

Zhangjing Zhang

List of Publications by Year in descending order

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137
papers

12,526
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22153

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times ranked

8280
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Isomerization in Cu(I) Clusters: Tracing the Cu Thermal Migration Paths and Unveiling the Structure-Dependent Photoluminescence. <i>CCS Chemistry</i> , 2023, 5, 350-360.	7.8	7
2	Two-dimensional Metal-organic Frameworks for Electrochemical CO ₂ Reduction Reaction. <i>ChemCatChem</i> , 2022, 14, .	3.7	17
3	Multifunctional anionic metal-organic frameworks enhancing stability of perovskite solar cells. <i>Chemical Engineering Journal</i> , 2022, 433, 133587.	12.7	11
4	Mixing halogens improves the passivation effects of amine halide on perovskite. <i>Electrochimica Acta</i> , 2022, 405, 139782.	5.2	2
5	In Situ Etching Strategy to Controllably Fabricate Single-Crystal Metal-organic Framework Microtubes. <i>Crystal Growth and Design</i> , 2022, 22, 1521-1527.	3.0	3
6	Single-phase proton- and electron-conducting Ag-organic coordination polymers for efficient CO ₂ electroreduction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3216-3225.	10.3	7
7	Amidinium sulfonate hydrogen-bonded organic framework with fluorescence amplification function for sensitive aniline detection. <i>Chinese Chemical Letters</i> , 2022, 33, 4317-4320.	9.0	18
8	Electrostatic force-driven lattice water bridging to stabilize a partially charged indium MOF for efficient separation of C ₂ H ₂ /CO ₂ mixtures. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9363-9369.	10.3	17
9	Two Water Stable Phosphate-Amidinium Based Hydrogen-Bonded Organic Framework with Proton Conduction. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2022, 648, .	1.2	5
10	Framework-Shrinkage-Induced Wavelength-Switchable Lasing from a Single Hydrogen-Bonded Organic Framework Microcrystal. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 130-135.	4.6	24
11	Hydrogen-Bonded Organic Frameworks: Functionalized Construction Strategy by Nitrogen-Containing Functional Group. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	20
12	A Microporous Hydrogen-Bonded Organic Framework for Efficient Xe/Kr Separation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19623-19628.	8.0	44
13	Switched Proton Conduction in Metal-organic Frameworks. <i>Jacs Au</i> , 2022, 2, 1043-1053.	7.9	30
14	Isorecticular Double Interpenetrating Copper-Pyrazolate-Carboxylate Frameworks for Efficient CO ₂ Capture. <i>Crystal Growth and Design</i> , 2022, 22, 3853-3861.	3.0	5
15	A photochromic NDI-based framework for the facile hydrazine sensor. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109497.	3.9	3
16	An Ultramicroporous Hydrogen-Bonded Organic Framework Exhibiting High C ₂ H ₂ /CO ₂ Separation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	48
17	High proton conductivity in metalloring-cluster based metal-organic nanotubes. <i>Nano Research</i> , 2021, 14, 387-391.	10.4	19
18	A microporous aluminum-based metal-organic framework for high methane, hydrogen, and carbon dioxide storage. <i>Nano Research</i> , 2021, 14, 507-511.	10.4	57

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19	Simultaneous defect passivation and hole mobility enhancement of perovskite solar cells by incorporating anionic metal-organic framework into hole transport materials. <i>Chemical Engineering Journal</i> , 2021, 408, 127328.	12.7	26
20	Controlled Shape Evolution of Pure MOF 1D Microcrystals towards Efficient Waveguide and Laser Applications. <i>Chemistry - A European Journal</i> , 2021, 27, 3297-3301.	3.3	14
21	Mitigation of vacancy with ammonium salt-trapped ZIF-8 capsules for stable perovskite solar cells through simultaneous compensation and loss inhibition. <i>Nanoscale Advances</i> , 2021, 3, 3554-3562.	4.6	13
22	Two Tb-metal organic frameworks with different metal cluster nodes for C ₂ H ₂ /CO ₂ separation. <i>Dalton Transactions</i> , 2021, 50, 4932-4935.	3.3	5
23	Dual-functional hydrogen-bonded organic frameworks for aniline and ultraviolet sensitive detection. <i>Chinese Chemical Letters</i> , 2021, 32, 3109-3112.	9.0	23
24	Lithium Sulfur Batteries: Metallic MoS ₂ Nanoflowers Decorated Graphene Nanosheet Catalytically Boosts the Volumetric Capacity and Cycle Life of Lithium Sulfur Batteries (Adv. Energy) Tj ETQq0 0 0 0 BT / Overlock 10 T	19.5	105
25	Separation and Purification of Xylene by Self-Assembly of a Tunable N ⁺ B Adduct. <i>Crystal Growth and Design</i> , 2021, 21, 3168-3174.	3.0	4
26	Threefold Collaborative Stabilization of Ag ₁₄ Nanorods by Hydrophobic Ti ₁₆ Oxo Clusters and Alkynes: Designable Assembly and Solid-State Optical Limiting Application. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12949-12954.	13.8	38
27	Triazine Based MOFs with Abundant N Sites for Selective Nitrobenzene Detection. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1301-1304.	1.2	13
28	Hydrogen-Bonded Organic Framework Microlasers with Conformation-Induced Color-Tunable Output. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28662-28667.	8.0	39
29	Ethylene/ethane separation in a stable hydrogen-bonded organic framework through a gating mechanism. <i>Nature Chemistry</i> , 2021, 13, 933-939.	13.6	235
30	Anhydrous Proton Conduction in Crystalline Porous Materials with a Wide Working Temperature Range. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41363-41371.	8.0	15
31	Achieving High Performance Metal-Organic Framework Materials through Pore Engineering. <i>Accounts of Chemical Research</i> , 2021, 54, 3362-3376.	15.6	158
32	Metallic MoS ₂ Nanoflowers Decorated Graphene Nanosheet Catalytically Boosts the Volumetric Capacity and Cycle Life of Lithium Sulfur Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003718.	19.5	105
33	Pore-space-partitioned MOF separator promotes high-sulfur-loading Li-S batteries with intensified rate capability and cycling life. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26929-26938.	10.3	27
34	Microporous polycarbazole frameworks with large conjugated π systems for cyclohexane separation from cyclohexane-containing mixtures. <i>New Journal of Chemistry</i> , 2021, 45, 22437-22443.	2.8	6
35	A microporous metal-organic framework with naphthalene diimide groups for high methane storage. <i>Dalton Transactions</i> , 2020, 49, 3658-3661.	3.3	31
36	MOFs-Derived Nano-CuO Modified Electrode as a Sensor for Determination of Hydrazine Hydrate in Aqueous Medium. <i>Sensors</i> , 2020, 20, 140.	3.8	13

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37	Design and applications of water-stable metal-organic frameworks: status and challenges. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213507.	18.8	138
38	Hydrogen-Bonded Organic Frameworks as a Tunable Platform for Functional Materials. <i>Journal of the American Chemical Society</i> , 2020, 142, 14399-14416.	13.7	444
39	LiO ₂ /GO Composites with Improved Electrochemical Properties for Effective Detection of Phosphite(P(III)) in Phosphate(P(V)) Buffer Solutions. <i>ChemistrySelect</i> , 2020, 5, 10855-10862.	1.5	2
40	Microporous Hydrogen-Bonded Organic Framework for Highly Efficient Turn-Up Fluorescent Sensing of Aniline. <i>Journal of the American Chemical Society</i> , 2020, 142, 12478-12485.	13.7	201
41	Isostructural MOFs with Higher Proton Conductivity for Improved Oxygen Evolution Reaction Performance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16367-16375.	8.0	28
42	Preparation and characterization of metal-organic frameworks and their composite Eu ₂ O ₃ @[Zn ₂ (bdc) ₂ dabco] (ZBDh) via pulsed laser ablation in a flowing liquid. <i>CrystEngComm</i> , 2020, 22, 3188-3197.	2.6	2
43	Metal-Organic Frameworks as a Versatile Platform for Proton Conductors. <i>Advanced Materials</i> , 2020, 32, e1907090.	21.0	255
44	Inserting V-Shaped Bidentate Partition Agent into MIL-88-Type Framework for Acetylene Separation from Acetylene-Containing Mixtures. <i>Crystal Growth and Design</i> , 2020, 20, 2099-2105.	3.0	17
45	Pure Metal-Organic Framework Microlasers with Controlled Cavity Shapes. <i>Nano Letters</i> , 2020, 20, 2020-2025.	9.1	31
46	Solvent-Assisted Modification to Enhance Proton Conductivity and Water Stability in Metal Phosphonates. <i>Inorganic Chemistry</i> , 2020, 59, 3518-3522.	4.0	29
47	A microporous metal-organic framework with basic sites for efficient C ₂ H ₂ /CO ₂ separation. <i>Journal of Solid State Chemistry</i> , 2020, 284, 121209.	2.9	13
48	Integrating the Pillared-Layer Strategy and Pore-Space Partition Method to Construct Multicomponent MOFs for C ₂ H ₂ /CO ₂ Separation. <i>Journal of the American Chemical Society</i> , 2020, 142, 9258-9266.	13.7	141
49	Metal organic frameworks composite Eu ₂ O ₃ @[Zn ₂ (1,4-ndc) ₂ dabco] synthesized by pulsed laser ablation in flowing liquid and its fluorescent sensing of fatty alcohol with different branch chains. <i>Optical Materials</i> , 2020, 105, 109886.	3.6	4
50	A novel mesoporous hydrogen-bonded organic framework with high porosity and stability. <i>Chemical Communications</i> , 2020, 56, 66-69.	4.1	76
51	Simultaneous implementation of resistive switching and rectifying effects in a metal-organic framework with switched hydrogen bond pathway. <i>Science Advances</i> , 2019, 5, eaaw4515.	10.3	90
52	Porous metal-organic frameworks for gas storage and separation: Status and challenges. <i>EnergyChem</i> , 2019, 1, 100006.	19.1	434
53	A metal organic cage with semi-rigid ligand for heterogeneous alcoholysis of epoxides. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107540.	3.9	8
54	Metal-Organic Framework with Rich Accessible Nitrogen Sites for Highly Efficient CO ₂ Capture and Separation. <i>Inorganic Chemistry</i> , 2019, 58, 7754-7759.	4.0	47

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55	Enhancement of Intrinsic Proton Conductivity and Aniline Sensitivity by Introducing Dye Molecules into the MOF Channel. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16490-16495.	8.0	65
56	Isomorphic MOF-derived porous carbon materials as electrochemical sensor for simultaneous determination of hydroquinone and catechol. <i>Journal of Applied Electrochemistry</i> , 2019, 49, 563-574.	2.9	17
57	Pore Space Partition within a Metal-Organic Framework for Highly Efficient C ₂ H ₂ /CO ₂ Separation. <i>Journal of the American Chemical Society</i> , 2019, 141, 4130-4136.	13.7	338
58	MOF/PAN nanofiber-derived N-doped porous carbon materials with excellent electrochemical activity for the simultaneous determination of catechol and hydroquinone. <i>New Journal of Chemistry</i> , 2019, 43, 3913-3920.	2.8	35
59	Microporous Metal-Organic Framework with Dual Functionalities for Efficient Separation of Acetylene from Light Hydrocarbon Mixtures. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4897-4902.	6.7	65
60	Steric-Hindrance-Controlled Laser Switch Based on Pure Metal-Organic Framework Microcrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 19959-19963.	13.7	57
61	Metallo Hydrogen-Bonded Organic Frameworks (MHOFs) as New Class of Crystalline Materials for Protonic Conduction. <i>Chemistry - A European Journal</i> , 2019, 25, 1691-1695.	3.3	92
62	MOF-derived binary mixed carbon/metal oxide porous materials for constructing simultaneous determination of hydroquinone and catechol sensor. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 81-89.	2.5	47
63	Sulfonated periodic-mesoporous-organosilicas column for selective separation of C ₂ H ₂ /CH ₄ mixtures. <i>Journal of Solid State Chemistry</i> , 2018, 264, 113-118.	2.9	12
64	Facile synthesis of oxidized activated carbons for high-selectivity and low-enthalpy CO ₂ capture from flue gas. <i>New Journal of Chemistry</i> , 2018, 42, 4495-4500.	2.8	7
65	Microporous metal-organic frameworks with open metal sites and π -Lewis acidic pore surfaces for recovering ethylene from polyethylene off-gas. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20822-20828.	10.3	30
66	Two water-stable lanthanide metal-organic frameworks with oxygen-rich channels for fluorescence sensing of Fe(III) ions in aqueous solution. <i>Dalton Transactions</i> , 2018, 47, 16190-16196.	3.3	101
67	Photochromic naphthalene diimide Cd-MOFs based on different second dicarboxylic acid ligands. <i>CrystEngComm</i> , 2018, 20, 7567-7573.	2.6	43
68	Robustness, Selective Gas Separation, and Nitrobenzene Sensing on Two Isomers of Cadmium Metal-Organic Frameworks Containing Various Metal-O Metal Chains. <i>Inorganic Chemistry</i> , 2018, 57, 12961-12968.	4.0	87
69	Thermal Conversion of MOF@MOF: Synthesis of an N-Doped Carbon Material with Excellent ORR Performance. <i>ChemPlusChem</i> , 2018, 83, 1044-1051.	2.8	18
70	An antiferromagnetic metallating pyrazolate (Pz) framework with [Cu ₁₂ ($\frac{1}{4}$ -OH) ₁₂ (Pz) ₁₂] nodes for separation of C ₂ H ₂ /CH ₄ mixture. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19681-19688.	10.3	21
71	A naphthalene diimide-based MOF with mog net featuring photochromic behaviors and high stability. <i>Inorganic Chemistry Communication</i> , 2018, 93, 105-109.	3.9	19
72	Mixed-Valence Cobalt(II/III) Metal-Organic Framework for Ammonia Sensing with Naked-Eye Color Switching. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27465-27471.	8.0	75

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73	Loading Acid-Base Pairs into Periodic Mesoporous Organosilica for High Anhydrous Proton Conductivity over a Wide Operating Temperature Window. <i>ACS Applied Energy Materials</i> , 2018, 1, 5068-5074.	5.1	31
74	Additive-Induced Supramolecular Isomerism and Enhancement of Robustness in Co(II)-Based MOFs for Efficiently Trapping Acetylene from Acetylene-Containing Mixtures. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30912-30918.	8.0	67
75	Enhanced Intrinsic Proton Conductivity of Metal-Organic Frameworks by Tuning the Degree of Interpenetration. <i>Crystal Growth and Design</i> , 2018, 18, 3724-3728.	3.0	62
76	Reversible Single-Crystal-to-Single-Crystal Transformation and Magnetic Change of Nonporous Copper(II) Complexes by the Chemisorption/Desorption of HCl and H ₂ O. <i>Inorganic Chemistry</i> , 2017, 56, 1036-1040.	4.0	35
77	Highly Selective Adsorption of C ₂ /C ₁ Mixtures and Solvent-Dependent Thermochromic Properties in Metal-Organic Frameworks Containing Infinite Copper-Halogen Chains. <i>Crystal Growth and Design</i> , 2017, 17, 2081-2089.	3.0	48
78	Rationally tuning host-guest interactions to free hydroxide ions within intertrimerically cuprophilic metal-organic frameworks for high OH ⁻ conductivity. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7816-7824.	10.3	71
79	A Cd(II) metal-organic framework based on semi-rigid ligand 3,5-(4-carboxybenzyloxy) benzoic acid with high stability by intramolecular hydrogen-bonding. <i>Inorganic Chemistry Communication</i> , 2017, 80, 49-52.	3.9	11
80	Straightforward Loading of Imidazole Molecules into Metal-Organic Framework for High Proton Conduction. <i>Journal of the American Chemical Society</i> , 2017, 139, 15604-15607.	13.7	290
81	A Facile Approach to Preparing Molecularly Imprinted Chitosan for Detecting 2,4,6-Tribromophenol with a Widely Linear Range. <i>Environments - MDPI</i> , 2017, 4, 30.	3.3	4
82	Direct Evidence of CO ₂ Capture under Low Partial Pressure on a Pillared Metal-Organic Framework with Improved Stabilization through Intramolecular Hydrogen Bonding. <i>ChemPlusChem</i> , 2016, 81, 850-856.	2.8	21
83	Extraordinary Separation of Acetylene-Containing Mixtures with Microporous Metal-Organic Frameworks with Open O Donor Sites and Tunable Robustness through Control of the Helical Chain Secondary Building Units. <i>Chemistry - A European Journal</i> , 2016, 22, 5676-5683.	3.3	113
84	A Hierarchically Porous Metal-Organic Framework from Semirigid Ligand for Gas Adsorption. <i>Chinese Journal of Chemistry</i> , 2016, 34, 215-219.	4.9	17
85	High proton conductivity in an unprecedented anionic metalloring organic framework (MROF) containing novel metalloring clusters with the largest diameter. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18742-18746.	10.3	44
86	Microporous Metal-Organic Framework Stabilized by Balanced Multiple Host-Guest Anion Hydrogen-Bonding Interactions for High-Density CO ₂ Capture at Ambient Conditions. <i>Inorganic Chemistry</i> , 2016, 55, 292-299.	4.0	82
87	Metal-organic frameworks with a large breathing effect to host hydroxyl compounds for high anhydrous proton conductivity over a wide temperature range from subzero to 125 °C. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4062-4070.	10.3	109
88	Ultrasensitive sensing of tris(2,3-dibromopropyl) isocyanurate based on the synergistic effect of amino and hydroxyl groups of a molecularly imprinted poly(o-aminophenol) film. <i>New Journal of Chemistry</i> , 2016, 40, 1649-1654.	2.8	7
89	40-Fold Enhanced Intrinsic Proton Conductivity in Coordination Polymers with the Same Proton-Conducting Pathway by Tuning Metal Cation Nodes. <i>Inorganic Chemistry</i> , 2016, 55, 983-986.	4.0	68
90	High Anhydrous Proton Conductivity of Imidazole-Loaded Mesoporous Polyimides over a Wide Range from Subzero to Moderate Temperature. <i>Journal of the American Chemical Society</i> , 2015, 137, 913-918.	13.7	238

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91	A 3D-diamond-like metal-organic framework: Crystal structure, nonlinear optical effect and high thermal stability. <i>Inorganic Chemistry Communication</i> , 2015, 60, 19-22.	3.9	12
92	Microporous Metal-Organic Framework with Lantern-like Dodecanuclear Metal Coordination Cages as Nodes for Selective Adsorption of C ₂ /C ₁ Mixtures and Sensing of Nitrobenzene. <i>Crystal Growth and Design</i> , 2015, 15, 3847-3852.	3.0	42
93	Cobalt-citrate framework armored with graphene oxide exhibiting improved thermal stability and selectivity for biogas decarburization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 593-599.	10.3	71
94	Perspective of microporous metal-organic frameworks for CO ₂ capture and separation. <i>Energy and Environmental Science</i> , 2014, 7, 2868.	30.8	693
95	Water-compatible imprinted polymers based on CS@SiO ₂ particles for selective recognition of naringin. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	12
96	A cationic microporous metal-organic framework for highly selective separation of small hydrocarbons at room temperature. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9916.	10.3	83
97	Metastable Interwoven Mesoporous Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2013, 52, 11580-11584.	4.0	60
98	The cooperative utilization of imprinting, electro-spinning and a pore-forming agent to synthesise β -cyclodextrin polymers with enhanced recognition of naringin. <i>RSC Advances</i> , 2013, 3, 25396.	3.6	12
99	A microporous metal-organic framework assembled from an aromatic tetracarboxylate for H ₂ purification. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2543.	10.3	62
100	A microporous metal-organic framework with both open metal and Lewis basic pyridyl sites for highly selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /CO ₂ gas separation at room temperature. <i>Journal of Materials Chemistry A</i> , 2013, 1, 77-81.	10.3	148
101	A microporous metal-organic framework of a rare sty topology for high CH ₄ storage at room temperature. <i>Chemical Communications</i> , 2013, 49, 2043.	4.1	61
102	A microporous metal-organic framework with Lewis basic pyridyl sites for selective gas separation of C ₂ H ₂ /CH ₄ and CO ₂ /CH ₄ at room temperature. <i>CrystEngComm</i> , 2013, 15, 5232.	2.6	24
103	A robust doubly interpenetrated metal-organic framework constructed from a novel aromatic tricarboxylate for highly selective separation of small hydrocarbons. <i>Chemical Communications</i> , 2012, 48, 6493.	4.1	224
104	A microporous lanthanide-tricarboxylate framework with the potential for purification of natural gas. <i>Chemical Communications</i> , 2012, 48, 10856.	4.1	134
105	Microporous metal-organic framework with potential for carbon dioxide capture at ambient conditions. <i>Nature Communications</i> , 2012, 3, 954.	12.8	716
106	Triple Framework Interpenetration and Immobilization of Open Metal Sites within a Microporous Mixed Metal-Organic Framework for Highly Selective Gas Adsorption. <i>Inorganic Chemistry</i> , 2012, 51, 4947-4953.	4.0	83
107	Interplay of Metalloligand and Organic Ligand to Tune Micropores within Isostructural Mixed-Metal Organic Frameworks (M ² MOFs) for Their Highly Selective Separation of Chiral and Achiral Small Molecules. <i>Journal of the American Chemical Society</i> , 2012, 134, 8703-8710.	13.7	326
108	A Microporous Metal-Organic Framework for Highly Selective Separation of Acetylene, Ethylene, and Ethane from Methane at Room Temperature. <i>Chemistry - A European Journal</i> , 2012, 18, 613-619.	3.3	204

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109	High Separation Capacity and Selectivity of C ₂ Hydrocarbons over Methane within a Microporous Metal-Organic Framework at Room Temperature. <i>Chemistry - A European Journal</i> , 2012, 18, 1901-1904.	3.3	142
110	Microporous metal-organic frameworks for acetylene storage and separation. <i>CrystEngComm</i> , 2011, 13, 5983.	2.6	163
111	Rationally tuned micropores within enantiopure metal-organic frameworks for highly selective separation of acetylene and ethylene. <i>Nature Communications</i> , 2011, 2, 204.	12.8	504
112	A New Approach to Construct a Doubly Interpenetrated Microporous Metal-Organic Framework of Primitive Cubic Net for Highly Selective Sorption of Small Hydrocarbon Molecules. <i>Chemistry - A European Journal</i> , 2011, 17, 7817-7822.	3.3	137
113	Functional Mixed Metal-Organic Frameworks with Metalloligands. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10510-10520.	13.8	384
114	Inorganic-organic hybrid photochromic materials. <i>Chemical Communications</i> , 2010, 46, 361-376.	4.1	403
115	Open Metal Sites within Isostructural Metal-Organic Frameworks for Differential Recognition of Acetylene and Extraordinarily High Acetylene Storage Capacity at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4615-4618.	13.8	344
116	A rod packing microporous metal-organic framework with open metal sites for selective guest sorption and sensing of nitrobenzene. <i>Chemical Communications</i> , 2010, 46, 7205.	4.1	239
117	Two Chiral Nonlinear Optical Coordination Networks Based on Interwoven Two-Dimensional Square Grids of Double Helices. <i>Crystal Growth and Design</i> , 2010, 10, 5291-5296.	3.0	44
118	A Robust Highly Interpenetrated Metal-Organic Framework Constructed from Pentanuclear Clusters for Selective Sorption of Gas Molecules. <i>Inorganic Chemistry</i> , 2010, 49, 8444-8448.	4.0	100
119	A Rare Uninodal 9-Connected Metal-Organic Framework with Permanent Porosity. <i>Crystal Growth and Design</i> , 2010, 10, 2372-2375.	3.0	71
120	Photochromic inorganic-organic hybrid: a new approach for switchable photoluminescence in the solid state and partial photochromic phenomenon. <i>Dalton Transactions</i> , 2010, 39, 8688.	3.3	81
121	Selective gas adsorption within a five-connected porous metal-organic framework. <i>Journal of Materials Chemistry</i> , 2010, 20, 3984.	6.7	58
122	A new MOF-505 analog exhibiting high acetylene storage. <i>Chemical Communications</i> , 2009, , 7551.	4.1	231
123	A novel heterometal-organic coordination polymer with chelidamic acid: nonlinear optical and magnetic properties. <i>CrystEngComm</i> , 2009, 11, 972.	2.6	37
124	Photochromism of a 3D Cd ^{II} Complex with Two Captured Ligand Isomers Generated In Situ from the Same Precursor. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3565-3567.	13.8	121
125	Wavelength-Dependent Photochromic Inorganic-Organic Hybrid Based on a 3D Iodoplumbate Open-Framework Material. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4149-4152.	13.8	191
126	A new approach to Hg _{1-x} Cd _x Te: Syntheses, crystal and band structures, and optical properties. <i>Solid State Sciences</i> , 2008, 10, 69-73.	3.2	4

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127	Synthesis, Crystal and Band Structures, and Properties of a New Mixed Three-Dimensional Framework Metal Pnictidehalide Semiconductor, (Hg ₆ Sb ₄)(CdI ₆). <i>Inorganic Chemistry</i> , 2007, 46, 7321-7325.	4.0	19
128	Photochromism of a Methyl Viologen Bismuth(III) Chloride: Structural Variation Before and After UV Irradiation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3249-3251.	13.8	331
129	Tris(1,2-ethanediamine- λ^2 -N,N ϵ^2)cobalt(II) triiodide iodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m3206-m3206.	0.2	1
130	Two novel halogeno(cyano)argentates with efficient luminescence. <i>Dalton Transactions</i> , 2006, , 884-886.	3.3	24
131	Synthesis, Crystal and Band Structures, and Optical Properties of a New Quaternary Metal Pnictidehalide: $\text{Hg}_2\text{Cd}_2\text{As}_2\text{Br}$. <i>Inorganic Chemistry</i> , 2006, 45, 6365-6369.	4.0	16
132	A New Type of Hybrid Magnetic Semiconductor Based upon Polymeric Iodoplumbate and Metal-Organic Complexes as Templates. <i>Inorganic Chemistry</i> , 2006, 45, 1972-1977.	4.0	81
133	$[(\text{H}_2\text{en})_7(\text{C}_2\text{O}_4)_2]_n(\text{Pb}_4\text{I}_8)_n \cdot 4n\text{H}_2\text{O}$, a New Type of Perovskite Co-templated by Both Organic Cations and Anions. <i>Inorganic Chemistry</i> , 2006, 45, 10028-10030.	4.0	67
134	Two metal chalcogenides, Hg ₂ Te ₂ X ₂ (XBr, I): 3-D framework constructed from novel left-handed helices. <i>Journal of Solid State Chemistry</i> , 2006, 179, 3394-3399.	2.9	8
135	Three New Cytotoxic Kaurane Diterpenoids from <i>Isodon weisiensis</i> C. & Y. Wu. <i>Helvetica Chimica Acta</i> , 2005, 88, 2502-2507.	1.6	7
136	A new cobalt(III) ethylenediamine complex with mixed halide counter-anions, $[\text{Co}(\text{en})_3](\text{Cl})(\text{I})_2 \cdot \text{H}_2\text{O}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m89-m91.	0.2	2
137	Incorporating Transition Metal Complexes into Tetrathioarsenates(V): Syntheses, Structures, and Properties of Two Unprecedented $[\text{Mn}(\text{dien})_2]_n[\text{Mn}(\text{dien})\text{AsS}_4]_2n \cdot 4n\text{H}_2\text{O}$ and $[\text{Mn}(\text{en})_3]_2[\text{Mn}(\text{en})_2\text{AsS}_4][\text{As}_3\text{S}_6]$. <i>Inorganic Chemistry</i> , 2005, 44, 184-186.	4.0	83