

Quan-Guo Zhai

List of Publications by Year in descending order

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238
papers

7,216
citations

81839

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76872

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all docs

241
docs citations

241
times ranked

5853
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore Space Partition in Metal-Organic Frameworks. <i>Accounts of Chemical Research</i> , 2017, 50, 407-417.	7.6	423
2	Systematic and Dramatic Tuning on Gas Sorption Performance in Heterometallic Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 2524-2527.	6.6	290
3	Pore Space Partition by Symmetry-Matching Regulated Ligand Insertion and Dramatic Tuning on Carbon Dioxide Uptake. <i>Journal of the American Chemical Society</i> , 2015, 137, 1396-1399.	6.6	284
4	Construction of Ag/1,2,4-Triazole/Polyoxometalates Hybrid Family Varying from Diverse Supramolecular Assemblies to 3-D Rod-Packing Framework. <i>Inorganic Chemistry</i> , 2007, 46, 5046-5058.	1.9	282
5	Coligand Modulated Six-, Eight-, and Ten-Connected Zn/Cd-1,2,4-Triazolate Frameworks Based on Mono-, Bi-, Tri-, Penta-, and Heptanuclear Cluster Units. <i>Crystal Growth and Design</i> , 2007, 7, 2332-2342.	1.4	225
6	An ultra-tunable platform for molecular engineering of high-performance crystalline porous materials. <i>Nature Communications</i> , 2016, 7, 13645.	5.8	205
7	Construction of Cd/Zn(II)-1,2,4-Triazolate Coordination Complexes via Changing Substituents and Anions. <i>Crystal Growth and Design</i> , 2006, 6, 2126-2135.	1.4	188
8	Ultramicroporous Building Units as a Path to Bimicroporous Metal-Organic Frameworks with High Acetylene Storage and Separation Performance. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13590-13595.	7.2	173
9	Highly Selective and Sensitive Turn-Off On Fluorescent Probes for Sensing Al ³⁺ Ions Designed by Regulating the Excited-State Intramolecular Proton Transfer Process in Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11338-11348.	4.0	163
10	Lattice Matching Growth of Conductive Hierarchical Porous MOF/LDH Heteronanotube Arrays for Highly Efficient Water Oxidation. <i>Advanced Materials</i> , 2021, 33, e2006351.	11.1	155
11	Cooperative Crystallization of Heterometallic Indium-Chromium Metal-Organic Polyhedra and Their Fast Proton Conductivity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7886-7890.	7.2	141
12	Multivariable Modular Design of Pore Space Partition. <i>Journal of the American Chemical Society</i> , 2016, 138, 15102-15105.	6.6	132
13	Precise Pore Space Partitions Combined with High-Density Hydrogen Bonding Acceptors within Metal-Organic Frameworks for Highly Efficient Acetylene Storage and Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10122-10128.	7.2	121
14	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anion Exchange Encapsulation of Nucleotides and Coenzymes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2768-2772.	7.2	116
15	High CO ₂ and H ₂ Uptake in an Anionic Porous Framework with Amino-Decorated Polyhedral Cages. <i>Chemistry of Materials</i> , 2012, 24, 2624-2626.	3.2	109
16	Competitive Coordination-Oriented Monodispersed Ruthenium Sites in Conductive MOF/LDH Heteronanotree Catalysts for Efficient Overall Water Splitting in Alkaline Media. <i>Advanced Materials</i> , 2022, 34, e2107488.	11.1	103
17	<i>In situ</i> semi-transformation from heterometallic MOFs to Fe-Ni LDH/MOF hierarchical architectures for boosted oxygen evolution reaction. <i>Nanoscale</i> , 2020, 12, 14514-14523.	2.8	94
18	Design of Novel Three-Dimensional Coordination Polymers Based on Triangular Trinuclear Copper 1,2,4-Triazolate Units. <i>Crystal Growth and Design</i> , 2006, 6, 1393-1398.	1.4	84

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19	Rapid decolorization of anthraquinone and triphenylmethane dye using chloroperoxidase: Catalytic mechanism, analysis of products and degradation route. <i>Chemical Engineering Journal</i> , 2014, 244, 9-18.	6.6	82
20	Design of Pore Size and Functionality in Pillar-Layered Zn-Triazolate-Dicarboxylate Frameworks and Their High CO ₂ /CH ₄ and C ₂ Hydrocarbons/CH ₄ Selectivity. <i>Inorganic Chemistry</i> , 2015, 54, 9862-9868.	1.9	82
21	Assembly of [Cu ₂ (COO) ₄] and [M ₃ (1/4 ₃ -O)(COO) ₆] (M = Sc, Fe, Ga, and In) building blocks into porous frameworks towards ultra-high C ₂ H ₂ /CO ₂ and C ₂ H ₂ /CH ₄ separation performance. <i>Chemical Communications</i> , 2018, 54, 2012-2015.	2.2	79
22	Liquid-Liquid and Solid-Liquid Equilibrium of the Ternary System Ethanol + Cesium Sulfate + Water at (10, 30, and 50) °C. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1561-1564.	1.0	73
23	Design of a Multifunctional Indium-Organic Framework: Fluorescent Sensing of Nitro Compounds, Physical Adsorption, and Photocatalytic Degradation of Organic Dyes. <i>Inorganic Chemistry</i> , 2019, 58, 11220-11230.	1.9	71
24	The first ionothermal synthesis of a 3D ferroelectric metal-organic framework with colossal dielectric constant. <i>Chemical Communications</i> , 2011, 47, 3834.	2.2	65
25	Synthesis, Crystal Structures, and Photoluminescent Properties of the Cu(I)/X _{1±} -Bis(benzotriazole)alkane Hybrid Family (X = Cl, Br, I, and CN). <i>Inorganic Chemistry</i> , 2009, 48, 1449-1468.	1.9	63
26	Two Zeolite-Type Frameworks in One Metal-Organic Framework with Zn ₂₄ @Zn ₁₀₄ Cubic Sodalite Architecture. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8538-8541.	7.2	62
27	Nanoporous carbon derived from a functionalized metal-organic framework as a highly efficient oxygen reduction electrocatalyst. <i>Nanoscale</i> , 2017, 9, 862-868.	2.8	56
28	Efficient decolorization/degradation of aqueous azo dyes using buffered H ₂ O ₂ oxidation catalyzed by a dosage below ppm level of chloroperoxidase. <i>Chemical Engineering Journal</i> , 2012, 191, 236-242.	6.6	55
29	A semiconductor and fluorescence dual-mode room-temperature ammonia sensor achieved by decorating hydroquinone into a metal-organic framework. <i>Chemical Communications</i> , 2018, 54, 9789-9792.	2.2	55
30	Liquid-Liquid and Liquid-Liquid-Solid Equilibrium in PEG + Cs ₂ SO ₄ + H ₂ O. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 1440-1443.	1.0	47
31	Efficient enzymatic degradation used as pre-stage treatment for norfloxacin removal by activated sludge. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1261-1270.	1.7	47
32	Ultramicroporous Building Units as a Path to Biomimetic Microporous Metal-Organic Frameworks with High Acetylene Storage and Separation Performance. <i>Angewandte Chemie</i> , 2019, 131, 13724-13729.	1.6	46
33	Keggin polyoxometalates-supported assembly of 2D supramolecular isomers: Synthesis, crystal structures and characteristics of two novel hybrid host-guest complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 3484-3492.	1.2	45
34	Induction of trimeric [Mg ₃ (OH)(CO ₂) ₆] in a porous framework by a desymmetrized tritopic ligand. <i>Dalton Transactions</i> , 2012, 41, 2866.	1.6	45
35	A superstable 3p-block metal-organic framework platform towards prominent CO ₂ and C ₁ /C ₂ -hydrocarbon uptake and separation performance and strong Lewis acid catalysis for CO ₂ fixation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 813-819.	3.0	45
36	Design of two isoreticular Cd-biphenyltetracarboxylate frameworks for dye adsorption, separation and photocatalytic degradation. <i>Dalton Transactions</i> , 2018, 47, 700-707.	1.6	44

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37	Polydopamine tethered CPO/HRP-TiO ₂ nano-composites with high bio-catalytic activity, stability and reusability: Enzyme-photo bifunctional synergistic catalysis in water treatment. <i>Chemical Engineering Journal</i> , 2018, 347, 703-710.	6.6	44
38	Tuning the porosity of mesoporous NiO through calcining isostructural Ni-MOFs toward supercapacitor applications. <i>Journal of Solid State Chemistry</i> , 2018, 263, 72-78.	1.4	43
39	(3,4)-Connected jph-type porous framework with Cu ₄ I ₄ clusters as jointing points of helices. <i>CrystEngComm</i> , 2008, 10, 273-275.	1.3	40
40	Gas Uptake and Supercapacitor Performance of a Highly Connected Porous Co-Metal-Organic Framework Induced by Ligand Bulk. <i>Crystal Growth and Design</i> , 2017, 17, 3229-3235.	1.4	40
41	Systematic Regulation of C ₂ H ₂ /CO ₂ Separation by 3p-Block Open Metal Sites in a Robust Metal-Organic Framework Platform. <i>Inorganic Chemistry</i> , 2020, 59, 4825-4834.	1.9	39
42	Cobalt phosphide nanorings towards efficient electrocatalytic nitrate reduction to ammonia. <i>Chemical Communications</i> , 2021, 57, 11621-11624.	2.2	39
43	Synthesis of chiral epichlorohydrin by chloroperoxidase-catalyzed epoxidation of 3-chloropropene in the presence of an ionic liquid as co-solvent. <i>Catalysis Communications</i> , 2010, 11, 727-731.	1.6	38
44	Ultrahigh Uptake Capacity Enabled Gas Separation and Fruit Preservation by a New Single-Walled Nickel-Organic Framework. <i>Advanced Science</i> , 2021, 8, 2003141.	5.6	38
45	Mesoporous In ₂ O ₃ materials prepared by solid-state thermolysis of indium-organic frameworks and their high HCHO-sensing performance. <i>Inorganic Chemistry Communication</i> , 2016, 63, 48-52.	1.8	37
46	A novel 3D hybrid architecture based on (H ₂ O) ₆ encircling Cu ₄ I ₄ -O-Cu ₄ I ₄ cluster and hexanuclear Cu ₆ (datrz) ₆ ring. <i>Inorganic Chemistry Communication</i> , 2006, 9, 819-822.	1.8	36
47	Multimetal Incorporation into 2D Conductive Metal-Organic Framework Nanowires Enabling Excellent Electrocatalytic Oxidation of Benzylamine to Benzonitrile. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24786-24795.	4.0	36
48	Ionothermal synthesis and characterization of a 3-D (4,8)-connected porous anionic metal-organic framework entrapped with 1-D [K ₂ (H ₂ O) ₆] chains. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1455-1458.	1.8	35
49	Highly Efficient Biodecolorization/Degradation of Congo Red and Alizarin Yellow R by Chloroperoxidase from <i>Caldariomyces fumago</i> : Catalytic Mechanism and Degradation Pathway. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 13572-13579.	1.8	35
50	Mesoporous Ag/In ₂ O ₃ composite derived from indium organic framework as high performance formaldehyde sensor. <i>Journal of Solid State Chemistry</i> , 2017, 251, 170-175.	1.4	34
51	Design of a heterometallic Zn/Ca-MOF decorated with alkoxy groups on the pore surface exhibiting high fluorescence sensing performance for Fe ³⁺ and Cr ₂ O ₇ ²⁻ . <i>CrystEngComm</i> , 2020, 22, 4710-4715.	1.3	34
52	Solvothermal synthesis, crystal structures and photoluminescence properties of the novel Cd/X _{1±} I _{1%} -bis(benzotriazole)alkane hybrid family (X = Cl, Br and I). <i>CrystEngComm</i> , 2011, 13, 1602-1616.	1.3	33
53	Physicochemical Properties for the Binary Systems of Ionic Liquids [C _n mim]Cl + C _n N,N-Dimethylformamide. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1411-1422.	1.0	33
54	Synthesis, Crystal Structures, and Solid-State Luminescent Properties of Diverse Ln-Pyridine-3,5-Dicarboxylate Coordination Polymers Modulated by the Ancillary Ligand. <i>Crystal Growth and Design</i> , 2014, 14, 177-188.	1.4	33

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55	Advancing Magnesium-Organic Porous Materials through New Magnesium Cluster Chemistry. <i>Crystal Growth and Design</i> , 2016, 16, 1261-1267.	1.4	33
56	Enhanced gas separation performance of an ultramicroporous pillared-layer framework induced by hanging bare Lewis basic pyridine groups. <i>Dalton Transactions</i> , 2018, 47, 9310-9316.	1.6	33
57	Quest for 9-connected robust metal-organic framework platforms based on $[M_3(O/OH)(COO)_6(pyridine)_3]$ clusters as excellent gas separation and asymmetric supercapacitor materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4640-4650.	5.2	33
58	Enhanced electrochemical performance of Li-Co-BTC ternary metal-organic frameworks as cathode materials for lithium-ion batteries. <i>Dalton Transactions</i> , 2019, 48, 2013-2018.	1.6	32
59	Tuning the CO_2 and C_1/C_2 Hydrocarbon Capture and Separation Performance for a Zn-F-Triazolate Framework through Functional Amine Groups. <i>Crystal Growth and Design</i> , 2018, 18, 3229-3235.	1.4	31
60	Topology-Guided Design for Sc-soc-MOFs and Their Enhanced Storage and Separation for CO_2 and C_2 -Hydrocarbons. <i>Inorganic Chemistry</i> , 2019, 58, 16792-16799.	1.9	31
61	Influence of substituents on the structures of hybrid complexes constructed from tetranuclear copper(I) 1,2,4-triazolate clusters and octamolybdates. <i>Inorganica Chimica Acta</i> , 2006, 359, 3875-3887.	1.2	30
62	Ligand Torsion Triggered Two Robust Fe-Tetratopic Carboxylate Frameworks with Enhanced Gas Uptake and Separation Performance. <i>Chemistry - A European Journal</i> , 2017, 23, 6693-6700.	1.7	30
63	Microporous rod metal-organic frameworks with diverse Zn/Cd-triazolate ribbons as secondary building units for CO_2 uptake and selective adsorption of hydrocarbons. <i>Dalton Transactions</i> , 2017, 46, 836-844.	1.6	30
64	Excellent Supercapacitor Performance of Robust Nickel-Organic Framework Materials Achieved by Tunable Porosity, Inner-Cluster Redox, and in Situ Fabrication with Graphene Oxide. <i>Crystal Growth and Design</i> , 2018, 18, 6035-6045.	1.4	28
65	Tailoring the Pore Environment of a Robust Ga-MOF by Deformed $[Ga_3O(COO)_6]$ Cluster for Boosting C_2H_2 Uptake and Separation. <i>Inorganic Chemistry</i> , 2020, 59, 10368-10373.	1.9	28
66	Ionothermal synthesis of a new (4,12)-connected heterometallic iodoplumbate with $[Pb_4(OH)_4]$ cubane as joint points of the helices. <i>CrystEngComm</i> , 2011, 13, 414-417.	1.3	27
67	The ionothermal synthesis of a 3D indium metal-organic framework: Crystal structure, photoluminescence property and photocatalytic activity. <i>Inorganic Chemistry Communication</i> , 2012, 24, 209-211.	1.8	26
68	Cooperative Crystallization of Heterometallic Indium-Chromium Metal-Organic Polyhedra and Their Fast Proton Conductivity. <i>Angewandte Chemie</i> , 2015, 127, 7997-8001.	1.6	26
69	From Hemoglobin to Porous N-S-Fe-Doped Carbon for Efficient Oxygen Electroreduction. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13545-13550.	1.5	26
70	Self-assembly of a novel 3D copper(I)-tetrazolate supramolecular framework via interpenetration of porous 2D double-layer motifs. <i>Inorganic Chemistry Communication</i> , 2010, 13, 211-214.	1.8	25
71	Nonlinear Optical Rod Indium-Imidazoledicarboxylate Framework as Room-Temperature Gas Sensor for Butanol Isomers. <i>Crystal Growth and Design</i> , 2017, 17, 423-427.	1.4	25
72	Selective Ion Exchange and Photocatalysis by Zeolite-Like Semiconducting Chalcogenide. <i>Chemistry - A European Journal</i> , 2017, 23, 11913-11919.	1.7	25

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73	Compositions, Densities, and Refractive Indices for the Ternary Systems Ethylene Glycol + NaCl + H ₂ O, Ethylene Glycol + KCl + H ₂ O, Ethylene Glycol + RbCl + H ₂ O, and Ethylene Glycol + CsCl + H ₂ O at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1289-1294.	1.0	24
74	Solubilities, Densities, and Refractive Indices for the Ternary Systems Glycerin + MCl + H ₂ O (M = Na, K, Rb, Cs) at (298.15 and 308.15) K. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 4643-4650.	1.0	24
75	Synthesis, crystal structures and gas adsorption of two porous pillar-layered MOFs decorated with different functional groups. <i>Inorganic Chemistry Communication</i> , 2015, 62, 107-110.	1.8	24
76	Bioconversion of non-steroidal anti-inflammatory drugs diclofenac and naproxen by chloroperoxidase. <i>Biochemical Engineering Journal</i> , 2017, 120, 7-16.	1.8	23
77	Enhancing the catalytic performance of chloroperoxidase by co-immobilization with glucose oxidase on magnetic graphene oxide. <i>Biochemical Engineering Journal</i> , 2019, 143, 101-109.	1.8	23
78	Tuning the Pore Surface of an Ultramicroporous Framework for Enhanced Methane and Acetylene Purification Performance. <i>Inorganic Chemistry</i> , 2020, 59, 16725-16736.	1.9	23
79	Hierarchically porous magnetic Fe ₃ O ₄ /Fe-MOF used as an effective platform for enzyme immobilization: a kinetic and thermodynamic study of structure-activity. <i>Catalysis Science and Technology</i> , 2021, 11, 2446-2455.	2.1	23
80	Two anionic [Cu ₆ X ₇] ⁿ⁻ (X=Br and I) chain-based organic-inorganic hybrid solids with N-substituted benzotriazole ligands. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1150-1158.	1.4	22
81	Measurements and Correlations of the Solid-Liquid Equilibrium of RbCl/CsCl + [C _n mim]Cl (n = 2, 4, 6, 8) + H ₂ O Ternary Systems at T = (288.15, 298.15, and 308.15) K. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 726-735.	1.0	22
82	Solid-Liquid Equilibrium (SLE) of the N,N-Dimethylacetamide (DMA) + MCl (M = Na, K, Rb,) Tj ETQq0 0 0 rgBT /Overlock Data, 2014, 59, 1423-1434.	1.0	22
83	Design and preparation of stable CPO/HRP@MOF(Zr) composites for efficient bio-catalytic degradation of organic toxicants in wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1249-1258.	1.6	22
84	Mimic of Ferrolloy To Develop a Bifunctional Fe-Organic Framework Platform for Enhanced Gas Sorption and Efficient Oxygen Evolution Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4432-4442.	4.0	22
85	Recent advancement in Bi ₅ O ₇ -based nanocomposites for high performance photocatalysts. <i>Chemosphere</i> , 2022, 288, 132668.	4.2	22
86	π-π interaction directed 2D FeNi-LDH nanosheets from 2D Hofmann-MOFs for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1815-1820.	5.2	22
87	Solid-Liquid Phase Equilibria of Some Aliphatic Alcohols + Cesium Sulfate + Water. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 1070-1073.	1.0	21
88	Solubility of Cesium Nitrate in Aqueous Alcohol Solutions at (25, 35, and 45) °C. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 1361-1364.	1.0	21
89	Alkyl substituents introduced into novel d ¹⁰ -metalimidazole-4,5-dicarboxylate frameworks: synthesis, structure diversities and photoluminescence properties. <i>CrystEngComm</i> , 2013, 15, 965-976.	1.3	21
90	Enzyme Immobilization in MOF-derived Porous NiO with Hierarchical Structure: An Efficient and Stable Enzymatic Reactor. <i>ChemCatChem</i> , 2019, 11, 2828-2836.	1.8	21

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109	Phase Diagrams and Physicochemical Properties for the Ternary System (CsCl + NaCl + Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2017, 62, 2533-2540.	1.0	17
110	Charge controlled immobilization of chloroperoxidase on both inner/outer wall of NHT: Improved stability and catalytic performance in the degradation of pesticide. Applied Clay Science, 2018, 163, 92-99.	2.6	17
111	Enhanced Proton Conductivity by Aliovalent Substitution of Cadmium for Indium in Dimethylammonium-Templated Metal Anilicates. ACS Applied Materials & Interfaces, 2020, 12, 41605-41612.	4.0	17
112	Regulation on Topological Architectures and Gas Adsorption for Cadmium-Azolate-Carboxylate Frameworks by the Ligand Flexibility. Crystal Growth and Design, 2021, 21, 1718-1726.	1.4	17
113	Reactivity of 1,4-Bis[2-(5-phenyloxazolyl)]benzene toward Cu Salts under Different Reaction Conditions. Crystal Growth and Design, 2005, 5, 1485-1490.	1.4	16
114	Phase behavior of aqueous two-phase systems composed of 1-alkyl-3-methylimidazolium bromide+Rb2CO3/Cs2CO3+water. Thermochimica Acta, 2013, 566, 149-154.	1.2	16
115	An anionic metal-organic framework based on infinite $[\text{In}_3(\frac{1}{4}\text{OH})_2]_n$ inorganic chains synthesized in ionic liquid. Inorganic Chemistry Communication, 2013, 28, 16-19.	1.8	16
116	Solution behavior of {(formamide/N-methylformamide/N,N-dimethylformamide)+CsCl+water} ternary systems at multiple temperatures. Journal of Chemical Thermodynamics, 2014, 78, 134-142.	1.0	16
117	Synthesis, crystal structures and characterization of three novel complexes with N-[2-(2-hydroxybenzylideneamino)ethyl]-4-methyl-benzene-sulfonamide as ligand. Inorganica Chimica Acta, 2009, 362, 2217-2221.	1.2	15
118	Thermodynamic Investigation of a Ternary Mixed Electrolyte (CsCl/MgCl ₂ /H ₂ O) System Using Electromotive Force Measurement at 298.15 K. Journal of Chemical & Engineering Data, 2009, 54, 2023-2027.	1.0	15
119	Improvement of Chloroperoxidase Catalytic Activities by Chitosan and Thioglycolic Acid. Catalysis Letters, 2009, 129, 457-461.	1.4	14
120	Activity Coefficients of Potassium Chloride in Ethylene Glycol~Water Mixtures Using Electromotive Force Measurements at (278.15, 288.15, 298.15, and 308.15) K. Journal of Chemical & Engineering Data, 2010, 55, 1573-1579.	1.0	14
121	Isothermal synthesis, structure and optical properties of three new organic-inorganic hybrid imidazolium bromoplumbate complexes. Inorganic Chemistry Communication, 2011, 14, 663-666.	1.8	14
122	Ordered Mesoporous Silica Matrix for Immobilization of Chloroperoxidase with Enhanced Biocatalytic Performance for Oxidative Decolorization of Azo Dye. Industrial & Engineering Chemistry Research, 2014, 53, 12201-12208.	1.8	14
123	Synthesis, structure and blue luminescent properties of a new silver(I) triazolate coordination polymer with 8210-a topology. Inorganica Chimica Acta, 2009, 362, 1355-1357.	1.2	13
124	An unusual (3,6)-connected microporous metal-organic framework based on tetrahedral Zn ₄ clusters with selective adsorption of CO ₂ . CrystEngComm, 2011, 13, 4823.	1.3	13
125	Crystalline 3D open-framework halogeno(cyano)cuprates synthesized in ionic liquids. CrystEngComm, 2012, 14, 2626.	1.3	13
126	Biocatalytic synthesis of C ₃ chiral building blocks by chloroperoxidase-catalyzed enantioselective halo-hydroxylation and epoxidation in the presence of ionic liquids. Biotechnology Progress, 2015, 31, 724-729.	1.3	13

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127	Stable (solid+liquid) phase equilibrium for the ternary system (NaCl+RbCl+H ₂ O) at T=(288.15, 298.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010, 59, 1078-1083.	1.0	13
128	Honeycomb-Like Pillar-Layered Metal-Organic Frameworks with Dual Porosity for Efficient C ₂ H ₂ /CO ₂ and C ₂ H ₂ /C ₂ H ₄ Separations. <i>Crystal Growth and Design</i> , 2022, 22, 469-477.	1.4	13
129	Liquid-Liquid Equilibria for some aliphatic alcohols+cesium carbonate+water systems. <i>Fluid Phase Equilibria</i> , 2005, 232, 57-61.	1.4	12
130	Thermodynamic Study of RbF/CsF in Amino Acid Aqueous Solution Based on the Pitzer, Modified Pitzer, and Extended Debye-Hückel Models at 298.15 K by a Potentiometric Method. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 11767-11772.	1.8	12
131	Design of a pillar-layered metal-organic framework as high-performance fluorescence sensor for nitroaromatic compounds. <i>Journal of Solid State Chemistry</i> , 2020, 283, 121166.	1.4	12
132	Introduction of continuous excited-state intermolecular proton transfer process into open yttrium-terephthalate framework for ratiometric fluorescent fluorion detection. <i>Journal of Solid State Chemistry</i> , 2021, 300, 122212.	1.4	12
133	A three-dimensional organic-inorganic hybrid solid constructed from novel Mo-O-Zn bimetallic oxide networks linked via 3-amino-1,2,4-triazole. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1147-1150.	1.8	11
134	Ligand-configuration-dependent hybrid supramolecular isomers based on the octamolybdate building blocks from one-pot hydrothermal crystallization. <i>Inorganica Chimica Acta</i> , 2010, 363, 653-661.	1.2	11
135	Ligand configuration introduced into a 3D self-interpenetrated coordination polymer as visible-light-driven photocatalyst. <i>Inorganic Chemistry Communication</i> , 2014, 45, 1-4.	1.8	11
136	Organization of Lithium Cubane Clusters into Three-Dimensional Porous Frameworks by Self-Penetration and Self-Polymerization. <i>Crystal Growth and Design</i> , 2016, 16, 6531-6536.	1.4	11
137	Measurement and Correlation of Solubilities and Solution Thermodynamics for C ₂ N ₂ /C ₂ H ₂ -Diethylformamide + MCl (M = Na, K, Rb, and Cs) + Water Systems in the Temperature Range 288.15-338.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1649-1656.	1.0	11
138	A pillar-layered metal-organic framework as luminescent sensor for selective and reversible response of chloroform. <i>Journal of Solid State Chemistry</i> , 2017, 247, 39-42.	1.4	11
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