

Guang-Shan Zhu

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.

222
papers

14,835
citations

59
h-index

117
g-index

234
ext. papers

17,160
ext. citations

9.4
avg. IF

7.06
L-index

#	Paper	IF	Citations
222	Stable metal-organic framework fixing within zeolite beads for effectively static and continuous flow degradation of tetracycline by peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2022 , 134916	14.7	2
221	High energy and insensitive explosives based on energetic porous aromatic frameworks. <i>Nano Research</i> , 2022 , 15, 1698	10	1
220	Facile synthesis of porphyrin-based PAF membrane for hydrogen purification. <i>Inorganic Chemistry Communication</i> , 2022 , 141, 109526	3.1	0
219	Au Nanoparticles Supported by Porous Aromatic Frameworks Efficient and Recyclable Catalysts for Nitro Reduction. <i>Catalysts</i> , 2022 , 12, 588	4	0
218	Biological Application of Porous Aromatic Frameworks: State of the Art and Opportunities. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 11050-11060	6.4	1
217	Covalent-Linking Enabled Superior Compatibility of ZIF-8 Hybrid Membrane for Efficient Propylene Separation. <i>Advanced Materials</i> , 2021 , e2104606	24	1
216	Constructing Mesoporous Adsorption Channels and MOF-Polymer Interfaces in Electrospun Composite Fibers for Effective Removal of Emerging Organic Contaminants. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 755-764	9.5	26
215	Heteropoly Blue/Protonation-Defective Graphitic Carbon Nitride Heterojunction for the Photo-Driven Nitrogen Reduction Reaction. <i>Inorganic Chemistry</i> , 2021 , 60, 5829-5839	5.1	6
214	Surface-Mediated Construction of an Ultrathin Free-Standing Covalent Organic Framework Membrane for Efficient Proton Conduction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14875-14880	16.4	38
213	Surface-Mediated Construction of an Ultrathin Free-Standing Covalent Organic Framework Membrane for Efficient Proton Conduction. <i>Angewandte Chemie</i> , 2021 , 133, 15001-15006	3.6	5
212	Surface-gel-conversion synthesis of submicron-thick MFI zeolite membranes to expedite shape-selective separation of hexane isomers. <i>Science China Materials</i> , 2021 , 64, 374-382	7.1	6
211	Reaction: Goal-Oriented PAF Design for Uranium Extraction from Seawater. <i>Chem</i> , 2021 , 7, 277-278	16.2	4
210	Two flexible cationic metal-organic frameworks with remarkable stability for CO ₂ /CH ₄ separation. <i>Nano Research</i> , 2021 , 14, 3288-3293	10	3
209	Mixed monomer derived porous aromatic frameworks with superior membrane performance for CO ₂ capture. <i>Journal of Membrane Science</i> , 2021 , 632, 119372	9.6	5
208	Mechanical Bond Approach to Introducing Self-Adaptive Active Sites in Covalent Organic Frameworks for Zinc-Catalyzed Organophosphorus Degradation. <i>ACS Central Science</i> , 2021 , 7, 1698-1706	16.8	1
207	A Universal and Reversible Wet Adhesive via Straightforward Aqueous Self-Assembly of Polyethylenimine and Polyoxometalate. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47155-47162	9.5	1
206	Constructing Uranyl-Specific Nanofluidic Channels for Unipolar Ionic Transport to Realize Ultrafast Uranium Extraction. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14523-14529	16.4	9

205	Highly efficient Lewis acid catalytic activity of the tritylium ion at the node of a tensile organic framework. <i>Chemical Science</i> , 2021 , 12, 9786-9793	9.4	1
204	Enzyme-Inspired Assembly: Incorporating Multivariate Interactions to Optimize the Host-Guest Configuration for High-Speed Enantioselective Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 47966-47974	9.5	1
203	Confining Polyoxometalate Clusters into Porous Aromatic Framework Materials for Catalytic Desulfurization of Dibenzothiophene. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 25910-25919	9.5	25
202	Constructing an Ion Pathway for Uranium Extraction from Seawater. <i>CheM</i> , 2020 , 6, 1683-1691	16.2	32
201	Multifunctional porous aromatic frameworks: State of the art and opportunities. <i>EnergyChem</i> , 2020 , 2, 100037	36.9	12
200	Molecularly Imprinted Porous Aromatic Frameworks for Molecular Recognition. <i>ACS Central Science</i> , 2020 , 6, 1082-1094	16.8	16
199	Efficient Gold Recovery from E-Waste via a Chelate-Containing Porous Aromatic Framework. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30474-30482	9.5	19
198	Anion Substitution in Porous Aromatic Frameworks: Boosting Molecular Permeability and Selectivity for Membrane Acetylene Separation. <i>Advanced Materials</i> , 2020 , 32, e1907449	24	17
197	Ultramicroporous organic materials for selective separation of xenon from krypton. <i>Microporous and Mesoporous Materials</i> , 2020 , 305, 110390	5.3	2
196	Porous Aromatic Frameworks (PAFs). <i>Chemical Reviews</i> , 2020 , 120, 8934-8986	68.1	161
195	Bromine-Functionalized Covalent Organic Frameworks for Efficient Triboelectric Nanogenerator. <i>Chemistry - A European Journal</i> , 2020 , 26, 5784-5788	4.8	15
194	Porous Organic Frameworks Featured by Distinct Confining Fields for the Selective Hydrogenation of Biomass-Derived Ketones. <i>Advanced Materials</i> , 2020 , 32, e1908243	24	12
193	Screen printing directed synthesis of covalent organic framework membranes with water sieving property. <i>Chemical Communications</i> , 2020 , 56, 6519-6522	5.8	9
192	Light Hydrocarbon Separations Using Porous Organic Framework Materials. <i>Chemistry - A European Journal</i> , 2020 , 26, 3205-3221	4.8	35
191	Highly selective reduction of nitroarenes with gold nano-catalysts immobilized in porous aromatic frameworks. <i>Microporous and Mesoporous Materials</i> , 2020 , 306, 110393	5.3	3
190	Cationic Covalent Organic Frameworks for Fabricating an Efficient Triboelectric Nanogenerator 2020 , 2, 1691-1697		18
189	Porous Aromatic Framework with Tailored Binding Sites and Pore Sizes as a High-Performance Hemoperfusion Adsorbent for Bilirubin Removal. <i>Advanced Science</i> , 2020 , 7, 2001899	13.6	15
188	Inorganic nanocrystal-dynamic porous polymer assemblies with effective energy transfer for sensitive diagnosis of urine copper. <i>Chemical Science</i> , 2020 , 11, 12187-12193	9.4	4

187	Uniform and stable immobilization of metal-organic frameworks into chitosan matrix for enhanced tetracycline removal from water. <i>Chemical Engineering Journal</i> , 2020 , 382, 122893	14.7	111
186	Fabrication of Crystalline Microporous Membrane from 2D MOF Nanosheets for Gas Separation. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2371-2378	4.5	10
185	An Ionic Liquid on a Porous Organic Framework Support: A Recyclable Catalyst for the Knoevenagel Condensation in an Aqueous System. <i>ChemPlusChem</i> , 2020 , 85, 943-947	2.8	2
184	The fabrication of IMo6@iPAF-1 as an enzyme mimic in heterogeneous catalysis for oxidative desulfurization under O ₂ or air. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 9813-9824	13	8
183	Constructing amidoxime-modified porous adsorbents with open architecture for cost-effective and efficient uranium extraction. <i>Chemical Science</i> , 2020 , 11, 4747-4752	9.4	21
182	Porous Aromatic Framework Nanosheets Anchored with Lewis Pairs for Efficient and Recyclable Heterogeneous Catalysis. <i>Advanced Science</i> , 2020 , 7, 2000067	13.6	9
181	CO ₂ Capture with MOF Membranes 2019 , 323-359		2
180	An electrospun fiber based metal-organic framework composite membrane for fast, continuous, and simultaneous removal of insoluble and soluble contaminants from water. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 22559-22570	13	49
179	Ruthenium Inlaying Porous Aromatic Framework for Hydrogen Generation From Ammonia Borane. <i>Frontiers in Materials</i> , 2019 , 6,	4	6
178	Understanding the desulphurization process in an ionic porous aromatic framework. <i>Chemical Science</i> , 2019 , 10, 606-613	9.4	28
177	PAF-1@cellulose nanofibril composite aerogel for highly-efficient removal of bisphenol A. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 157-164	13	31
176	Fluorescein-based fluorescent porous aromatic framework for Fe ³⁺ detection with high sensitivity. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2327-2332	7.1	53
175	Polarity engineering of porous aromatic frameworks for specific water contaminant capture. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2507-2512	13	26
174	Small-pore CAU-21 and porous PIM-1 in mixed-matrix membranes for improving selectivity and permeability in hydrogen separation. <i>Chemical Communications</i> , 2019 , 55, 7101-7104	5.8	18
173	Pore-size dominated electrochemical properties of covalent triazine frameworks as anode materials for K-ion batteries. <i>Chemical Science</i> , 2019 , 10, 7695-7701	9.4	46
172	Microporous Organic Framework Materials for Membrane Separations 2019 , 413-436		
171	An Exceptionally Stable Tb-Based Metal-Organic Framework for Selectively and Sensitively Detecting Antibiotics in Aqueous Solution. <i>Inorganic Chemistry</i> , 2019 , 58, 7746-7753	5.1	69
170	Construction of a Stable Crystalline Polyimide Porous Organic Framework for C ₂ H ₂ /C ₂ H ₄ and CO ₂ /N ₂ Separation. <i>Chemistry - A European Journal</i> , 2019 , 25, 9045-9051	4.8	19

169	Porous Aromatic Framework Modified Electrospun Fiber Membrane as a Highly Efficient and Reusable Adsorbent for Pharmaceuticals and Personal Care Products Removal. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16662-16673	9.5	34
168	Phosphine-based porous aromatic frameworks for gold nanoparticle immobilization with superior catalytic activities. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 10004-10009	13	23
167	Porous Aromatic Frameworks as a Platform for Multifunctional Applications. <i>ACS Central Science</i> , 2019 , 5, 409-418	16.8	98
166	Ligand-Induced Tunable Dual-Color Emission Based on Lead Halide Perovskites for White Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15898-15904	9.5	11
165	A Highly Crystalline Fluorene-Based Porous Organic Framework with High Photoluminescence Quantum Yield. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900060	4.8	7
164	Constructing Connected Paths between UiO-66 and PIM-1 to Improve Membrane CO Separation with Crystal-Like Gas Selectivity. <i>Advanced Materials</i> , 2019 , 31, e1806853	24	110
163	Facile Synthesis of Ultrastable Porous Aromatic Frameworks by Suzuki-Miyaura Coupling Reaction for Adsorption Removal of Organic Dyes. <i>Chemistry - A European Journal</i> , 2019 , 25, 3903-3908	4.8	24
162	Synergic Catalysts of Polyoxometalate@Cationic Porous Aromatic Frameworks: Reciprocal Modulation of Both Capture and Conversion Materials. <i>Advanced Materials</i> , 2019 , 31, e1902444	24	30
161	Mixed matrix membranes derived from nanoscale porous organic frameworks for permeable and selective CO ₂ separation. <i>Journal of Membrane Science</i> , 2019 , 591, 117343	9.6	25
160	A Molecular Coordination Template Strategy for Designing Selective Porous Aromatic Framework Materials for Uranyl Capture. <i>ACS Central Science</i> , 2019 , 5, 1432-1439	16.8	38
159	2D Co-crystallization of molecular homologues promoted by size complementarity of the alkyl chains at the liquid/solid interface. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 17846-17851	3.6	1
158	2019 ,		5
157	Pervaporation with Zeolite Membranes 2019 , 255-285		
156	Mixed Matrix Membranes 2019 , 161-194		
155	Dual luminescent covalent organic frameworks for nitro-explosive detection. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 27148-27155	13	59
154	Size, Shape, and Porosity Control of Medi-MOF-1 via Growth Modulation under Microwave Heating. <i>Crystal Growth and Design</i> , 2019 , 19, 889-895	3.5	19
153	Porous aromatic framework (PAF-1) as hyperstable platform for enantioselective organocatalysis. <i>Science China Materials</i> , 2019 , 62, 194-202	7.1	14
152	Highly flexible magnesium silicate nanofibrous membranes for effective removal of methylene blue from aqueous solution. <i>Chemical Engineering Journal</i> , 2019 , 359, 1603-1616	14.7	48

151	Step-by-Step Assembly of Metal-Organic Frameworks from Trinuclear Cu Clusters. <i>Inorganic Chemistry</i> , 2019 , 58, 199-203	5.1	5
150	A Stable Metal-Organic Framework Featuring a Local Buffer Environment for Carbon Dioxide Fixation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4657-4662	16.4	222
149	A Stable Metal-Organic Framework Featuring a Local Buffer Environment for Carbon Dioxide Fixation. <i>Angewandte Chemie</i> , 2018 , 130, 4747-4752	3.6	25
148	Constructing synergistic groups in porous aromatic frameworks for the selective removal and recovery of lead(II) ions. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 5202-5207	13	36
147	Porous aromatic framework with mesopores as a platform for a super-efficient heterogeneous Pd-based organometallic catalysis. <i>Chemical Science</i> , 2018 , 9, 3523-3530	9.4	51
146	A Strategy to Obtain Long-Term Stable Heteropoly Blues for Photosensitive Property Investigations. <i>Advanced Optical Materials</i> , 2018 , 6, 1800225	8.1	20
145	Ultrathin ZIF-8 film containing polyoxometalate as an enhancer for selective formaldehyde sensing. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 5412-5419	7.1	38
144	A mineralized cell-based functional platform: construction of yeast cells with biogenetic intracellular hydroxyapatite nanoscaffolds. <i>Nanoscale</i> , 2018 , 10, 3489-3496	7.7	11
143	Task-specific design of a hierarchical porous aromatic framework as an ultrastable platform for large-sized catalytic active site binding. <i>Chemical Communications</i> , 2018 , 54, 1603-1606	5.8	16
142	Molecularly Imprinted Porous Aromatic Frameworks and Their Composite Components for Selective Extraction of Uranium Ions. <i>Advanced Materials</i> , 2018 , 30, e1706507	24	147
141	Microporous Organic Materials for Membrane-Based Gas Separation. <i>Advanced Materials</i> , 2018 , 30, 1700740	24	133
140	Fabrication of triazine-based Porous Aromatic Framework (PAF) membrane with structural flexibility for gas mixtures separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 67, 373-379	6.3	17
139	Two 3D Metal-Organic Frameworks Based on CoII and ZnII Clusters for Knoevenagel Condensation Reaction and Highly Selective Luminescence Sensing. <i>Crystal Growth and Design</i> , 2018 , 18, 5573-5581	3.5	68
138	Surface Pore Engineering of Covalent Organic Frameworks for Ammonia Capture through Synergistic Multivariate and Open Metal Site Approaches. <i>ACS Central Science</i> , 2018 , 4, 748-754	16.8	98
137	A Crystalline Polyimide Porous Organic Framework for Selective Adsorption of Acetylene over Ethylene. <i>Journal of the American Chemical Society</i> , 2018 , 140, 15724-15730	16.4	133
136	Construction of Porous Aromatic Frameworks with Exceptional Porosity via Building Unit Engineering. <i>Advanced Materials</i> , 2018 , 30, e1804169	24	38
135	Organic amines as templates: pore imprints with exactly matching sizes in a series of metal-organic frameworks. <i>Chemical Communications</i> , 2018 , 54, 11264-11267	5.8	6
134	A nanosized metal-organic framework with small pores for kinetic xenon separation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11797-11803	13	19

133	Molecularly Imprinted Porous Aromatic Frameworks Serving as Porous Artificial Enzymes. <i>Advanced Materials</i> , 2018 , 30, e1800069	24	45
132	Synthesis of an ultra-stable metal-organic framework for proton conduction. <i>CrystEngComm</i> , 2018 , 20, 3158-3161	3.3	16
131	Porous organic materials with ultra-small pores and sulfonic functionality for xenon capture with exceptional selectivity. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11163-11168	13	31
130	Hard-template synthesis of micro-mesoporous organic frameworks with controlled hierarchy. <i>Chemical Communications</i> , 2018 , 54, 8335-8338	5.8	9
129	Facile synthesis of an ultra-stable metal-organic framework with excellent acid and base resistance. <i>Faraday Discussions</i> , 2017 , 201, 63-70	3.6	9
128	Imparting Catalytic Activity to a Covalent Organic Framework Material by Nanoparticle Encapsulation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7481-7488	9.5	104
127	Novel Pyrene-Based Anionic Metal-Organic Framework for Efficient Organic Dye Elimination. <i>Crystal Growth and Design</i> , 2017 , 17, 2453-2457	3.5	18
126	Engineering microporous organic framework membranes for CO ₂ separations. <i>Molecular Systems Design and Engineering</i> , 2017 , 2, 182-190	4.6	11
125	A novel adenine-based zinc(II) metal-organic framework featuring the Lewis basic sites for heterogeneous catalysis. <i>Inorganic Chemistry Communication</i> , 2017 , 79, 55-59	3.1	22
124	An acid-stable hexaphosphate ester based metal-organic framework and its polymer composite as proton exchange membrane. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12943-12950	13	72
123	Porous Aromatic Framework as an Efficient Metal-Free Electro-catalyst for Non-enzymatic H ₂ O Sensing. <i>Chemistry - A European Journal</i> , 2017 , 23, 9467-9471	4.8	12
122	An Amino-Coordinated Metal-Organic Framework for Selective Gas Adsorption. <i>Inorganic Chemistry</i> , 2017 , 56, 6938-6942	5.1	48
121	A Homochiral Multifunctional Metal-Organic Framework with Rod-Shaped Secondary Building Units. <i>Nanomaterials</i> , 2017 , 7,	5.4	9
120	Electronic, magnetic and photophysical properties of MOFs and COFs: general discussion. <i>Faraday Discussions</i> , 2017 , 201, 87-99	3.6	5
119	Porous Aromatic Frameworks for Size-Selective Halogenation of Aryl Compounds. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30958-30963	9.5	13
118	One, two, and three-dimensional metal-organic coordination polymers derived from enantiopure organic phosphate: homochirality, water stability and proton conduction. <i>CrystEngComm</i> , 2017 , 19, 6325-6332	3.3	8
117	Porous aromatic framework as an efficient adsorbent in removing phenol from water. <i>Inorganic Chemistry Communication</i> , 2017 , 85, 110-112	3.1	6
116	Electropolymerization Porous Aromatic Framework Film As a Hole-Transport Layer for Inverted Perovskite Solar Cells with Superior Stability. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43688-43695	9.5	14

115	A proton-conductive lanthanide oxalatophosphonate framework featuring unique chemical stability: stabilities of bulk phase and surface structure. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 25350-25358 ¹³	14
114	Construction of Thermophilic Lipase-Embedded Metal-Organic Frameworks via Biomimetic Mineralization: A Biocatalyst for Ester Hydrolysis and Kinetic Resolution. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24517-24	9.5 151
113	Reticular Synthesis of a Series of HKUST-like MOFs with Carbon Dioxide Capture and Separation. <i>Inorganic Chemistry</i> , 2016 , 55, 9071-6	5.1 51
112	Electrochemical Synthesis and Catalytic Properties of Encapsulated Metal Clusters within Zeolitic Imidazolate Frameworks. <i>Chemistry - A European Journal</i> , 2016 , 22, 16613-16620	4.8 13
111	A bifunctional metal-organic framework featuring the combination of open metal sites and Lewis basic sites for selective gas adsorption and heterogeneous cascade catalysis. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 15240-15246	13 101
110	Metal-Organic Frameworks for CO Chemical Transformations. <i>Small</i> , 2016 , 12, 6309-6324	11 371
109	Coupling fullerene into porous aromatic frameworks for gas selective sorption. <i>Chemical Science</i> , 2016 , 7, 3751-3756	9.4 33
108	Synthesis, characterization and dissolution of three pharmaceutical cocrystals based on deferiprone. <i>Journal of Molecular Structure</i> , 2016 , 1108, 560-566	3.4 10
107	Ionothermal synthesis and proton-conductive properties of NH ₂ -MIL-53 MOF nanomaterials. <i>CrystEngComm</i> , 2016 , 18, 525-528	3.3 42
106	Synthesis and Catalytic Properties of New Metalloporphyrin-Based Porous Organic Framework Materials with Single and Accessible Sites. <i>ChemCatChem</i> , 2016 , 8, 2393-2400	5.2 18
105	Cationic Covalent Organic Frameworks: A Simple Platform of Anionic Exchange for Porosity Tuning and Proton Conduction. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5897-903	16.4 463
104	Synthesis of porous aromatic framework with Friedel-Crafts alkylation reaction for CO ₂ separation. <i>Chinese Chemical Letters</i> , 2016 , 27, 1479-1484	8.1 15
103	A highly porous medical metal-organic framework constructed from bioactive curcumin. <i>Chemical Communications</i> , 2015 , 51, 5774-7	5.8 86
102	Sorption Properties and Nitroaromatic Explosives Sensing Based on Two Isostructural Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2015 , 15, 2033-2038	3.5 98
101	A porous metal-organic framework formed by a V-shaped ligand and Zn(II) ion with highly selective sensing for nitroaromatic explosives. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 16598-16603	13 133
100	Self-supported fibrous porous aromatic membranes for efficient CO ₂ /N ₂ separations. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15561-9	9.5 59
99	Principles for the Synthesis of Porous Organic Frameworks. <i>Springer Briefs in Molecular Science</i> , 2015 , 13-42	0.6
98	Introduction to Porous Materials. <i>Springer Briefs in Molecular Science</i> , 2015 , 1-11	0.6 1

97	Synthetic Post-modification of Porous Organic Frameworks. <i>Springer Briefs in Molecular Science</i> , 2015 , 43-55	0.6	
96	Gas Sorption Using Porous Organic Frameworks. <i>Springer Briefs in Molecular Science</i> , 2015 , 57-85	0.6	1
95	A highly robust metal-organic framework based on an aromatic 12-carboxyl ligand with highly selective adsorption of CO ₂ over CH ₄ . <i>Chemical Communications</i> , 2015 , 51, 9463-6	5.8	54
94	Targeted synthesis of porous aromatic frameworks with stimuli-responsive adsorption properties. <i>Science China Materials</i> , 2015 , 58, 38-43	7.1	9
93	Targeted synthesis of core-shell porous aromatic frameworks for selective detection of nitro aromatic explosives via fluorescence two-dimensional response. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 19346-19352	13	51
92	Construction of sole benzene ring porous aromatic frameworks and their high adsorption properties. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 201-8	9.5	50
91	Deprotonation-triggered Stokes shift fluorescence of an unexpected basic-stable metal-organic framework. <i>Inorganic Chemistry</i> , 2015 , 54, 65-8	5.1	18
90	Porous Organic Frameworks. <i>Springer Briefs in Molecular Science</i> , 2015 ,	0.6	13
89	Highly Efficient Enrichment of Volatile Iodine by Charged Porous Aromatic Frameworks with Three Sorption Sites. <i>Angewandte Chemie</i> , 2015 , 127, 12924-12928	3.6	36
88	Highly Efficient Enrichment of Volatile Iodine by Charged Porous Aromatic Frameworks with Three Sorption Sites. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12733-7	16.4	244
87	Porous Organic Frameworks: Synthetic Strategy and Their Applications. <i>Acta Chimica Sinica</i> , 2015 , 73, 587	3.3	7
86	Tunable colors and white-light emission based on a microporous luminescent Zn(II)-MOF. <i>Dalton Transactions</i> , 2014 , 43, 3716-21	4.3	107
85	Ammonia capture in porous organic polymers densely functionalized with Brønsted acid groups. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2432-40	16.4	189
84	Highly selective and permeable porous organic framework membrane for CO ₂ capture. <i>Advanced Materials</i> , 2014 , 26, 3644-8	24	118
83	A proton-conducting lanthanide metal-organic framework integrated with a dielectric anomaly and second-order nonlinear optical effect. <i>Chemical Communications</i> , 2014 , 50, 6513-6	5.8	50
82	Robust tri(4-ethynylphenyl)amine-based porous aromatic frameworks for carbon dioxide capture. <i>Polymer Chemistry</i> , 2014 , 5, 2266	4.9	39
81	Syntheses, structures and luminescence properties of three metal-organic frameworks based on 5-(4-(2H-tetrazol-5-yl)phenoxy)isophthalic acid. <i>CrystEngComm</i> , 2014 , 16, 339-343	3.3	38
80	Three novel zinc(II) metal-organic frameworks based on three tetrazolate ligands: synthesis, structures and photoluminescence. <i>RSC Advances</i> , 2014 , 4, 21535-21540	3.7	27

79	Redox-mediated dissolution of paramagnetic nanolids to achieve a smart theranostic system. <i>Nanoscale</i> , 2014 , 6, 5270-8	7.7	28
78	Construction and adsorption properties of porous aromatic frameworks via AlCl ₃ -triggered coupling polymerization. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 11091-11098	13	74
77	A facile approach to prepare porphyrinic porous aromatic frameworks for small hydrocarbon separation. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14536-14541	13	58
76	Fluorescent Dodecapus in 3D Framework. <i>Crystal Growth and Design</i> , 2014 , 14, 4258-4261	3.5	41
75	Acid-induced release of curcumin from calcium containing nanotheranostic excipient. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 14377-83	9.5	10
74	Targeted synthesis of novel porous aromatic frameworks with selective separation of CO ₂ /CH ₄ and CO ₂ /N ₂ . <i>Chinese Chemical Letters</i> , 2014 , 25, 1407-1410	8.1	21
73	Responsive delivery of drug cocktail via mesoporous silica nanolamps. <i>Journal of Colloid and Interface Science</i> , 2014 , 434, 1-8	9.3	16
72	The adsorption and simulated separation of light hydrocarbons in isoreticular metal-organic frameworks based on dendritic ligands with different aliphatic side chains. <i>Chemistry - A European Journal</i> , 2014 , 20, 9073-80	4.8	23
71	Metal-organic framework membranes: from synthesis to separation application. <i>Chemical Society Reviews</i> , 2014 , 43, 6116-40	58.5	1122
70	Porous aromatic frameworks with anion-templated pore apertures serving as polymeric sieves. <i>Nature Communications</i> , 2014 , 5, 4260	17.4	110
69	Solvent-Induced Single Crystal To Single Crystal Transformation and Complete Metal Exchange of a Pyrene-Based Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2014 , 14, 1738-1743	3.5	47
68	One-pot synthesis of highly ordered nitrogen-containing mesoporous carbon with resorcinol-formaldehyde resin for CO ₂ capture. <i>Carbon</i> , 2014 , 69, 502-514	10.4	174
67	Lethal drug combination: arsenic loaded multiple drug mesoporous silica for theranostic applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 506-14	6	14
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