission. Journal of the American Chemical Society, 2014, 136, 4769-4779.	6.6	150
100	Size-Selective Crystallization of Homochiral Camphorate Metalâ€“Organic Frameworks for Lanthanide Separation. Journal of the American Chemical Society, 2014, 136, 12572-12575.	6.6	138
101	Zeolitic BIF Crystal Directly Producing Noble-Metal Nanoparticles in Its Pores for Catalysis. Scientific Reports, 2014, 4, 3923.	1.6	48
102	Selective anion exchange with nanogated isoreticular positive metal-organic frameworks. Nature Communications, 2013, 4, 2344.	5.8	336
103	Perfect Statistical Symmetrization of a Heterofunctional Ligand Induced by Pseudo-Copper Trimer in an Expanded Matrix of HKUST-1. Crystal Growth and Design, 2013, 13, 5175-5178.	1.4	5
104	Coassembly between the Largest and Smallest Metal Chalcogenide Supertetrahedral Clusters. Inorganic Chemistry, 2013, 52, 2259-2261.	1.9	36
105	Crystalline Inorganic Frameworks with 56-Ring, 64-Ring, and 72-Ring Channels. Science, 2013, 339, 811-813.	6.0	158
106	Entrapment of Metal Clusters in Metalâ€“Organic Framework Channels by Extended Hooks Anchored at Open Metal Sites. Journal of the American Chemical Society, 2013, 135, 10270-10273.	6.6	154
107	Monocopper Doping in Cd-In-S Supertetrahedral Nanocluster via Two-Step Strategy and Enhanced Photoelectric Response. Journal of the American Chemical Society, 2013, 135, 10250-10253.	6.6	117
108	Porous <i>ctn</i>â€Type Boron Imidazolate Framework for Gas Storage and Separation. Chemistry - A European Journal, 2013, 19, 11527-11530.	1.7	50

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109	A twelve-connected porous framework built from rare linear cadmium tricarboxylate pentamer. Dalton Transactions, 2012, 41, 3620.	1.6	20
110	Lithium cubane clusters as tetrahedral, square planar, and linear nodes for supramolecular assemblies. Dalton Transactions, 2012, 41, 3902-3905.	1.6	13
111	Induction of trimeric [Mg3(OH)(CO2)6] in a porous framework by a desymmetrized tritopic ligand. Dalton Transactions, 2012, 41, 2866.	1.6	45
112	Single-Walled Polytetrazolate Metalâ€“Organic Channels with High Density of Open Nitrogen-Donor Sites and Gas Uptake. Journal of the American Chemical Society, 2012, 134, 784-787.	6.6	169
113	Luminescent MTN-Type Clusterâ€“Organic Framework with 2.6 nm Cages. Journal of the American Chemical Society, 2012, 134, 17881-17884.	6.6	239
114	Zeolitic Boron Imidazolate Frameworks with 4â€Connected Octahedral Metal Centers. Chemistry - A European Journal, 2012, 18, 11876-11879.	1.7	38
115	Twoâ€Step Synthesis of a Novel Cd₁₇ Sulfide Cluster through Ionic Clusters. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2470-2472.	0.6	6
116	Generalized Synthesis of Zeolite-Type Metalâ€“Organic Frameworks Encapsulating Immobilized Transition-Metal Clusters. Journal of the American Chemical Society, 2012, 134, 11936-11939.	6.6	79
117	Mimicking Zeolite to Its Core: Porous Sodalite Cages as Hangers for Pendant Trimeric M₃(OH) Clusters (M = Mg, Mn, Co, Ni, Cd). Journal of the American Chemical Society, 2012, 134, 1934-1937.	6.6	126
118	High CO₂ and H₂ Uptake in an Anionic Porous Framework with Amino-Decorated Polyhedral Cages. Chemistry of Materials, 2012, 24, 2624-2626.	3.2	109
119	Development of Composite Inorganic Building Blocks for MOFs. Journal of the American Chemical Society, 2012, 134, 4517-4520.	6.6	222
120	Superbase Route to Supertetrahedral Chalcogenide Clusters. Journal of the American Chemical Society, 2012, 134, 3619-3622.	6.6	84
121	Two Zeoliteâ€Type Frameworks in One Metalâ€“Organic Framework with Zn₂₄@Zn₁₀₄ Cubeâ€inâ€Sodalite Architecture. Angewandte Chemie - International Edition, 2012, 51, 8538-8541.	7.2	62
122	Assembly of super-supertetrahedral metalâ€“organic clusters into a hierarchical porous cubic framework. Chemical Communications, 2012, 48, 7498.	2.2	37
123	Induction in urothermal synthesis of chiral porous materials from achiral precursors. Chemical Communications, 2011, 47, 4950.	2.2	80
124	A novel sandwich-type polyoxometalate compound with visible-light photocatalytic H2 evolution activity. Chemical Communications, 2011, 47, 3918.	2.2	81
125	A zeolitic porous lithiumâ€“organic framework constructed from cubane clusters. Chemical Communications, 2011, 47, 5536-5538.	2.2	65
126	A Large Indium Sulfide Supertetrahedral Cluster Built from Integration of ZnS-like Tetrahedral Shell with NaCl-like Octahedral Core. Journal of the American Chemical Society, 2011, 133, 15886-15889.	6.6	40

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127	Phase Selection and Site-Selective Distribution by Tin and Sulfur in Supertetrahedral Zinc Gallium Selenides. Journal of the American Chemical Society, 2011, 133, 9616-9625.	6.6	57
128	A chiral tetragonal magnesium-carboxylate framework with nanotubular channels. Chemical Communications, 2011, 47, 11852.	2.2	117
129	A Nine-Connected Mixed-Ligand Nickel-Organic Framework and Its Gas Sorption Properties. Crystal Growth and Design, 2011, 11, 3713-3716.	1.4	54
130	Interrupted Zeolite LTA and ATN-Type Boron Imidazolate Frameworks. Journal of the American Chemical Society, 2011, 133, 11884-11887.	6.6	134
131	Synthesis and Photocatalytic Properties of a New Heteropolyoxoniobate Compound: K₁₀[Nb₂O₂(H₂O)₂][SiNb₁₂O₄₀]Â·12H<su Journal of the American Chemical Society, 2011, 133, 6934-6937.	6.6	16
132	Synthesis, characterization, and cyclometalation studies of benzo[1,2-h: 5,4-hâ€²]diquinolines with palladium and platinum. Journal of Organometallic Chemistry, 2011, 696, 3992-3997.	0.8	5
133	A mixed ligand route for the construction of tetrahedrally coordinated porous lithium frameworks. Dalton Transactions, 2011, 40, 8072.	1.6	20
134	Threeâ€Dimensional Covalent Coâ€Assembly between Inorganic Supertetrahedral Clusters and Imidazolates. Angewandte Chemie - International Edition, 2011, 50, 2536-2539.	7.2	104
135	Cooperative Assembly of Threeâ€Ringâ€Based Zeoliteâ€Type Metalâ€“Organic Frameworks and Johnsonâ€Type Dodecahedra. Angewandte Chemie - International Edition, 2011, 50, 1849-1852.	7.2	128
136	Porous Indiumâ€“Organic Frameworks and Systematization of Structural Building Blocks. Angewandte Chemie - International Edition, 2011, 50, 8858-8862.	7.2	137
137	Multicomponent Selfâ€Assembly of a Nested Co₂₄@Co₄₈ Metalâ€“Organic Polyhedral Framework. Angewandte Chemie - International Edition, 2011, 50, 8034-8037.	7.2	105
138	Hydrogen-bonded boron imidazolate frameworks. Dalton Transactions, 2010, 39, 1702-1704.	1.6	14
139	Porous Lithium Imidazolate Frameworks Constructed with Chargeâ€Complementary Ligands. Chemistry - A European Journal, 2010, 16, 13035-13040.	1.7	66
140	A Tale of Three Carboxylates: Cooperative Asymmetric Crystallization of a Threeâ€Dimensional Microporous Framework from Achiral Precursors. Angewandte Chemie - International Edition, 2010, 49, 1267-1270.	7.2	172
141	Porous Metal Carboxylate Boron Imidazolate Frameworks. Angewandte Chemie - International Edition, 2010, 49, 5362-5366.	7.2	101
142	Urothermal Synthesis of Crystalline Porous Materials. Angewandte Chemie - International Edition, 2010, 49, 8876-8879.	7.2	179
143	Two new layered bimetallic sulfides: Solvothermal synthesis, crystal structure, optical and magnetic properties. Microporous and Mesoporous Materials, 2010, 132, 328-334.	2.2	23
144	Induction of chiral porous solids containing only achiral building blocks. Nature Chemistry, 2010, 2, 353-361.	6.6	522

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145	Zinc(II)-boron(III)-imidazolate framework (ZBIF) with unusual pentagonal channels prepared from deep eutectic solvent. Dalton Transactions, 2010, 39, 697-699.	1.6	50
146	Largest Molecular Clusters in the Supertetrahedral T<i>n</i> Series. Journal of the American Chemical Society, 2010, 132, 10823-10831.	6.6	102
147	Three-Dimensional Photoluminescent Frameworks Constructed from Size-Tunable CuI Clusters. Crystal Growth and Design, 2010, 10, 2047-2049.	1.4	72
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