Quan-Guo Zhai

List of Publications by Year in Descending Order

236 papers	5,451 citations	34 h-index	65 g-index
241 ext. papers	6,387 ext. citations	4.7 avg, IF	6.01 L-index

#	Paper	IF	Citations
236	Competitive Coordination-Oriented Monodispersed Ruthenium Sites in Conductive MOF/LDH Heteronanotree Catalysts for Efficient Overall Water Splitting in Alkaline Media.. *Advanced Materials*, **2022**, e2107488	24	13
235	Interaction directed 2D FeNi-LDH nanosheets from 2D Hofmann-MOFs for the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2022**, 10, 1815-1820	13	1
234	Carbon foam-supported CoN nanoparticles and carbon nanotubes hybrids as bifunctional reduction electrocatalyst. *Catalysis Communications*, **2022**, 163, 106408	3.2	1
233	Design of ultra-stable Yttrium-organic framework adsorbents for efficient methane purification and storage. *Separation and Purification Technology*, **2022**, 283, 120211	8.3	0
232	Modulating fluorescence sensing properties of excited-state intramolecular proton transfer (ESIPT)-based metal organic frameworks (MOFs) by metal polarization. *CrystEngComm*, **2022**, 24, 2264-2269	3.3	1
231	Enhancement of the fluorescence properties introducing the tetraphenylethylene chromophores into a novel Mn-organic framework with a rare [Mn(OH)] cluster. *Dalton Transactions*, **2021**, 50, 17482-17486	4.3	1
230	Amide-Functionalized Metal-Organic Frameworks Coupled with Open Fe/Sc Sites for Efficient Acetylene Purification. *Inorganic Chemistry*, **2021**, 60, 18473-18482	5.1	0
229	Cobalt phosphide nanorings towards efficient electrocatalytic nitrate reduction to ammonia. *Chemical Communications*, **2021**, 57, 11621-11624	5.8	6
228	Recent advancement in BiOI-based nanocomposites for high performance photocatalysts. *Chemosphere*, **2021**, 132668	8.4	1
227	Precise Pore Space Partitions Combined with High-Density Hydrogen-Bonding Acceptors within Metal Organic Frameworks for Highly Efficient Acetylene Storage and Separation. *Angewandte Chemie*, **2021**, 133, 10210-10216	3.6	5
226	Precise Pore Space Partitions Combined with High-Density Hydrogen-Bonding Acceptors within Metal-Organic Frameworks for Highly Efficient Acetylene Storage and Separation. *Angewandte Chemie - International Edition*, **2021**, 60, 10122-10128	16.4	33
225	Phase Behavior of N-Methylpyrrolidone + MCl (M = Na, K, Rb, Cs) + H2O Systems at 288.2, 298.2, and 308.2 K. *Journal of Chemical & Engineering Data*, **2021**, 66, 2105-2113	2.8	0
224	Ultrahigh-Uptake Capacity-Enabled Gas Separation and Fruit Preservation by a New Single-Walled Nickel-Organic Framework. *Advanced Science*, **2021**, 8, 2003141	13.6	11
223	A New Molecular Recognition Concept: Multiple Hydrogen Bonds and Their Optically Triggered Proton Transfer in Confined Metal-Organic Frameworks for Superior Sensing Element. *ACS Applied Materials & Interfaces*, **2021**, 13, 22457-22465	9.5	7
222	Amino modified magnetic halloysite nanotube supporting chloroperoxidase immobilization: enhanced stability, reusability, and efficient degradation of pesticide residue in wastewater. *Bioprocess and Biosystems Engineering*, **2021**, 44, 483-493	3.7	5
221	The electrochemical adsorption of Cs+ ion on the protonated Ni-doped MnO2 nanorods. *Journal of Alloys and Compounds*, **2021**, 855, 157500	5.7	3
220	Regulation on Topological Architectures and Gas Adsorption for Cadmium-Azolate-Carboxylate Frameworks by the Ligand Flexibility. *Crystal Growth and Design*, **2021**, 21, 1718-1726	3.5	6

219	Hierarchically porous magnetic Fe3O4/Fe-MOF used as an effective platform for enzyme immobilization: a kinetic and thermodynamic study of structure–activity. *Catalysis Science and Technology*, **2021**, 11, 2446-2455	5.5	5
218	Lattice Matching Growth of Conductive Hierarchical Porous MOF/LDH Heteronanotube Arrays for Highly Efficient Water Oxidation. *Advanced Materials*, **2021**, 33, e2006351	24	47
217	CPO-Fe3O4@mTiO2 nanocomposite with integrated magnetic separation and enzymatic and photocatalytic activities in efficient degradation of organic contaminants in wastewater. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 1437-1446	3.5	2
216	Phase behaviour of the ternary systems Rb2SO4(1)-RbBr(2)-H2O(3)/Cs2SO4(1)-CsBr(2)-H2O(3) at T = 288.15, 298.15, 308.15 K. *Journal of Chemical Thermodynamics*, **2021**, 158, 106468	2.9	1
215	Introduction of continuous excited-state intermolecular proton transfer process into open yttrium-terephthalate framework for ratiometric fluorescent fluorion detection. *Journal of Solid State Chemistry*, **2021**, 300, 122212	3.3	4
214	Indium-based MOFs and carbon nanotube embedded efficient cathodes for high-performance lithium-sulfur batteries. *Ionics*, **2021**, 27, 5115	2.7	0
213	Holey cobalt oxyhydroxide nanosheets for the oxygen evolution reaction. *Journal of Materials Chemistry A*, **2021**, 9, 3297-3302	13	6
212	Tuning the Pore Surface of an Ultramicroporous Framework for Enhanced Methane and Acetylene Purification Performance. *Inorganic Chemistry*, **2020**, 59, 16725-16736	5.1	7
211	Multimetal Incorporation into 2D Conductive Metal-Organic Framework Nanowires Enabling Excellent Electrocatalytic Oxidation of Benzylamine to Benzonitrile. *ACS Applied Materials & Interfaces*, **2020**, 12, 24786-24795	9.5	20
210	In situ semi-transformation from heterometallic MOFs to Fe-Ni LDH/MOF hierarchical architectures for boosted oxygen evolution reaction. *Nanoscale*, **2020**, 12, 14514-14523	7.7	40
209	Systematic Regulation of CH/CO Separation by 3p-Block Open Metal Sites in a Robust Metal-Organic Framework Platform. *Inorganic Chemistry*, **2020**, 59, 4825-4834	5.1	16
208	Design of a heterometallic Zn/Ca-MOF decorated with alkoxy groups on the pore surface exhibiting high fluorescence sensing performance for Fe3+ and Cr2O72− *CrystEngComm*, **2020**, 22, 4710-4715	3.3	19
207	Tailoring the Pore Environment of a Robust Ga-MOF by Deformed [GaO(COO)] Cluster for Boosting CH Uptake and Separation. *Inorganic Chemistry*, **2020**, 59, 10368-10373	5.1	15
206	Phase behavior of tetramethylurea + MCl (M = Na, K, Rb, Cs) + H2O systems at 288.2, 298.2 and 308.2 K. *Journal of Chemical Thermodynamics*, **2020**, 144, 106058	2.9	2
205	The evolution of bimetal hydroxide fragments from brucite to goethite in metal-organic frameworks for enhanced oxygen evolution reaction. *Journal of Solid State Chemistry*, **2020**, 292, 121751	3.3	
204	Design of a pillar-layered metal-organic framework as high-performance fluorescence sensor for nitroaromatic compounds. *Journal of Solid State Chemistry*, **2020**, 283, 121166	3.3	9
203	Thermodynamic properties of MCl (M = Na, K, Rb, Cs) + tetramethylurea + water ternary system at 298.2 K. *Journal of Molecular Liquids*, **2020**, 297, 111924	6	1
202	Mimic of Ferroalloy To Develop a Bifunctional Fe-Organic Framework Platform for Enhanced Gas Sorption and Efficient Oxygen Evolution Electrocatalysis. *ACS Applied Materials & Interfaces*, **2020**, 12, 4432-4442	9.5	10

201	Self-Assembly of a Rare Nanocage-based Fe-MOF toward High Methane Purification Performance. *Crystal Growth and Design*, **2020**, 20, 5657-5663	3.5	6
200	Enhanced Proton Conductivity by Aliovalent Substitution of Cadmium for Indium in Dimethylaminium-Templated Metal Anilicates. *ACS Applied Materials & Interfaces*, **2020**, 12, 41605-41612	9.5	7
199	Design of robust rod-packing [In(OH)(BDC)] frameworks and their high CO2/C2-hydrocarbons over CH4 separation performance. *Journal of Solid State Chemistry*, **2019**, 279, 120936	3.3	8
198	Quest for 9-connected robust metal–organic framework platforms based on [M3(O/OH)(COO)6(pyridine)3] clusters as excellent gas separation and asymmetric supercapacitor materials. *Journal of Materials Chemistry A*, **2019**, 7, 4640-4650	13	24
197	Enhanced electrochemical performance of Li-Co-BTC ternary metal-organic frameworks as cathode materials for lithium-ion batteries. *Dalton Transactions*, **2019**, 48, 2013-2018	4.3	24
196	Ultraporous nitrogen-rich carbon nanosheets derived from the synergy of eutectic liquid and zeolitic imidazolate for energy applications. *Journal of Power Sources*, **2019**, 434, 126678	8.9	6
195	Continuous regulation of the architectures of cupric tetrazolate coordination polymers via the pH and temperature. *Journal of Solid State Chemistry*, **2019**, 276, 244-250	3.3	1
194	Enzymatic Biosensor for Hydrogen Peroxide Based on the Direct Electron Transfer on MWCNTs/IL/CPO-GC: The Dual Function of Ionic Liquids. *Journal of the Electrochemical Society*, **2019**, 166, G67-G74	3.9	4
193	Enzyme Immobilization in MOF-derived Porous NiO with Hierarchical Structure: An Efficient and Stable Enzymatic Reactor. *ChemCatChem*, **2019**, 11, 2828-2836	5.2	10
192	Decoration of bare carboxyl group on the pore surface of metal-organic frameworks for high selective fluorescence Fe3+ detection. *Journal of Solid State Chemistry*, **2019**, 274, 18-25	3.3	17
191	Highly Selective and Sensitive Turn-Off-On Fluorescent Probes for Sensing Al Ions Designed by Regulating the Excited-State Intramolecular Proton Transfer Process in Metal-Organic Frameworks. *ACS Applied Materials & Interfaces*, **2019**, 11, 11338-11348	9.5	102
190	Positional orientating co-immobilization of bienzyme CPO/GOx on mesoporous TiO thin film for efficient cascade reaction. *Bioprocess and Biosystems Engineering*, **2019**, 42, 1065-1075	3.7	6
189	Solubility, density and refractive index of formamide/N-methylformamide/N, N-dimethylformamide + rubidium bromide/cesium bromide + water ternary systems. *Journal of Molecular Liquids*, **2019**, 281, 461-470	6	5
188	A superstable 3p-block metal–organic framework platform towards prominent CO2 and C1/C2-hydrocarbon uptake and separation performance and strong Lewis acid catalysis for CO2 fixation. *Inorganic Chemistry Frontiers*, **2019**, 6, 813-819	6.8	26
187	Ultramicroporous Building Units as a Path to Bi-microporous Metal–Organic Frameworks with High Acetylene Storage and Separation Performance. *Angewandte Chemie*, **2019**, 131, 13724-13729	3.6	33
186	Ultramicroporous Building Units as a Path to Bi-microporous Metal-Organic Frameworks with High Acetylene Storage and Separation Performance. *Angewandte Chemie - International Edition*, **2019**, 58, 13590-13595	16.4	98
185	Design of a Multifunctional Indium-Organic Framework: Fluorescent Sensing of Nitro Compounds, Physical Adsorption, and Photocatalytic Degradation of Organic Dyes. *Inorganic Chemistry*, **2019**, 58, 11220-11230	5.1	46
184	Topology-Guided Design for Sc-soc-MOFs and Their Enhanced Storage and Separation for CO and C-Hydrocarbons. *Inorganic Chemistry*, **2019**, 58, 16792-16799	5.1	19

183	Enhancing the catalytic performance of chloroperoxidase by co-immobilization with glucose oxidase on magnetic graphene oxide. *Biochemical Engineering Journal*, **2019**, 143, 101-109	4.2	14
182	Design and preparation of stable CPO/HRP@H-MOF(Zr) composites for efficient bio-catalytic degradation of organic toxicants in wastewater. *Journal of Chemical Technology and Biotechnology*, **2019**, 94, 1249-1258	3.5	12
181	Solid □liquid and liquid □liquid equilibrium of the systems composed of [Cnmim]Cl/Br (n = 2, 4, 6, 8) + Rb2SO4/Cs2SO4 + H2O. *Journal of Molecular Liquids*, **2019**, 273, 455-462	6	6
180	Multilayer petal-like enzymatic-inorganic hybrid micro-spheres [CPO-(Cu/Co/Cd)3(PO4)2] with high bio-catalytic activity. *Chemical Engineering Research and Design*, **2018**, 134, 52-61	5.5	9
179	Tuning the porosity of mesoporous NiO through calcining isostructural Ni-MOFs toward supercapacitor applications. *Journal of Solid State Chemistry*, **2018**, 263, 72-78	3.3	30
178	Tuning the CO2 and C1/C2 Hydrocarbon Capture and Separation Performance for a Zn-F-Triazolate Framework through Functional Amine Groups. *Crystal Growth and Design*, **2018**, 18, 3229-3235	3.5	19
177	Assembly of [Cu(COO)] and [M(□O)(COO)] (M = Sc, Fe, Ga, and In) building blocks into porous frameworks towards ultra-high CH/CO and CH/CH separation performance. *Chemical Communications*, **2018**, 54, 2012-2015	5.8	59
176	Phase behavior of ionic liquids-cesium carbonate-water aqueous two-phase systems and their extraction of L-tryptophan. *Chemical Research in Chinese Universities*, **2018**, 34, 127-131	2.2	1
175	A semiconductor and fluorescence dual-mode room-temperature ammonia sensor achieved by decorating hydroquinone into a metal-organic framework. *Chemical Communications*, **2018**, 54, 9789-9792	5.8	43
174	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	5.2	11
173	Design of two isoreticular Cd-biphenyltetracarboxylate frameworks for dye adsorption, separation and photocatalytic degradation. *Dalton Transactions*, **2018**, 47, 700-707	4.3	34
172	Potentiometric Investigation of the Thermodynamic Properties of Mixed Electrolyte Systems at 298.2 K: CsF + CsBr + H2O and CsF + CsNO3 + H2O. *Journal of Chemical & Engineering Data*, **2018**, 63, 3801-3808	2.8	4
171	Design of High-Symmetrical Magnesium-Organic Frameworks with Acetate as Modulator and Their Fluorescence Sensing Performance. *Inorganic Chemistry*, **2018**, 57, 14280-14289	5.1	14
170	Excellent Supercapacitor Performance of Robust Nickel□Organic Framework Materials Achieved by Tunable Porosity, Inner-Cluster Redox, and in Situ Fabrication with Graphene Oxide. *Crystal Growth and Design*, **2018**, 18, 6035-6045	3.5	19
169	Polydopamine tethered CPO/HRP-TiO2 nano-composites with high bio-catalytic activity, stability and reusability: Enzyme-photo bifunctional synergistic catalysis in water treatment. *Chemical Engineering Journal*, **2018**, 347, 703-710	14.7	25
168	Enhanced gas separation performance of an ultramicroporous pillared-layer framework induced by hanging bare Lewis basic pyridine groups. *Dalton Transactions*, **2018**, 47, 9310-9316	4.3	28
167	Pore Space Partition in Metal-Organic Frameworks. *Accounts of Chemical Research*, **2017**, 50, 407-417	24.3	339
166	A pillar-layered metal-organic framework as luminescent sensor for selective and reversible response of chloroform. *Journal of Solid State Chemistry*, **2017**, 247, 39-42	3.3	10

165	Bioconversion of non-steroidal anti-inflammatory drugs diclofenac and naproxen by chloroperoxidase. *Biochemical Engineering Journal*, **2017**, 120, 7-16	4.2	20
164	Ligand Torsion Triggered Two Robust Fe-Tetratopic Carboxylate Frameworks with Enhanced Gas Uptake and Separation Performance. *Chemistry - A European Journal*, **2017**, 23, 6693-6700	4.8	23
163	Activity Coefficients of CsCl in PEG 200H2O and PEG 600H2O Mixtures at 298.15 K. *Journal of Chemical & Engineering Data*, **2017**, 62, 2541-2548	2.8	2
162	Gas Uptake and Supercapacitor Performance of a Highly Connected Porous Co-MetalOrganic Framework Induced by Ligand Bulk. *Crystal Growth and Design*, **2017**, 17, 3229-3235	3.5	37
161	Mesoporous Ag/In2O3 composite derived from indium organic framework as high performance formaldehyde sensor. *Journal of Solid State Chemistry*, **2017**, 251, 170-175	3.3	22
160	Well-oriented bioarchitecture for immobilization of chloroperoxidase on graphene oxide nanosheets by site-specific interactions and its catalytic performance. *Journal of Materials Science*, **2017**, 52, 10001-10012	4.3	14
159	Ionothermal Design of Crystalline Halogeno(cyano)cuprate Family: Structure Diversity, Solid-State Luminescence, and Photocatalytic Performance. *Inorganic Chemistry*, **2017**, 56, 7161-7174	5.1	9
158	Phase Diagrams and Physicochemical Properties for the Ternary System (CsCl + NaCl + H2O) at T = (298.15, 308.15, and 318.15) K. *Journal of Chemical & Engineering Data*, **2017**, 62, 2533-2540	2.8	12
157	Ionothermal synthesis of novel Pb-OH-Cu-X (X = Cl, Br and I) quaternary heterometallic frameworks with tunable optical properties. *Dalton Transactions*, **2017**, 46, 5183-5188	4.3	5
156	Nonlinear Optical Rod Indium-Imidazoledicarboxylate Framework as Room-Temperature Gas Sensor for Butanol Isomers. *Crystal Growth and Design*, **2017**, 17, 423-427	3.5	22
155	Stable (solid + liquid) phase equilibrium for the ternary system (NaCl + RbCl + H2O) at T = (288.15, 298.15 and 308.15) K. *Journal of Chemical Thermodynamics*, **2017**, 106, 256-261	2.9	11
154	Microporous rod metal-organic frameworks with diverse Zn/Cd-triazolate ribbons as secondary building units for CO uptake and selective adsorption of hydrocarbons. *Dalton Transactions*, **2017**, 46, 836-844	4.3	28
153	Nanoporous carbon derived from a functionalized metal-organic framework as a highly efficient oxygen reduction electrocatalyst. *Nanoscale*, **2017**, 9, 862-868	7.7	52
152	The Power of Heterometalation through Lithium for Helix Chain-Based Noncentrosymmetric MetalOrganic Frameworks with Tunable Second-Harmonic Generation Effects. *Crystal Growth and Design*, **2017**, 17, 5634-5639	3.5	10
151	Assembly of the active center of organophosphorus hydrolase in metal-organic frameworks via rational combination of functional ligands. *Chemical Communications*, **2017**, 53, 11302-11305	5.8	12
150	Efficient enzymatic degradation used as pre-stage treatment for norfloxacin removal by activated sludge. *Bioprocess and Biosystems Engineering*, **2017**, 40, 1261-1270	3.7	26
149	Selective Ion Exchange and Photocatalysis by Zeolite-Like Semiconducting Chalcogenide. *Chemistry - A European Journal*, **2017**, 23, 11913-11919	4.8	23
148	Thermodynamic investigation of RbF+Rb2SO4+H2O and CsF+Cs2SO4+H2O ternary systems by potentiometric method at 298.2K. *Fluid Phase Equilibria*, **2017**, 433, 31-39	2.5	5

147	Two novel CPs with double helical chains based rigid tripodal ligands: Syntheses, crystal structures, magnetic susceptibility and fluorescence properties. *Journal of Molecular Structure*, **2016**, 1123, 394-399	3.4	4
146	Thermodynamic studies of (RbF + RbCl + H2O) and (CsF + CsCl + H2O) ternary systems from potentiometric measurements at T = 298.2 K. *Journal of Chemical Thermodynamics*, **2016**, 103, 157-164	2.9	6
145	Multivariable Modular Design of Pore Space Partition. *Journal of the American Chemical Society*, **2016**, 138, 15102-15105	16.4	103
144	Rapid and efficient degradation of bisphenol A by chloroperoxidase from Caldariomyces fumago: product analysis and ecotoxicity evaluation of the degraded solution. *Biotechnology Letters*, **2016**, 38, 1483-91	3	3
143	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anion-Exchange Encapsulation of Nucleotides and Coenzymes. *Angewandte Chemie*, **2016**, 128, 2818-2822	3.6	17
142	Determination and Correlation of Liquid–Solid Phase Behaviors of Polyhydric Alcohol + KBr + H2O Ternary Systems at 288.15, 298.15, and 308.15 K. *Chemical Engineering Communications*, **2016**, 203, 136-149	2.2	1
141	Physicochemical and excess properties of binary mixtures of (1-alkyl-3-methylimidazoliumchloride/bromide + ethylene glycol) at T = (288.15 to 333.15) K. *Chemical Papers*, **2016**, 70,	1.9	1
140	Mesoporous In2O3 materials prepared by solid-state thermolysis of indium-organic frameworks and their high HCHO-sensing performance. *Inorganic Chemistry Communication*, **2016**, 63, 48-52	3.1	31
139	Study of the Physicochemical and Excess Properties of Binary Systems Composed of Ionic Liquids ([Cnmim]Cl, n = 6, 8) and Three Dipolar Aprotic Solvents at T = 288.15–333.15 K. *Chemical Engineering Communications*, **2016**, 203, 985-993	2.2	1
138	[AgPb2I3(OH)2]: An unprecedented quaternary heterometallic semiconducting framework synthesized under ionothermal condition. *Inorganic Chemistry Communication*, **2016**, 67, 6-9	3.1	1
137	Advancing Magnesium–Organic Porous Materials through New Magnesium Cluster Chemistry. *Crystal Growth and Design*, **2016**, 16, 1261-1267	3.5	28
136	Systematic and Dramatic Tuning on Gas Sorption Performance in Heterometallic Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2016**, 138, 2524-7	16.4	236
135	Measurement and Correlation of Solubilities and Solution Thermodynamics for N,N-Diethylformamide + MCl (M = Na, K, Rb, and Cs) + Water Systems in the Temperature Range 288.15–338.15 K. *Journal of Chemical & Engineering Data*, **2016**, 61, 1649-1656	2.8	9
134	Activity Coefficients of RbF in Urea–Water and Formamide–Water Mixtures from Potentiometric Measurements. *Journal of Chemical & Engineering Data*, **2016**, 61, 220-227	2.8	3
133	Combination of enzymatic degradation by chloroperoxidase with activated sludge treatment to remove sulfamethoxazole: performance, and eco-toxicity assessment. *Journal of Chemical Technology and Biotechnology*, **2016**, 91, 2802-2809	3.5	15
132	Framework Cationization by Preemptive Coordination of Open Metal Sites for Anion-Exchange Encapsulation of Nucleotides and Coenzymes. *Angewandte Chemie - International Edition*, **2016**, 55, 2768-72	16.4	103
131	An ultra-tunable platform for molecular engineering of high-performance crystalline porous materials. *Nature Communications*, **2016**, 7, 13645	17.4	165
130	Phase equilibrium and activity coefficients in ternary systems at 298.15K: RbCl/CsCl+ethylene carbonate+water. *Journal of Chemical Thermodynamics*, **2016**, 98, 309-316	2.9	6

129	Activity coefficients of CsF in (Urea + H2O) or (N-methylformamide + H2O) mixed solvents at 298.2 K. *Journal of Molecular Liquids*, **2016**, 220, 829-835	6	2
128	Phase behavior of [C mim]Cl/Br (n= 2, 4, 6, 8) + MNO3(M = Na, K, Rb, Cs) + H2O systems at 298.15 K. *Journal of Molecular Liquids*, **2016**, 215, 237-243	6	2
127	Organization of Lithium Cubane Clusters into Three-Dimensional Porous Frameworks by Self-Penetration and Self-Polymerization. *Crystal Growth and Design*, **2016**, 16, 6531-6536	3.5	11
126	Design of Highly Connected Cd-Tetrazolate-Dicarboxylate Frameworks with Enhanced CO2/CH4 and C2 Hydrocarbons/CH4 Separation Performance. *Crystal Growth and Design*, **2016**, 16, 6430-6435	3.5	14
125	Activity Coefficients of RbF in the RbF + RbBr + H2O and RbF + RbNO3 + H2O Ternary Systems Using the Potentiometric Method at 298.2 K. *Journal of Chemical & Engineering Data*, **2016**, 61, 3481-3487	2.8	
124	Solid–Liquid Equilibrium (SLE) for Polyhydric Alcohol + Cs2SO4 + H2O Ternary Systems at Different Temperatures. *Chemical Engineering Communications*, **2015**, 202, 1304-1315	2.2	1
123	From Hemoglobin to Porous N–Fe-Doped Carbon for Efficient Oxygen Electroreduction. *Journal of Physical Chemistry C*, **2015**, 119, 13545-13550	3.8	26
122	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, 9862-8	5.1	68
121	Synthesis, crystal structures and gas adsorption of two porous pillar-layered MOFs decorated with different functional groups. *Inorganic Chemistry Communication*, **2015**, 62, 107-110	3.1	20
120	Porous Cd-carboxylate frameworks tuned by the bulk of linker: Interpenetrated nets, selective CO2 uptakes and high water vapor adsorption. *Inorganic Chemistry Communication*, **2015**, 61, 200-203	3.1	6
119	Density, refractive index, and viscosity of binary systems composed of ionic liquids ([Cnmim]Cl, n = 2, 4) and three dipolar aprotic solvents at T = 288.15–318.15 K. *Chemical Papers*, **2015**, 69,	1.9	5
118	Enzymatic synthesis of (R)-modafinil by chloroperoxidase-catalyzed enantioselective sulfoxidation of 2-(diphenylmethylthio) acetamide. *Biochemical Engineering Journal*, **2015**, 93, 243-249	4.2	13
117	Cooperative Crystallization of Heterometallic Indium-Chromium Metal-Organic Polyhedra and Their Fast Proton Conductivity. *Angewandte Chemie - International Edition*, **2015**, 54, 7886-90	16.4	126
116	Cooperative Crystallization of Heterometallic Indium–Chromium Metal–Organic Polyhedra and Their Fast Proton Conductivity. *Angewandte Chemie*, **2015**, 127, 7997-8001	3.6	20
115	Biocatalytic synthesis of C3 chiral building blocks by chloroperoxidase-catalyzed enantioselective halo-hydroxylation and epoxidation in the presence of ionic liquids. *Biotechnology Progress*, **2015**, 31, 724-9	2.8	12
114	Determination of the Activity Coefficients of LiCl in Polyhydric Alcohols–Water Mixtures at 298.15 K. *Journal of Chemical & Engineering Data*, **2015**, 60, 697-706	2.8	
113	Pore space partition by symmetry-matching regulated ligand insertion and dramatic tuning on carbon dioxide uptake. *Journal of the American Chemical Society*, **2015**, 137, 1396-9	16.4	227
112	Pillar-layered Zn–Triazolate–Carboxylate frameworks tuned by the bend angles of ditopic ligands. *Inorganic Chemistry Communication*, **2015**, 53, 84-87	3.1	5

111	Osmotic and activity coefficient investigation on the CsNO3+methanol+water and CsNO3+ethanol+water ternary systems at 298.15K. *Journal of Molecular Liquids*, **2014**, 195, 205-211	6	3
110	Thermodynamic studies on CsF/RbF in N,N-dimethylformamide/N,N-dimethylacetamide + H2O mixtures at T = 298.15 K. *Journal of Chemical Thermodynamics*, **2014**, 77, 71-76	2.9	2
109	Physicochemical Properties for the Binary Systems of Ionic Liquids [Cnmim]Cl + N,N-Dimethylformamide. *Journal of Chemical & Engineering Data*, **2014**, 59, 1411-1422	2.8	25
108	Investigation on the thermodynamic properties of KCl/CsCl + NaCl + CH3OH + H2O quaternary systems at 298.15 K. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 2159-2165	6.3	3
107	SOLUBILITIES, DENSITIES, AND REFRACTIVE INDICES FOR THE TERNARY SYSTEMS 1,2-PROPYLENE GLYCOL + MNO3 + H2O (M = Na, K, Rb, Cs) AT 25 AND 35 C. *Chemical Engineering Communications*, **2014**, 201, 323-337	2.2	1
106	Ionic liquids used for synthesis of supramolecular isomeric open-frameworks as photocatalysts for visible-light-driven degradation of organic dyes. *CrystEngComm*, **2014**, 16, 3474	3.3	5
105	Synthesis, Crystal Structures, and Solid-State Luminescent Properties of Diverse Ln Pyridine-3,5-Dicarboxylate Coordination Polymers Modulated by the Ancillary Ligand. *Crystal Growth and Design*, **2014**, 14, 177-188	3.5	31
104	Investigating thermodynamic properties of LiCl in amide water mixtures with e-increasing and e-decreasing solvent at 298.15K. *Fluid Phase Equilibria*, **2014**, 382, 127-132	2.5	1
103	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	3.9	14
102	Measurements and Correlations of the Solid iquid Equilibrium of RbCl/CsCl + [Cnmim]Cl (n = 2, 4, 6, 8) + H2O Ternary Systems at T = (288.15, 298.15, and 308.15) K. *Journal of Chemical & Engineering Data*, **2014**, 59, 726-735	2.8	21
101	Solid iquid Equilibrium (SLE) of the N,N-Dimethylacetamide (DMA) + MCl (M = Na, K, Rb, and Cs) + Water Ternary Systems at Multiple Temperatures. *Journal of Chemical & Engineering Data*, **2014**, 59, 1423-1434	2.8	19
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