

# Yun-Ling Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200  
papers

9,152  
citations

50  
h-index

89  
g-index

208  
ext. papers

10,474  
ext. citations

7  
avg, IF

6.43  
L-index

#	Paper	IF	Citations
200	Highly efficient Cr(VI) removal from industrial electroplating wastewater over BiS nanostructures prepared by dual sulfur-precursors: Insights on the promotion effect of sulfate ions. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 424, 127423	12.8	3
199	Self-assembly of 3p-Block Metal-based Metal-Organic Frameworks from Structural Perspective. <i>Chemical Research in Chinese Universities</i> , <b>2022</b> , 38, 31-44	2.2	0
198	High-performance carbonized ZIF-8-doped hybrid carbon molecular sieve membrane for CO <sub>2</sub> /N <sub>2</sub> separation. <i>Journal of Membrane Science</i> , <b>2022</b> , 655, 120610	9.6	1
197	Fabrication of Metal Nanoparticle Composites by Slow Chemical Reduction of Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 16447-16454	5.1	1
196	General Synthesis of Hierarchically Macro/Mesoporous Fe,Ni-Doped CoSe/N-Doped Carbon Nanoshells for Enhanced Electrocatalytic Oxygen Evolution. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 6782-6789	5.1	3
195	Preparation of Superhydrophobic Metal-Organic Framework/Polymer Composites as Stable and Efficient Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 32175-32183	9.5	2
194	Superprotonic conductivity of a 3D anionic metal-organic framework by synergistic effect of guest [Me <sub>2</sub> NH <sub>2</sub> ] <sup>+</sup> cations, water molecules and host carboxylates. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 299, 122168	3.3	2
193	Separation of hexane isomers by introducing triangular-like and quadrilateral-like channels in a bcu-type metal-organic framework. <i>Nano Research</i> , <b>2021</b> , 14, 526-531	10	6
192	Inquiry for the multifunctional design of metal-organic frameworks: in situ equipping additional open metal sites (OMSs) inducing high CO <sub>2</sub> capture/conversion abilities. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 1398-1404	7.8	4
191	4.8 nm Concave {M <sub>72</sub> } (M=Co, Ni, Fe) metal-organic polyhedra capped by 18 calixarenes. <i>Science China Chemistry</i> , <b>2021</b> , 64, 426-431	7.9	7
190	Recent progress in the design and synthesis of zeolite-like metal-organic frameworks (ZMOFs). <i>Dalton Transactions</i> , <b>2021</b> , 50, 3450-3458	4.3	3
189	Tailored N-doped porous carbons via a MOF assembly process for high-performance CO <sub>2</sub> uptake. <i>Materials Advances</i> , <b>2021</b> , 2, 692-699	3.3	4
188	Construction of Zn/Ni Bimetallic Organic Framework Derived ZnO/NiO Heterostructure with Superior n-Propanol Sensing Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9206-9215	9.5	18
187	Small Molecules, Big Effects: Tuning Adsorption and Catalytic Properties of Metal-Organic Frameworks. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 1444-1454	9.6	19
186	Structural Regulation and Light Hydrocarbon Adsorption/Separation of Three Zirconium-Organic Frameworks Based on Different V-Shaped Ligands. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41680-41687	9.5	6
185	Boosting hydrogen evolution over Ni <sub>6</sub> (SCH <sub>2</sub> Ph) <sub>12</sub> nanocluster modified TiO <sub>2</sub> via pseudo-Z-scheme interfacial charge transfer. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 292, 120158	21.8	4
184	Highly efficient degradation of chlorophenol over bismuth oxides upon near-infrared irradiation: Unraveling the effect of Bi-O-Bi-O defects cluster and 1O <sub>2</sub> involved process. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 298, 120576	21.8	7

183	A dual-emissive europium-based metal-organic framework for selective and sensitive detection of Fe and Fe. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13823-13829	4.3	0
182	Contiguous layer based metal-organic framework with conjugated Electron ligand for high iodine capture. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13096-13102	4.3	5
181	Hydrocarbon Separation: Designer Metal-Organic Frameworks for Size-Exclusion-Based Hydrocarbon Separations: Progress and Challenges (Adv. Mater. 44/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070333	24	6
180	An Imide-Decorated Indium-Organic Framework for Efficient and Selective Capture of Carcinogenic Dyes with Diverse Adsorption Interactions. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 3199-3207	3.5	20
179	Designer Metal-Organic Frameworks for Size-Exclusion-Based Hydrocarbon Separations: Progress and Challenges. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002603	24	81
178	Post-synthetic metal-ion metathesis in a single-crystal-to-single-crystal process: improving the gas adsorption and separation capacity of an indium-based metal-organic framework. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1591-1597	6.8	5
177	Highly Selective Separation of CH and CH from CH within Two Water-Stable Zn Cluster-Based Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 18642-18649	9.5	18
176	A multifunctional double walled zirconium metal-organic framework: high performance for CO <sub>2</sub> adsorption and separation and detecting explosives in the aqueous phase. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 17106-17112	13	11
175	Three stable dinuclear [M <sub>2</sub> (OH) <sub>0.5</sub> (NO <sub>3</sub> ) <sub>0.5</sub> (RCOO) <sub>2</sub> (RN) <sub>4</sub> ] (M = Cu, Ni) based metal-organic frameworks with high CO <sub>2</sub> adsorption and selective separation for O <sub>2</sub> /N <sub>2</sub> and C <sub>3</sub> H <sub>8</sub> /CH <sub>4</sub> . <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 731-736	6.8	3
174	Highly effective and fast removal of anionic carcinogenic dyes via an In <sub>3</sub> -cluster-based cationic metal-organic framework with nitrogen-rich ligand. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 182-188	7.8	22
173	Self-sacrificed construction of defect-rich ZnO@ZIF-8 nanocomposites with enhanced photocurrent properties. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 1046-1053	6.8	3
172	Structured carbon fiber cloth-templated ZIF-8 by binder-free method for efficient dyes removal from water. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 242, 122563	4.4	11
171	Highly efficient synergistic CO <sub>2</sub> conversion with epoxide using copper polyhedron-based MOFs with Lewis acid and base sites. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 4517-4526	6.8	15
170	Quest for Zeolite-like Supramolecular Assemblies: Self-Assembly of Metal-Organic Squares via Directed Hydrogen Bonding. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 19827-19830	3.6	0
169	Recent Progress on Microfine Design of Metal-Organic Frameworks: Structure Regulation and Gas Sorption and Separation. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002563	24	65
168	Quest for Zeolite-like Supramolecular Assemblies: Self-Assembly of Metal-Organic Squares via Directed Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 19659-19662	16.4	8
167	Two urea-functionalized pcu metal-organic frameworks based on a pillared-layer strategy for gas adsorption and separation. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3500-3508	6.8	9
166	Two unique copper cluster-based metal-organic frameworks with high performance for CO <sub>2</sub> adsorption and separation. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 556-561	6.8	15

165	Two ultramicroporous metal-organic frameworks assembled from binuclear secondary building units for highly selective CO/N separation. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1680-1685	4.3	6
164	Bi <sub>4</sub> O <sub>5</sub> I <sub>2</sub> flower/Bi <sub>2</sub> S <sub>3</sub> nanorod heterojunctions for significantly enhanced photocatalytic performance. <i>CrystEngComm</i> , <b>2019</b> , 21, 4158-4168	3.3	13
163	Self-assembly of two robust 3D supramolecular organic frameworks from a geometrically non-planar molecule for high gas selectivity performance. <i>Chemical Science</i> , <b>2019</b> , 10, 6565-6571	9.4	14
162	A multifunctional Zr(IV)-based metal-organic framework for highly efficient elimination of Cr(VI) from the aqueous phase. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 16833-16841	13	58
161	A Stable Mesoporous Zr-Based Metal Organic Framework for Highly Efficient CO Conversion. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 7480-7487	5.1	37
160	A Zn(II) metal-organic framework constructed by a mixed-ligand strategy for CO <sub>2</sub> capture and gas separation. <i>CrystEngComm</i> , <b>2019</b> , 21, 3289-3294	3.3	13
159	In situ synthesis of a FeS/MIL-53(Fe) hybrid catalyst for an efficient electrocatalytic hydrogen evolution reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 4570-4573	5.8	51
158	A Pillar-Layered Zn-LMOF with Uncoordinated Carboxylic Acid Sites: High Performance for Luminescence Sensing Fe and TNP. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 4026-4032	5.1	77
157	Two Cuxly-based copper-organic frameworks with multiple secondary building units (SBUs): structure, gas adsorption and impressive ability of I <sub>2</sub> sorption and release. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 1261-1266	6.8	11
156	Supramolecular interactions induced distortion of BTB ligands: breaking convention to reproduce an unusual (3,4,4)-connected MOF topology. <i>Dalton Transactions</i> , <b>2019</b> , 48, 5511-5514	4.3	3
155	Hollow Multi-Shelled Structure with Metal-Organic-Framework-Derived Coatings for Enhanced Lithium Storage. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5266-5271	16.4	67
154	Molten salt synthesis of Co-entrapped, N-doped porous carbon from various nitrogen precursors as efficient electrocatalysts for hydrogen evolution. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 638-647	4.3	8
153	Photoelectrochemical determination of malathion by using CuO modified with a metal-organic framework of type Cu-BTC. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 481	5.8	11
152	Hollow Multi-Shelled Structure with Metal-Organic-Framework-Derived Coatings for Enhanced Lithium Storage. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5320-5325	3.6	12
151	A three-dimensional Cu-MOF with strong H <sub>2</sub> O interactions exhibiting high water and chemical stability. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 99, 108-112	3.1	7
150	Highly selective oxidation of glycerol over Bi/Bi <sub>3</sub> .64Mo <sub>0.36</sub> O <sub>6.55</sub> heterostructure: Dual reaction pathways induced by photogenerated <sup>1</sup> O <sub>2</sub> and holes. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 244, 206-214	21.8	49
149	Indium-Organic Frameworks Based on Dual Secondary Building Units Featuring Halogen-Decorated Channels for Highly Effective CO <sub>2</sub> Fixation. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 1084-1091	9.6	97
148	Structuring ZIF-8-based hybrid material with hierarchical pores by in situ synthesis and thermal treatment for enhancement of CO <sub>2</sub> uptake. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 269, 507-512	3.3	17

147	Two Stable Zn-Cluster-Based Metal-Organic Frameworks with Breathing Behavior: Synthesis, Structure, and Adsorption Properties. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 391-396	5.1	21
146	A novel polyhedron-based metal-organic framework with high performance for gas uptake and light hydrocarbon separation. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5005-5010	4.3	9
145	An ultrastable Zr-MOF for fast capture and highly luminescence detection of Cr2O7 <sup>2-</sup> simultaneously in an aqueous phase. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 6363-6369	13	96
144	Hydrogen bond-induced bright enhancement of fluorescent silica cross-linked micellar nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 519, 224-231	9.3	1
143	An anionic single-walled metal-organic nanotube with an armchair (3,3) topology as an extremely smart adsorbent for the effective and selective adsorption of cationic carcinogenic dyes. <i>Chemical Communications</i> , <b>2018</b> , 54, 3006-3009	5.8	48
142	A chelation-induced cooperative self-assembly methodology for the synthesis of mesoporous metal hydroxide and oxide nanospheres. <i>Nanoscale</i> , <b>2018</b> , 10, 5731-5737	7.7	14
141	Core-shell structured hierarchically porous NiO microspheres with enhanced electrocatalytic activity for oxygen evolution reaction. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 1199-1206	6.8	9
140	A metal-calixarene coordination nanotube with 5-(pyrimidin-5-yl)isophthalic acid. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1782-1785	4.3	10
139	Two Metal-Organic Frameworks with Structural Varieties Derived from cis-trans Isomerism Nodes and Effective Detection of Nitroaromatic Explosives. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 1857-1863	3.5	39
138	Co-entrapped, N-doped mesoporous carbons prepared from melamine formaldehyde resins with CoCl <sub>2</sub> as template for hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 516, 416-422	9.3	11
137	Novel Schiff base (DBDDP) selective detection of Fe (III): Dispersed in aqueous solution and encapsulated in silica cross-linked micellar nanoparticles in living cell. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 514, 357-363	9.3	6
136	An Extra-Large-Pore Zeolite with 2488-Ring Channels Using a Structure-Directing Agent Derived from Traditional Chinese Medicine. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6486-6490	16.4	31
135	A water stable microporous metal-organic framework based on rod SBUs: synthesis, structure and adsorption properties. <i>CrystEngComm</i> , <b>2018</b> , 20, 2169-2174	3.3	8
134	Controlled Synthesis of Noble [email protected] Carbon Colloids as Highly Active Nanocatalysts. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 1563-1568	5.6	4
133	Two anthracene-based metal-organic frameworks for highly effective photodegradation and luminescent detection in water. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 17177-17185	13	62
132	Tunable MoS <sub>2</sub> /SnO <sub>2</sub> p-n Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 12375-12384	8.3	106
131	Enhancing Gas Sorption and Separation Performance via Bisbenzimidazole Functionalization of Highly Porous Covalent Triazine Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 26678-26686	9.5	36
130	A Microporous Heterovalent Copper-Organic Framework Based on [Cu <sub>2</sub> I] <sub>n</sub> and Cu <sub>2</sub> (CO <sub>2</sub> ) <sub>4</sub> Secondary Building Units: High Performance for CO <sub>2</sub> Adsorption and Separation and Iodine Sorption and Release. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 5449-5455	3.5	25

129	Assembly of Zeolite-like Metal-Organic Framework: An Indium-ZMOF Possessing GIS Topology and High CO Capture. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 10679-10684	5.1	13
128	Mesoporous Hexanuclear Copper Cluster-Based Metal-Organic Framework with Highly Selective Adsorption of Gas and Organic Dye Molecules. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 31233-31239	9.5	39
127	Tuning the gate opening pressure of a flexible doubly interpenetrated metal-organic framework through ligand functionalization. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13158-13163	4.3	15
126	Architecture of yolk-shell structured mesoporous silica nanospheres for catalytic applications. <i>Dalton Transactions</i> , <b>2018</b> , 47, 9072-9078	4.3	16
125	Synthesis of hierarchical hollow sodium titanate microspheres and their application for selective removal of organic dyes. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 528, 109-115	9.3	16
124	Multiple dye-doped silica cross-linked micellar nanoparticles for colour-tuneable sensing of cysteine in an aqueous media and living cells. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 529, 531-537	9.3	6
123	Metal-organic frameworks based on bipyridinium carboxylate: photochromism and selective vapochromism. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2084-2089	7.1	60
122	An anionic metal-organic framework with ternary building units for rapid and selective adsorption of dyes. <i>Dalton Transactions</i> , <b>2017</b> , 46, 3332-3337	4.3	70
121	New Polymer Colloidal and Carbon Nanospheres: Stabilizing Ultrasmall Metal Nanoparticles for Solvent-Free Catalysis. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 4044-4051	9.6	30
120	Fe(III)-Modified BiOBr Hierarchitectures for Improved Photocatalytic Benzyl Alcohol Oxidation and Organic Pollutants Degradation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 5935-5943	3.9	57
119	Enhancing Proton Conductivity in a 3D Metal-Organic Framework by the Cooperation of Guest [Me <sub>2</sub> NH <sub>2</sub> ] <sup>+</sup> Cations, Water Molecules, and Host Carboxylates. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 3556-3561	3.5	42
118	Assembly of an indium porphyrin framework JLU-Liu7: a mesoporous metal-organic framework with high gas adsorption and separation of light hydrocarbons. <i>Inorganic Chemistry Frontiers</i> , <b>2017</b> , 4, 139-143	6.8	18
117	A Flexible Doubly Interpenetrated Metal-Organic Framework with Breathing Behavior and Tunable Gate Opening Effect by Introducing Co into ZnO Clusters. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 6645-6651	5.1	35
116	Structure directing agents induced morphology evolution and phase transition from indium-based rho- to sod-ZMOF. <i>CrystEngComm</i> , <b>2017</b> , 19, 4265-4268	3.3	10
115	In-situ room-temperature synthesis of amorphous/crystalline contact Bi <sub>2</sub> S <sub>3</sub> /Bi <sub>2</sub> WO <sub>6</sub> heterostructures for improved photocatalytic ability. <i>Ceramics International</i> , <b>2017</b> , 43, 11296-11304	5.1	30
114	Transformation from single-mesoporous to dual-mesoporous organosilica nanoparticles. <i>Nanoscale</i> , <b>2017</b> , 9, 6362-6369	7.7	5
113	Enhancement of Gas Sorption and Separation Performance via Ligand Functionalization within Highly Stable Zirconium-Based Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 2131-2139	3.5	27
112	Enhanced adsorptive removal of anionic and cationic dyes from single or mixed dye solutions using MOF PCN-222. <i>RSC Advances</i> , <b>2017</b> , 7, 16273-16281	3.7	132

111	Two Finite Binuclear [M(E <sub>2</sub> H)(COO)] (M = Co, Ni) Based Highly Porous Metal-Organic Frameworks with High Performance for Gas Sorption and Separation. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4141-4147	5.1	37
110	Lewis basic site (LBS)-functionalized zeolite-like supramolecular assemblies (ZSAs) with high CO <sub>2</sub> uptake performance and highly selective CO <sub>2</sub> /CH <sub>4</sub> separation. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21429-21434	13	15
109	A general synthesis of abundant metal nanoparticles functionalized mesoporous graphitized carbon. <i>RSC Advances</i> , <b>2017</b> , 7, 50966-50972	3.7	5
108	Self-assembly of Homochiral Porous Supramolecular Organic Frameworks with Significant CO <sub>2</sub> Capture and CO <sub>2</sub> /N <sub>2</sub> Selectivity. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 6653-6659	3.5	26
107	Two Analogous Polyhedron-Based MOFs with High Density of Lewis Basic Sites and Open Metal Sites: Significant CO Capture and Gas Selectivity Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 32820-32828	9.5	38
106	Molten salt synthesis of Co-entrapped, N-doped porous carbon as efficient hydrogen evolving electrocatalysts. <i>Materials Letters</i> , <b>2017</b> , 209, 256-259	3.3	7
105	Generation of defect clusters for 1O <sub>2</sub> production for molecular oxygen activation in photocatalysis. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 23453-23459	13	62
104	Reversibly photo-switchable wettability of stearic acid monolayer modified bismuth-based micro-/nanomaterials. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 31666-31674	3.6	9
103	Ionic liquid-employed synthesis of Bi <sub>2</sub> E <sub>3</sub> (E = S, Se, and Te) hierarchitectures: The case of Bi <sub>2</sub> S <sub>3</sub> with superior visible-light-driven Cr(VI) photoreduction capacity. <i>Chemical Engineering Journal</i> , <b>2017</b> , 327, 371-386	14.7	49
102	Tuning Gas Adsorption Properties of Zeolite-like Supramolecular Assemblies with gis Topology via Functionalization of Isorecticular Metal-Organic Squares. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 33521-33527	9.5	21
101	Three novel bismuth-based coordination polymers: Synthesis, structure and luminescent properties. <i>Inorganic Chemistry Communication</i> , <b>2017</b> , 85, 70-73	3.1	16
100	Fabrication uniform hollow BiS nanospheres via Kirkendall effect for photocatalytic reduction of Cr(VI) in electroplating industry wastewater. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 340, 253-262	12.8	116
99	Solvent-Controlled Assembly of Ionic Metal-Organic Frameworks Based on Indium and Tetracarboxylate Ligand: Topology Variety and Gas Sorption Properties. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5554-5562	3.5	40
98	Two Functional Porous Metal-Organic Frameworks Constructed from Expanded Tetracarboxylates for Gas Adsorption and Organosulfurs Removal. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 7301-7307	3.5	17
97	Sensitive, Selective, and Fast Detection of ppb-Level HS Gas Boosted by ZnO-CuO Mesocrystal. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 475	5	27
96	Engineering of multi-shelled SnO <sub>2</sub> hollow microspheres for highly stable lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 17673-17677	13	108
95	Ru(bpy) <sub>2</sub> (phen-5-NH <sub>2</sub> ) <sub>2</sub> <sup>2+</sup> doped ultrabright and photostable fluorescent silica nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 51591-51597	3.7	4
94	A controllable asymmetrical/symmetrical coating strategy for architectural mesoporous organosilica nanostructures. <i>Nanoscale</i> , <b>2016</b> , 8, 13581-8	7.7	28

93	Functionalized mesoporous silica nanoparticles as a catalyst to synthesize a luminescent polymer/silica nanocomposite. <i>RSC Advances</i> , <b>2016</b> , 6, 16461-16466	3.7	15
92	Significant enhancement of gas uptake capacity and selectivity via the judicious increase of open metal sites and Lewis basic sites within two polyhedron-based metal-organic frameworks. <i>Chemical Communications</i> , <b>2016</b> , 52, 3223-6	5.8	61
91	Facile Fabricating Hierarchically Porous Metal-Organic Frameworks via a Template-Free Strategy. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 504-510	3.5	44
90	Mixed anionic surfactant-templated mesoporous silica nanoparticles for fluorescence detection of Fe(3+). <i>Dalton Transactions</i> , <b>2016</b> , 45, 508-14	4.3	21
89	Discrete {Ni40} Coordination Cage: A Calixarene-Based Johnson-Type (J17) Hexadecahedron. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2969-72	16.4	68
88	Immobilization of Bacillus subtilis lipase on a Cu-BTC based hierarchically porous metal-organic framework material: a biocatalyst for esterification. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6998-7003	4.3	93
87	Host-Guest Chirality Interplay: A Mutually Induced Formation of a Chiral ZMOF and Its Double-Helix Polymer Guests. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 786-9	16.4	93
86	Ti(IV) oxalate complex-derived hierarchical hollow TiO2 materials with dye degradation properties in water. <i>Dalton Transactions</i> , <b>2016</b> , 45, 265-70	4.3	10
85	Modification with Metallic Bismuth as Efficient Strategy for the Promotion of Photocatalysis: The Case of Bismuth Phosphate. <i>ChemSusChem</i> , <b>2016</b> , 9, 1579-85	8.3	68
84	Crystal Defect Engineering of Aurivillius Bi2MoO6 by Ce Doping for Increased Reactive Species Production in Photocatalysis. <i>ACS Catalysis</i> , <b>2016</b> , 6, 3180-3192	13.1	236
83	Two heterovalent copper-organic frameworks with multiple secondary building units: high performance for gas adsorption and separation and I2 sorption and release. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15081-15087	13	40
82	Assembly of two Cu-based coordination polymers from 2-(pyridine-3-yl)-1H-4,5-imidazolecarboxylate ligand. <i>Inorganic Chemistry Communication</i> , <b>2015</b> , 52, 69-72	3.1	6
81	The performance of mesoporous organosilicas with phenyl groups in Heme protein immobilization. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 739-745	3.6	2
80	Two stable 3D porous metal-organic frameworks with high performance for gas adsorption and separation. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 16627-16632	13	74
79	Highly sensitive and selective detection of phosphate using novel highly photoluminescent water-soluble Mn-doped ZnTe/ZnSe quantum dots. <i>Talanta</i> , <b>2015</b> , 144, 680-5	6.2	14
78	A facile photoluminescence modulated nanosensor based on nitrogen-doped graphene quantum dots for sulfite detection. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8114-8120	3.6	37
77	In situ synthesis of a series of lanthanide coordination polymers based on N-heterocyclic carboxylate ligands: Crystal structure and luminescence. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 438, 128-134	2.7	9
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74	Thickness-tunable solvothermal synthesis of BiOCl nanosheets and their photosensitization catalytic performance. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 1274-1280	3.6	37
73	A luminescent cadmium metal-organic framework for sensing of nitroaromatic explosives. <i>Dalton Transactions</i> , <b>2015</b> , 44, 230-6	4.3	115
72	Structural diversity and magnetic properties of three metal-organic frameworks assembled from a T-shaped linker. <i>CrystEngComm</i> , <b>2015</b> , 17, 604-611	3.3	12
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70	Fe@C core-shell and Fe@C yolk-shell particles for effective removal of 4-chlorophenol. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 3988-3994	13	40
69	Time-dependent evolution of the Bi <sub>3.64</sub> Mo <sub>0.36</sub> O <sub>6.55</sub> /Bi <sub>2</sub> MoO <sub>6</sub> heterostructure for enhanced photocatalytic activity via the interfacial hole migration. <i>Nanoscale</i> , <b>2015</b> , 7, 11991-9	7.7	94
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65	Surface charge tuning of functionalized silica cross-linked micellar nanoparticles encapsulating a donor-acceptor dye for Fe(III) sensing. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 2120-2127	13	21
64	Assembly of a Three-Dimensional Metal-Organic Framework with Copper(I) Iodide and 4-(Pyrimidin-5-yl) Benzoic Acid: Controlled Uptake and Release of Iodine. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 915-920	3.5	48
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61	Effects of substrate and transfer on CVD-grown graphene over sapphire-induced Cu films. <i>Science China Chemistry</i> , <b>2014</b> , 57, 895-901	7.9	9
60	A porous sodalite-type MOF based on tetrazolcarboxylate ligands and [Cu <sub>4</sub> Cl] <sup>7+</sup> squares with open metal sites for gas sorption. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2365-8	4.3	26
59	Resolution of 1,1,1-trifluoro-2-octanol by <i>Pseudomonas</i> sp. lipase encapsulated in aggregated silica nanoparticles. <i>RSC Advances</i> , <b>2014</b> , 4, 6103	3.7	2
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56	Anion-templated assembly of three indium-organic frameworks with diverse topologies. <i>CrystEngComm</i> , <b>2014</b> , 16, 9810-9816	3.3	14
55	Roles of H <sub>2</sub> in annealing and growth times of graphene CVD synthesis over copper foil. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 16208-16216	13	43
54	High performance gas adsorption and separation of natural gas in two microporous metal-organic frameworks with ternary building units. <i>Chemical Communications</i> , <b>2014</b> , 50, 8648-50	5.8	89
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