Zhangjing Zhang

List of Publications by Year
in descending order

137 papers	12,526 citations	22153 59 h-index	24982 109 g-index
140 all docs	140 docs citations	140 times ranked	8280 citing authors

#	Article	IF	Citations
1	Microporous metal-organic framework with potential for carbon dioxide capture at ambient conditions. Nature Communications, 2012, 3, 954.	12.8	716
2	Perspective of microporous metalâ€“organic frameworks for CO₂capture and separation. Energy and Environmental Science, 2014, 7, 2868.	30.8	693
3	Rationally tuned micropores within enantiopure metal-organic frameworks for highly selective separation of acetylene and ethylene. Nature Communications, 2011, 2, 204.	12.8	504
4	Hydrogen-Bonded Organic Frameworks as a Tunable Platform for Functional Materials. Journal of the American Chemical Society, 2020, 142, 14399-14416.	13.7	444
5	Porous metal-organic frameworks for gas storage and separation: Status and challenges. EnergyChem, 2019, 1, 100006.	19.1	434
6	Inorganicâ€“organic hybrid photochromic materials. Chemical Communications, 2010, 46, 361-376.	4.1	403
7	Functional Mixed Metalâ€“Organic Frameworks with Metalloligands. Angewandte Chemie - International Edition, 2011, 50, 10510-10520.	13.8	384
8	Open Metal Sites within Isostructural Metalâ€“Organic Frameworks for Differential Recognition of Acetylene and Extraordinarily High Acetylene Storage Capacity at Room Temperature. Angewandte Chemie - International Edition, 2010, 49, 4615-4618.	13.8	344
9	Pore Space Partition within a Metalâ€“Organic Framework for Highly Efficient C₂H₂/CO₂ Separation. Journal of the American Chemical Society, 2019, 141, 4130-4136.	13.7	338
10	Photochromism of a Methyl Viologen Bismuth(III) Chloride: Structural Variation Before and After UV Irradiation. Angewandte Chemie - International Edition, 2007, 46, 3249-3251.	13.8	331
11	Interplay of Metalloligand and Organic Ligand to Tune Micropores within Isostructural Mixed-Metal Organic Frameworks (Mâ€²MOFs) for Their Highly Selective Separation of Chiral and Achiral Small Molecules. Journal of the American Chemical Society, 2012, 134, 8703-8710.	13.7	326
12	Straightforward Loading of Imidazole Molecules into Metalâ€“Organic Framework for High Proton Conduction. Journal of the American Chemical Society, 2017, 139, 15604-15607.	13.7	290
13	Metalâ€“Organic Frameworks as a Versatile Platform for Proton Conductors. Advanced Materials, 2020, 32, e1907090.	21.0	255
14	A rod packing microporous metalâ€“organic framework with open metal sites for selective guest sorption and sensing of nitrobenzene. Chemical Communications, 2010, 46, 7205.	4.1	239
15	High Anhydrous Proton Conductivity of Imidazole-Loaded Mesoporous Polyimides over a Wide Range from Subzero to Moderate Temperature. Journal of the American Chemical Society, 2015, 137, 913-918.	13.7	238
16	Ethylene/ethane separation in a stable hydrogen-bonded organic framework through a gating mechanism. Nature Chemistry, 2021, 13, 933-939.	13.6	235
17	A new MOF-505 analog exhibiting high acetylene storage. Chemical Communications, 2009, , 7551.	4.1	231
18	A robust doubly interpenetrated metalâ€“organic framework constructed from a novel aromatic tricarboxylate for highly selective separation of small hydrocarbons. Chemical Communications, 2012, 48, 6493.	4.1	224

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19	A Microporous Metalâ€"Organic Framework for Highly Selective Separation of Acetylene, Ethylene, and Ethane from Methane at Room Temperature. Chemistry - A European Journal, 2012, 18, 613-619.	3.3	204
20	Microporous Hydrogen-Bonded Organic Framework for Highly Efficient Turn-Up Fluorescent Sensing of Aniline. Journal of the American Chemical Society, 2020, 142, 12478-12485.	13.7	201
21	Wavelengthâ€Dependent Photochromic Inorganicâ€"Organic Hybrid Based on a 3D Iodoplumbate Openâ€Framework Material. Angewandte Chemie - International Edition, 2008, 47, 4149-4152.	13.8	191
22	Microporous metalâ€"organic frameworks for acetylene storage and separation. CrystEngComm, 2011, 13, 5983.	2.6	163
23	Achieving High Performance Metalâ€"Organic Framework Materials through Pore Engineering. Accounts of Chemical Research, 2021, 54, 3362-3376.	15.6	158
24	A microporous metalâ€"organic framework with both open metal and Lewis basic pyridyl sites for highly selective C₂H₂/CH₄and C₂H₂/CO₂gas separation at room temperature. Journal of Materials Chemistry A, 2013, 1, 77-81.	10.3	148
25	High Separation Capacity and Selectivity of C₂ Hydrocarbons over Methane within a Microporous Metalâ€"Organic Framework at Room Temperature. Chemistry - A European Journal, 2012, 18, 1901-1904.	3.3	142
26	Integrating the Pillared-Layer Strategy and Pore-Space Partition Method to Construct Multicomponent MOFs for C₂H₂/CO₂ Separation. Journal of the American Chemical Society, 2020, 142, 9258-9266.	13.7	141
27	Design and applications of water-stable metal-organic frameworks: status and challenges. Coordination Chemistry Reviews, 2020, 423, 213507.	18.8	138
28	A New Approach to Construct a Doubly Interpenetrated Microporous Metalâ€"Organic Framework of Primitive Cubic Net for Highly Selective Sorption of Small Hydrocarbon Molecules. Chemistry - A European Journal, 2011, 17, 7817-7822.	3.3	137
29	A microporous lanthanide-tricarboxylate framework with the potential for purification of natural gas. Chemical Communications, 2012, 48, 10856.	4.1	134
30	Photochromism of a 3D Cd^{II} Complex with Two Captured Ligand Isomers Generated In Situ from the Same Precursor. Angewandte Chemie - International Edition, 2008, 47, 3565-3567.	13.8	121
31	Extraordinary Separation of Acetyleneâ€Containing Mixtures with Microporous Metalâ€"Organic Frameworks with Open O Donor Sites and Tunable Robustness through Control of the Helical Chain Secondary Building Units. Chemistry - A European Journal, 2016, 22, 5676-5683.	3.3	113
32	Metalâ€"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 Â°C. Journal of Materials Chemistry A, 2016, 4, 4062-4070.	10.3	109
33	Metallic MoS₂ Nanoflowers Decorated Graphene Nanosheet Catalytically Boosts the Volumetric Capacity and Cycle Life of Lithiumâ€"Sulfur Batteries. Advanced Energy Materials, 2021, 11, 2003718.	19.5	105
34	Two water-stable lanthanide metalâ€"organic frameworks with oxygen-rich channels for fluorescence sensing of Fe(<scp>iii</scp>) ions in aqueous solution. Dalton Transactions, 2018, 47, 16190-16196.	3.3	101
35	A Robust Highly Interpenetrated Metalâˆ'Organic Framework Constructed from Pentanuclear Clusters for Selective Sorption of Gas Molecules. Inorganic Chemistry, 2010, 49, 8444-8448.	4.0	100
36	Metalo Hydrogenâ€Bonded Organic Frameworks (MHOFs) as New Class of Crystalline Materials for Protonic Conduction. Chemistry - A European Journal, 2019, 25, 1691-1695.	3.3	92

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37	Simultaneous implementation of resistive switching and rectifying effects in a metal-organic framework with switched hydrogen bond pathway. Science Advances, 2019, 5, eaaw4515.	10.3	90
38	Robustness, Selective Gas Separation, and Nitrobenzene Sensing on Two Isomers of Cadmium Metalâ€“Organic Frameworks Containing Various Metalâ€“Oâ€“Metal Chains. Inorganic Chemistry, 2018, 57, 12961-12968.	4.0	87
39	Incorporating Transition Metal Complexes into Tetrathioarsenates(V):Â Syntheses, Structures, and Properties of Two Unprecedented [Mn(dien)2]n[Mn(dien)AsS4]2nÂ·4nH2O and [Mn(en)3]2[Mn(en)2AsS4][As3S6]. Inorganic Chemistry, 2005, 44, 184-186.	4.0	83
40	Triple Framework Interpenetration and Immobilization of Open Metal Sites within a Microporous Mixed Metalâ€“Organic Framework for Highly Selective Gas Adsorption. Inorganic Chemistry, 2012, 51, 4947-4953.	4.0	83
41	A cationic microporous metalâ€“organic framework for highly selective separation of small hydrocarbons at room temperature. Journal of Materials Chemistry A, 2013, 1, 9916.	10.3	83
42	Microporous Metalâ€“Organic Framework Stabilized by Balanced Multiple Hostâ€“Couteranion Hydrogen-Bonding Interactions for High-Density CO₂ Capture at Ambient Conditions. Inorganic Chemistry, 2016, 55, 292-299.	4.0	82
43	A New Type of Hybrid Magnetic Semiconductor Based upon Polymeric Iodoplumbate and Metalâˆ’Organic Complexes as Templates. Inorganic Chemistry, 2006, 45, 1972-1977.	4.0	81
44	Photochromic inorganicâ€“organic hybrid: a new approach for switchable photoluminescence in the solid state and partial photochromic phenomenon. Dalton Transactions, 2010, 39, 8688.	3.3	81
45	A novel mesoporous hydrogen-bonded organic framework with high porosity and stability. Chemical Communications, 2020, 56, 66-69.	4.1	76
46	Mixed-Valence Cobalt(II/III) Metalâ€“Organic Framework for Ammonia Sensing with Naked-Eye Color Switching. ACS Applied Materials & Interfaces, 2018, 10, 27465-27471.	8.0	75
47	A Rare Uninodal 9-Connected Metalâˆ’Organic Framework with Permanent Porosity. Crystal Growth and Design, 2010, 10, 2372-2375.	3.0	71
48	Cobaltâ€“citrate framework armored with graphene oxide exhibiting improved thermal stability and selectivity for biogas decarburization. Journal of Materials Chemistry A, 2015, 3, 593-599.	10.3	71
49	Rationally tuning hostâ€“guest interactions to free hydroxide ions within intertrimerically cuprophilic metalâ€“organic frameworks for high OH^{âˆ’} conductivity. Journal of Materials Chemistry A, 2017, 5, 7816-7824.	10.3	71
50	40-Fold Enhanced Intrinsic Proton Conductivity in Coordination Polymers with the Same Proton-Conducting Pathway by Tuning Metal Cation Nodes. Inorganic Chemistry, 2016, 55, 983-986.	4.0	68
51	[(H2en)7(C2O4)2] n (Pb4I18) n Â·4nH2O, a New Type of Perovskite Co-templated by Both Organic Cations and Anions. Inorganic Chemistry, 2006, 45, 10028-10030.	4.0	67
52	Additive-Induced Supramolecular Isomerism and Enhancement of Robustness in Co(II)-Based MOFs for Efficiently Trapping Acetylene from Acetylene-Containing Mixtures. ACS Applied Materials & Interfaces, 2018, 10, 30912-30918.	8.0	67
53	Enhancement of Intrinsic Proton Conductivity and Aniline Sensitivity by Introducing Dye Molecules into the MOF Channel. ACS Applied Materials & Interfaces, 2019, 11, 16490-16495.	8.0	65
54	Microporous Metalâ€“Organic Framework with Dual Functionalities for Efficient Separation of Acetylene from Light Hydrocarbon Mixtures. ACS Sustainable Chemistry and Engineering, 2019, 7, 4897-4902.	6.7	65

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55	A microporous metalâ€“organic framework assembled from an aromatic tetracarboxylate for H2 purification. Journal of Materials Chemistry A, 2013, 1, 2543.	10.3	62
56	Enhanced Intrinsic Proton Conductivity of Metalâ€“Organic Frameworks by Tuning the Degree of Interpenetration. Crystal Growth and Design, 2018, 18, 3724-3728.	3.0	62
57	A microporous metalâ€“organic framework of a rare sty topology for high CH4 storage at room temperature. Chemical Communications, 2013, 49, 2043.	4.1	61
58	Metastable Interwoven Mesoporous Metalâ€“Organic Frameworks. Inorganic Chemistry, 2013, 52, 11580-11584.	4.0	60
59	Selective gas adsorption within a five-connected porous metalâ€“organic framework. Journal of Materials Chemistry, 2010, 20, 3984.	6.7	58
60	Steric-Hindrance-Controlled Laser Switch Based on Pure Metalâ€“Organic Framework Microcrystals. Journal of the American Chemical Society, 2019, 141, 19959-19963.	13.7	57
61	A microporous aluminum-based metal-organic framework for high methane, hydrogen, and carbon dioxide storage. Nano Research, 2021, 14, 507-511.	10.4	57
62	Highly Selective Adsorption of C₂/C₁ Mixtures and Solvent-Dependent Thermochromic Properties in Metalâ€“Organic Frameworks Containing Infinite Copper-Halogen Chains. Crystal Growth and Design, 2017, 17, 2081-2089.	3.0	48
63	An Ultramicroporous Hydrogenâ€Bonded Organic Framework Exhibiting High C₂H₂/CO₂Separation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	48
64	Metalâ€“Organic Framework with Rich Accessible Nitrogen Sites for Highly Efficient CO₂ Capture and Separation. Inorganic Chemistry, 2019, 58, 7754-7759.	4.0	47
65	MOF-derived binary mixed carbon/metal oxide porous materials for constructing simultaneous determination of hydroquinone and catechol sensor. Journal of Solid State Electrochemistry, 2019, 23, 81-89.	2.5	47
66	Two Chiral Nonlinear Optical Coordination Networks Based on Interwoven Two-Dimensional Square Grids of Double Helices. Crystal Growth and Design, 2010, 10, 5291-5296.	3.0	44
67	High proton conductivity in an unprecedented anionic metalloring organic framework (MROF) containing novel metalloring clusters with the largest diameter. Journal of Materials Chemistry A, 2016, 4, 18742-18746.	10.3	44
68	A Microporous Hydrogen-Bonded Organic Framework for Efficient Xe/Kr Separation. ACS Applied Materials & Interfaces, 2022, 14, 19623-19628.	8.0	44
69	Photochromic naphthalene diimide Cd-MOFs based on different second dicarboxylic acid ligands. CrystEngComm, 2018, 20, 7567-7573.	2.6	43
70	Microporous Metalâ€“Organic Framework with Lantern-like Dodecanuclear Metal Coordination Cages as Nodes for Selective Adsorption of C2/C1 Mixtures and Sensing of Nitrobenzene. Crystal Growth and Design, 2015, 15, 3847-3852.	3.0	42
71	Hydrogen-Bonded Organic Framework Microlasers with Conformation-Induced Color-Tunable Output. ACS Applied Materials & Interfaces, 2021, 13, 28662-28667.	8.0	39
72	Threefold Collaborative Stabilization of Ag₁₄â€Nanorods by Hydrophobic Ti₁₆â€Oxo Clusters and Alkynes: Designable Assembly and Solidâ€State Opticalâ€Limiting Application. Angewandte Chemie - International Edition, 2021, 60, 12949-12954.	13.8	38

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73	A novel heterometalâ€“organic coordination polymer with chelidamic acid: nonlinear optical and magnetic properties,. CrystEngComm, 2009, 11, 972.	2.6	37
74	Reversible Single-Crystal-to-Single-Crystal Transformation and Magnetic Change of Nonporous Copper(II) Complexes by the Chemisorption/Desorption of HCl and H₂O. Inorganic Chemistry, 2017, 56, 1036-1040.	4.0	35
75	MOF/PAN nanofiber-derived N-doped porous carbon materials with excellent electrochemical activity for the simultaneous determination of catechol and hydroquinone. New Journal of Chemistry, 2019, 43, 3913-3920.	2.8	35
76	Loading Acidâ€“Base Pairs into Periodic Mesoporous Organosilica for High Anhydrous Proton Conductivity over a Wide Operating Temperature Window. ACS Applied Energy Materials, 2018, 1, 5068-5074.	5.1	31
77	A microporous metalâ€“organic framework with naphthalene diimide groups for high methane storage. Dalton Transactions, 2020, 49, 3658-3661.	3.3	31
78	Pure Metalâ€“Organic Framework Microlasers with Controlled Cavity Shapes. Nano Letters, 2020, 20, 2020-2025.	9.1	31
79	Microporous metalâ€“organic frameworks with open metal sites and Ï€-Lewis acidic pore surfaces for recovering ethylene from polyethylene off-gas. Journal of Materials Chemistry A, 2018, 6, 20822-20828.	10.3	30
80	Switched Proton Conduction in Metalâ€“Organic Frameworks. Jacs Au, 2022, 2, 1043-1053.	7.9	30
81	Solvent-Assisted Modification to Enhance Proton Conductivity and Water Stability in Metal Phosphonates. Inorganic Chemistry, 2020, 59, 3518-3522.	4.0	29
82	Isostructural MOFs with Higher Proton Conductivity for Improved Oxygen Evolution Reaction Performance. ACS Applied Materials & Interfaces, 2020, 12, 16367-16375.	8.0	28
83	Pore-space-partitioned MOF separator promotes high-sulfur-loading Liâ€“S batteries with intensified rate capability and cycling life. Journal of Materials Chemistry A, 2021, 9, 26929-26938.	10.3	27
84	Simultaneous defect passivation and hole mobility enhancement of perovskite solar cells by incorporating anionic metal-organic framework into hole transport materials. Chemical Engineering Journal, 2021, 408, 127328.	12.7	26
85	Two novel halogeno(cyano)argentates with efficient luminescence. Dalton Transactions, 2006, , 884-886.	3.3	24
86	A microporous metalâ€“organic framework with Lewis basic pyridyl sites for selective gas separation of C2H2/CH4 and CO2/CH4 at room temperature. CrystEngComm, 2013, 15, 5232.	2.6	24
87	Framework-Shrinkage-Induced Wavelength-Switchable Lasing from a Single Hydrogen-Bonded Organic Framework Microcrystal. Journal of Physical Chemistry Letters, 2022, 13, 130-135.	4.6	24
88	Dual-functional hydrogen-bonded organic frameworks for aniline and ultraviolet sensitive detection. Chinese Chemical Letters, 2021, 32, 3109-3112.	9.0	23
89	Direct Evidence of CO₂ Capture under Low Partial Pressure on a Pillared Metalâ€“Organic Framework with Improved Stabilization through Intramolecular Hydrogen Bonding. ChemPlusChem, 2016, 81, 850-856.	2.8	21
90	An antiferromagnetic metalloring pyrazolate (Pz) framework with [Cu₁₂(Î¼₂-OH)₁₂(Pz)₁₂] nodes for separation of C₂H₂/CH₄ mixture. Journal of Materials Chemistry A, 2018, 6, 19681-19688.	10.3	21

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91	Hydrogenâ€Bonded Organic Frameworks: Functionalized Construction Strategy by Nitrogenâ€Containing Functional Group. Chemistry - A European Journal, 2022, 28, .	3.3	20
92	Synthesis, Crystal and Band Structures, and Properties of a New Mixed Three-Dimensional Framework Metal Pnictidehalide Semiconductor, (Hg6Sb4)(CdI6). Inorganic Chemistry, 2007, 46, 7321-7325.	4.0	19
93	A naphthalene diimide-based MOF with mog net featuring photochromic behaviors and high stability. Inorganic Chemistry Communication, 2018, 93, 105-109.	3.9	19
94	High proton conductivity in metalloring-cluster based metal-organic nanotubes. Nano Research, 2021, 14, 387-391.	10.4	19
95	Thermal Conversion of MOF@MOF: Synthesis of an Nâ€Doped Carbon Material with Excellent ORR Performance. ChemPlusChem, 2018, 83, 1044-1051.	2.8	18
96	Amidinium sulfonate hydrogen-bonded organic framework with fluorescence amplification function for sensitive aniline detection. Chinese Chemical Letters, 2022, 33, 4317-4320.	9.0	18
97	A Hierarchically Porous Metalâ€Organic Framework from Semirigid Ligand for Gas Adsorption. Chinese Journal of Chemistry, 2016, 34, 215-219.	4.9	17
98	Isomorphic MOF-derived porous carbon materials as electrochemical sensor for simultaneous determination of hydroquinone and catechol. Journal of Applied Electrochemistry, 2019, 49, 563-574.	2.9	17
99	Inserting V-Shaped Bidentate Partition Agent into MIL-88-Type Framework for Acetylene Separation from Acetylene-Containing Mixtures. Crystal Growth and Design, 2020, 20, 2099-2105.	3.0	17
100	Twoâ€dimensional Metalâ€organic Frameworks for Electrochemical CO₂Reduction Reaction. ChemCatChem, 2022, 14, .	3.7	17
101	Electrostatic force-driven lattice water bridging to stabilize a partially charged indium MOF for efficient separation of C₂H₂/CO₂ mixtures. Journal of Materials Chemistry A, 2022, 10, 9363-9369.	10.3	17
102	Synthesis, Crystal and Band Structures, and Optical Properties of a New Quaternary Metal Pnictidehalide:Â (Hg2Cd2As2Br)Br. Inorganic Chemistry, 2006, 45, 6365-6369.	4.0	16
103	Anhydrous Proton Conduction in Crystalline Porous Materials with a Wide Working Temperature Range. ACS Applied Materials & Interfaces, 2021, 13, 41363-41371.	8.0	15
104	Controlled Shape Evolution of Pureâ€MOF 1D Microcrystals towards Efficient Waveguide and Laser Applications. Chemistry - A European Journal, 2021, 27, 3297-3301.	3.3	14
105	MOFs-Derived Nano-CuO Modified Electrode as a Sensor for Determination of Hydrazine Hydrate in Aqueous Medium. Sensors, 2020, 20, 140.	3.8	13
106	A microporous metal-organic framework with basic sites for efficient C2H2/CO2 separation. Journal of Solid State Chemistry, 2020, 284, 121209.	2.9	13
107	Mitigation of vacancy with ammonium salt-trapped ZIF-8 capsules for stable perovskite solar cells through simultaneous compensation and loss inhibition. Nanoscale Advances, 2021, 3, 3554-3562.	4.6	13
108	Triazine Based MOFs with Abundant N Sites for Selective Nitrobenzene Detection. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1301-1304.	1.2	13

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109	The cooperative utilization of imprinting, electro-spinning and a pore-forming agent to synthesise Î²-cyclodextrin polymers with enhanced recognition of naringin. RSC Advances, 2013, 3, 25396.	3.6	12
110	Waterâ€compatible imprinted polymers based on CS<i>@</i>SiO₂ particles for selective recognition of naringin. Journal of Applied Polymer Science, 2014, 131, .	2.6	12
111	A 3D-diamond-like metalâ€“organic framework: Crystal structure, nonlinear optical effect and high thermal stability. Inorganic Chemistry Communication, 2015, 60, 19-22.	3.9	12
112	Sulfonated periodic-mesoporous-organosilicas column for selective separation of C 2 H 2 /CH 4 mixtures. Journal of Solid State Chemistry, 2018, 264, 113-118.	2.9	12
113	A Cd(II) metalâ€“organic framework based on semi-rigid ligand 3,5-(4-carboxybenzyloxy) benzoic acid with high stability by intramolecular hydrogen-bonding. Inorganic Chemistry Communication, 2017, 80, 49-52.	3.9	11
114	Multifunctional anionic metal-organic frameworks enhancing stability of perovskite solar cells. Chemical Engineering Journal, 2022, 433, 133587.	12.7	11
115	Two metal chalcogenides, Hg2Te2X2 (XBr, I): 3-D framework constructed from novel left-handed helices. Journal of Solid State Chemistry, 2006, 179, 3394-3399.	2.9	8
116	A metal organic cage with semi-rigid ligand for heterogeneous alcoholysis of epoxides. Inorganic Chemistry Communication, 2019, 108, 107540.	3.9	8
117	Three New Cytotoxicent-Kaurane Diterpenoids fromIsodon weisiensis C.â€…Y.Wu. Helvetica Chimica Acta, 2005, 88, 2502-2507.	1.6	7
118	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. New Journal of Chemistry, 2016, 40, 1649-1654.	2.8	7
119	Facile synthesis of oxidized activated carbons for high-selectivity and low-enthalpy CO₂ capture from flue gas. New Journal of Chemistry, 2018, 42, 4495-4500.	2.8	7
120	Single-phase proton- and electron-conducting Ag-organic coordination polymers for efficient CO₂electroreduction. Journal of Materials Chemistry A, 2022, 10, 3216-3225.	10.3	7
121	Structural Isomerization in Cu(I) Clusters: Tracing the Cu Thermal Migration Paths and Unveiling the Structure-Dependent Photoluminescence. CCS Chemistry, 2023, 5, 350-360.	7.8	7
122	Microporous polycarbazole frameworks with large conjugated Ï€ systems for cyclohexane separation from cyclohexane-containing mixtures. New Journal of Chemistry, 2021, 45, 22437-22443.	2.8	6
123	Two Tb-metal organic frameworks with different metal cluster nodes for C₂H₂/CO₂ separation. Dalton Transactions, 2021, 50, 4932-4935.	3.3	5
124	Two Water Stable Phosphateâ€Amidinium Based Hydrogenâ€Bonded Organic Framework with Proton Conduction. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.2	5
125	Isoreticular Double Interpenetrating Copperâ€“Pyrazolateâ€“Carboxylate Frameworks for Efficient CO₂ Capture. Crystal Growth and Design, 2022, 22, 3853-3861.	3.0	5
126	A new approach to Hg1âˆ'XCdxTe: Syntheses, crystal and band structures, and optical properties. Solid State Sciences, 2008, 10, 69-73.	3.2	4

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127	A Facile Approach to Preparing Molecularly Imprinted Chitosan for Detecting 2,4,6-Tribromophenol with a Widely Linear Range. Environments - MDPI, 2017, 4, 30.	3.3	4
128	Metal organic frameworks composite Eu2O3@[Zn2(1,4-ndc)2dabco] synthesized by pulsed laser ablation in flowing liquid and its fluorescent sensing of fatty alcohol with different branch chains. Optical Materials, 2020, 105, 109886.	3.6	4
129	Lithiumâ€“Sulfur Batteries: Metallic MoS₂ Nanoflowers Decorated Graphene Nanosheet Catalytically Boosts the Volumetric Capacity and Cycle Life of Lithiumâ€“Sulfur Batteries (Adv. Energy) Tj ETQq1 1 0.784314 rg BT /Over	19.8	4
130	Separation and Purification of Xylene by Self-Assembly of a Tunable N â†' B Adduct. Crystal Growth and Design, 2021, 21, 3168-3174.	3.0	4
131	In Situ Etching Strategy to Controllably Fabricate Single-Crystal Metalâ€“Organic Framework Microtubes. Crystal Growth and Design, 2022, 22, 1521-1527.	3.0	3
132	A photochromic NDI-based framework for the facile hydrazine sensor. Inorganic Chemistry Communication, 2022, 141, 109497.	3.9	3
133	A new cobalt(III) ethylenediamine complex with mixed halide counter-anions, [Co(en)3](Cl)(I)2Â·H2O. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m89-m91.	0.2	2
134	UiOâ€66/GO Composites with Improved Electrochemical Properties for Effective Detection of Phosphite(P(III)) in Phosphate(P(V)) Buffer Solutions. ChemistrySelect, 2020, 5, 10855-10862.	1.5	2
135	Preparation and characterization of metalâ€“organic frameworks and their composite Eu₂O₃@[Zn₂(bdc)₂dabco] (ZBDh) <i>via</i> pulsed laser ablation in a flowing liquid. CrystEngComm, 2020, 22, 3188-3197.	2.6	2
136	Mixing halogens improves the passivation effects of amine halide on perovskite. Electrochimica Acta, 2022, 405, 139782.	5.2	2
137	Tris(1,2-ethanediamine-Îº2N,Nâ€²)cobalt(II) triiodide iodide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m3206-m3206.	0.2	1