

Jun Wang

List of Publications by Year in descending order

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121
papers

7,288
citations

53660

45
h-index

60497

81
g-index

122
all docs

122
docs citations

122
times ranked

7384
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient ammonia synthesis via palladium-catalyzed electrohydrogenation of dinitrogen at low overpotential. <i>Nature Communications</i> , 2018, 9, 1795.	5.8	620
2	Strategies in catalysts and electrolyzer design for electrochemical CO ₂ reduction toward C ₂₊ products. <i>Science Advances</i> , 2020, 6, eaay3111.	4.7	477
3	Hierarchical FeCo ₂ O ₄ @NiCo layered double hydroxide core/shell nanowires for high performance flexible all-solid-state asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2018, 334, 1573-1583.	6.6	360
4	A flexible all-solid-state asymmetric supercapacitors based on hierarchical carbon cloth@CoMoO ₄ @NiCo layered double hydroxide core-shell heterostructures. <i>Chemical Engineering Journal</i> , 2018, 352, 29-38.	6.6	259
5	Solvothermal One-Step Synthesis of Ni-Al Layered Double Hydroxide/Carbon Nanotube/Reduced Graphene Oxide Sheet Ternary Nanocomposite with Ultrahigh Capacitance for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5443-5454.	4.0	246
6	Enhanced adsorption of uranium (VI) using a three-dimensional layered double hydroxide/graphene hybrid material. <i>Chemical Engineering Journal</i> , 2015, 259, 752-760.	6.6	229
7	Microwave synthesis and characterization of MOF-74 (M=Ni, Mg) for gas separation. <i>Microporous and Mesoporous Materials</i> , 2013, 180, 114-122.	2.2	218
8	Hierarchical NiCo ₂ S ₄ @CoMoO ₄ core-shell heterostructures nanowire arrays as advanced electrodes for flexible all-solid-state asymmetric supercapacitors. <i>Applied Surface Science</i> , 2018, 453, 73-82.	3.1	206
9	Multifunctional LDH/Co ₉ S ₈ heterostructure nanocages as high-performance lithium-sulfur battery cathodes with ultralong lifespan. <i>Energy Storage Materials</i> , 2020, 30, 187-195.	9.5	188
10	Ultra-high surface area and nitrogen-rich porous carbons prepared by a low-temperature activation method with superior gas selective adsorption and outstanding supercapacitance performance. <i>Chemical Engineering Journal</i> , 2019, 355, 309-319.	6.6	179
11	Simultaneous and efficient removal of Cr(VI) and methyl orange on LDHs decorated porous carbons. <i>Chemical Engineering Journal</i> , 2018, 352, 306-315.	6.6	167
12	Fine pore engineering in a series of isorecticular metal-organic frameworks for efficient C ₂ H ₂ /CO ₂ separation. <i>Nature Communications</i> , 2022, 13, 200.	5.8	157
13	Optimizing Pore Space for Flexible-Robust Metal-Organic Framework to Boost Trace Acetylene Removal. <i>Journal of the American Chemical Society</i> , 2020, 142, 9744-9751.	6.6	154
14	Implanting nickel and cobalt phosphide into well-defined carbon nanocages: A synergistic adsorption-electrocatalysis separator mediator for durable high-power Li-S batteries. <i>Energy Storage Materials</i> , 2021, 38, 381-388.	9.5	143
15	Controllable synthesis of bifunctional porous carbon for efficient gas-mixture separation and high-performance supercapacitor. <i>Chemical Engineering Journal</i> , 2018, 348, 57-66.	6.6	125
16	A new choice of polymer precursor for solvent-free method: Preparation of N-enriched porous carbons for highly selective CO ₂ capture. <i>Chemical Engineering Journal</i> , 2019, 355, 963-973.	6.6	119
17	Nickel-Cobalt Layered Double Hydroxide Nanowires on Three Dimensional Graphene Nickel Foam for High Performance Asymmetric Supercapacitors. <i>Electrochimica Acta</i> , 2016, 215, 492-499.	2.6	114
18	Deep Desulfurization with Record SO ₂ Adsorption on the Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2021, 143, 9040-9047.	6.6	108

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19	Exploiting equilibrium-kinetic synergetic effect for separation of ethylene and ethane in a microporous metal-organic framework. <i>Science Advances</i> , 2020, 6, eaaz4322.	4.7	107
20	Fabrication of urchin-like NiCo ₂ (CO ₃) _{1.5} (OH) ₃ @NiCo ₂ S ₄ on Ni foam by an ion-exchange route and application to asymmetrical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13308-13316.	5.2	101
21	Enhanced Cr(VI) removal by polyethylenimine- and phosphorus-codoped hierarchical porous carbons. <i>Journal of Colloid and Interface Science</i> , 2018, 523, 110-120.	5.0	94
22	Hydrogenative Ring-Rearrangement of Biobased Furanic Aldehydes to Cyclopentanone Compounds over Pd/Pyrochlore by Introducing Oxygen Vacancies. <i>ACS Catalysis</i> , 2020, 10, 7355-7366.	5.5	81
23	Synthesis of Porous Carbons with High N-Content from Shrimp Shells for Efficient CO ₂ -Capture and Gas Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15550-15559.	3.2	80
24	Ordered Porous Poly(ionic liquid) Crystallines: Spacing Confined Ionic Surface Enhancing Selective CO ₂ Capture and Fixation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6031-6041.	4.0	76
25	Unprecedented performance of N-doped activated hydrothermal carbon towards C ₂ H ₆ /CH ₄ , CO ₂ /CH ₄ , and CO ₂ /H ₂ separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2263-2276.	5.2	70
26	A hierarchical glucose-intercalated NiMn-G-LDH@NiCo ₂ S ₄ core-shell structure as a binder-free electrode for flexible all-solid-state asymmetric supercapacitors. <i>Nanoscale</i> , 2020, 12, 1852-1863.	2.8	70
27	Nitrogen-rich microporous carbons for highly selective separation of light hydrocarbons. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13957-13966.	5.2	64
28	Highly Selective and Reversible Sulfur Dioxide Adsorption on a Microporous Metal-Organic Framework via Polar Sites. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10680-10688.	4.0	64
29	Novel p- and n-type S-scheme heterojunction photocatalyst for boosted CO ₂ photoreduction activity. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121587.	10.8	64
30	Facile and low-temperature strategy to prepare hollow ZIF-8/CNT polyhedrons as high-performance lithium-sulfur cathodes. <i>Chemical Engineering Journal</i> , 2021, 404, 126579.	6.6	63
31	Fabrication of asymmetric poly (m-phenylene isophthalamide) nanofiltration membrane for chromium(VI) removal. <i>Journal of Environmental Sciences</i> , 2010, 22, 1335-1341.	3.2	62
32	A Co-N/C hollow-sphere electrocatalyst derived from a metanilic CoAl layered double hydroxide for the oxygen reduction reaction, and its active sites in various pH media. <i>Nano Research</i> , 2017, 10, 2508-2518.	5.8	62
33	3D Cu(OH) ₂ nanowires/carbon cloth for flexible supercapacitors with outstanding cycle stability. <i>Chemical Engineering Journal</i> , 2019, 371, 348-355.	6.6	59
34	Scalable strategy to fabricate single Cu atoms coordinated carbons for efficient electroreduction of CO ₂ to CO. <i>Carbon</i> , 2020, 168, 528-535.	5.4	57
35	Ultramicroporous carbons with extremely narrow pore size distribution via in-situ ionic activation for efficient gas-mixture separation. <i>Chemical Engineering Journal</i> , 2019, 375, 121931.	6.6	54
36	Synergistic binding sites in a hybrid ultramicroporous material for one-step ethylene purification from ternary C ₂ hydrocarbon mixtures. <i>Science Advances</i> , 2022, 8, .	4.7	53

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37	High and selective CO ₂ adsorption by a phthalocyanine nanoporous polymer. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10284-10288.	5.2	52
38	Adsorption Configuration-Determined Selective Hydrogenative Ring Opening and Ring Rearrangement of Furfural over Metal Phosphate. <i>ACS Catalysis</i> , 2021, 11, 6406-6415.	5.5	52
39	Functional molecules regulated and intercalated nickel-cobalt LDH nano-sheets on carbon fiber cloths as an advanced free-standing electrode for high-performance asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2019, 321, 134708.	2.6	51
40	Double-metal cyanide-supported Pd catalysts for highly efficient hydrogenative ring-rearrangement of biomass-derived furanic aldehydes to cyclopentanone compounds. <i>Journal of Catalysis</i> , 2019, 378, 201-208.	3.1	51
41	Sulfonic acid functionalized hydrophobic mesoporous biochar: Design, preparation and acid-catalytic properties. <i>Fuel</i> , 2019, 240, 270-277.	3.4	51
42	Efficient SO ₂ Removal Using a Microporous Metal-Organic Framework with Molecular Sieving Effect. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 874-882.	1.8	51
43	Graphene oxide-chitosan composite aerogel for adsorption of methyl orange and methylene blue: Effect of pH in single and binary systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128595.	2.3	51
44	Experimental and simulation study on efficient CH ₄ /N ₂ separation by pressure swing adsorption on silicalite-1 pellets. <i>Chemical Engineering Journal</i> , 2020, 388, 124222.	6.6	50
45	Algae-derived N-doped porous carbons with ultrahigh specific surface area for highly selective separation of light hydrocarbons. <i>Chemical Engineering Journal</i> , 2020, 381, 122731.	6.6	49
46	Boosting CO ₂ -to-CO conversion on a robust single-atom copper decorated carbon catalyst by enhancing intermediate binding strength. <i>Journal of Materials Chemistry A</i> , 2021, 9, 1705-1712.	5.2	49
47	Benzenesulfonic acid functionalized hydrophobic mesoporous biochar as an efficient catalyst for the production of biofuel. <i>Applied Catalysis A: General</i> , 2019, 580, 178-185.	2.2	47
48	Highly efficient hydrogenative ring-rearrangement of furanic aldehydes to cyclopentanone compounds catalyzed by noble metals/MIL-MOFs. <i>Applied Catalysis A: General</i> , 2019, 575, 152-158.	2.2	47
49	Hydroquinone and Quinone-Grafted Porous Carbons for Highly Selective CO ₂ Capture from Flue Gases and Natural Gas Upgrading. <i>Environmental Science & Technology</i> , 2015, 49, 9364-9373.	4.6	46
50	Efficient Separation of Propene and Propane Using Anion-Pillared Metal-Organic Frameworks. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3531-3537.	1.8	44
51	A versatile synthesis of metal-organic framework-derived porous carbons for CO ₂ capture and gas separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 19095-19106.	5.2	43
52	Highly Efficient Alkylation Using Hydrophobic Sulfonic Acid-Functionalized Biochar as a Catalyst for Synthesis of High-Density Biofuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14973-14981.	3.2	43
53	Facile preparation of N and O-rich porous carbon from palm sheath for highly selective separation of CO ₂ /CH ₄ /N ₂ gas-mixture. <i>Chemical Engineering Journal</i> , 2020, 399, 125812.	6.6	41
54	Constructing layered double hydroxide fences onto porous carbons as high-performance cathodes for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2019, 312, 109-118.	2.6	39

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55	Separation of propylene and propane with a microporous metal-organic framework via equilibrium-kinetic synergetic effect. <i>AIChE Journal</i> , 2021, 67, .	1.8	35
56	Functionalized metal-organic frameworks with strong acidity and hydrophobicity as an efficient catalyst for the production of 5-hydroxymethylfurfural. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 167-174.	1.7	35
57	Nitrogen-doped porous carbons for highly selective CO ₂ capture from flue gases and natural gas upgrading. <i>Materials Today Communications</i> , 2015, 4, 156-165.	0.9	33
58	Solid-state synthesis of Cu nanoparticles embedded in carbon substrate for efficient electrochemical reduction of carbon dioxide to formic acid. <i>Chemical Engineering Journal</i> , 2020, 400, 125879.	6.6	33
59	Hydrogen-Catalyzed Acid Transformation for the Hydration of Alkenes and Epoxy Alkanes over Co-N Frustrated Lewis Pair Surfaces. <i>Journal of the American Chemical Society</i> , 2021, 143, 21294-21301.	6.6	33
60	Polyfuran-Derived Microporous Carbons for Enhanced Adsorption of CO ₂ and CH ₄ . <i>Langmuir</i> , 2015, 31, 9845-9852.	1.6	32
61	Down-sizing the crystal size of ZK-5 zeolite for its enhanced CH ₄ adsorption and CH ₄ /N ₂ separation performances. <i>Chemical Engineering Journal</i> , 2021, 406, 126599.	6.6	32
62	In situ transformation of LDH into hollow cobalt-embedded and N-doped carbonaceous microflowers as polysulfide mediator for lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2020, 385, 123457.	6.6	31
63	Modulation of surface properties on cobalt phosphide for high-performance ambient ammonia electrosynthesis. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120874.	10.8	31
64	Construction of phosphatized cobalt nickel-LDH nanosheet arrays as binder-free electrode for high-performance battery-like supercapacitor device. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157652.	2.8	29
65	Ultramicroporous carbon granules with narrow pore size distribution for efficient CH ₄ separation from coal-bed gases. <i>AIChE Journal</i> , 2021, 67, e17281.	1.8	29
66	2D MOF with Compact Catalytic Sites for the One-pot Synthesis of 2,5-Dimethylfuran from Saccharides via Tandem Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
67	MOF-Encapsulating Metal-Acid Interfaces for Efficient Catalytic Hydrogenolysis of Biomass-Derived Aromatic Aldehydes. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11127-11136.	3.2	27
68	Effect of nitrogen group on selective separation of CO ₂ /N ₂ in porous polystyrene. <i>Chemical Engineering Journal</i> , 2014, 256, 390-397.	6.6	26
69	Facile and Controllable Preparation of Ultramicroporous Biomass-Derived Carbons and Application on Selective Adsorption of Gas-mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14191-14201.	1.8	25
70	Selective CO ₂ adsorption in a porphyrin polymer with benzimidazole linkages. <i>RSC Advances</i> , 2015, 5, 10960-10963.	1.7	24
71	Synthesis of self-templated urchin-like Ni ₂ Co(CO ₃) ₂ (OH) ₂ hollow microspheres for high-performance hybrid supercapacitor electrodes. <i>Electrochimica Acta</i> , 2019, 327, 134970.	2.6	24
72	Functionalized Biochar with Superacidity and Hydrophobicity as a Highly Efficient Catalyst in the Synthesis of Renewable High-Density Fuels. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7785-7794.	3.2	24

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73	Lauric Triglyceride Ameliorates High-Fat-Diet-Induced Obesity in Rats by Reducing Lipogenesis and Increasing Lipolysis and β^2 -Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9157-9166.	2.4	24
74	Water-mediated hydrogen spillover accelerates hydrogenative ring-rearrangement of furfurals to cyclic compounds. <i>Journal of Catalysis</i> , 2022, 405, 363-372.	3.1	24
75	Efficient Xe/Kr separation on two Metal-Organic frameworks with distinct pore shapes. <i>Separation and Purification Technology</i> , 2021, 274, 119132.	3.9	22
76	Double-metal cyanide as an acid and hydrogenation catalyst for the highly selective ring-rearrangement of biomass-derived furfuryl alcohol to cyclopentenone compounds. <i>Green Chemistry</i> , 2020, 22, 2549-2557.	4.6	21
77	Phosphorus-doped Graphene Aerogel as Self-supported Electrocatalyst for CO_2 to Ethanol Conversion. <i>Advanced Science</i> , 2022, 9, .	5.6	21
78	Facile Preparation of Biomass-Derived Mesoporous Carbons for Highly Efficient and Selective SO_2 Capture. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14929-14937.	1.8	20
79	Boosting electrochemical CO_2 reduction on ternary heteroatoms-doped porous carbon. <i>Chemical Engineering Journal</i> , 2021, 425, 131661.	6.6	20
80	Enhanced performance and electrocatalytic kinetics on porous carbon-coated SnS microflowers as efficient Li-S battery cathodes. <i>Electrochimica Acta</i> , 2020, 343, 136148.	2.6	19
81	Enhanced electrocatalytic nitrogen reduction activity by incorporation of a carbon layer on SnS microflowers. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20677-20686.	5.2	18
82	Pyrochlore/ Al_2O_3 composites supported Pd for the selective synthesis of cyclopentanones from biobased furfurals. <i>Applied Catalysis A: General</i> , 2021, 612, 117985.	2.2	18
83	Fabrication of dual-hollow heterostructure of Ni_2CoS_4 sphere and nanotubes as advanced electrode for high-performance flexible all-solid-state supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 564, 313-321.	5.0	17
84	Agglomerated nickel-cobalt layered double hydroxide nanosheets on reduced graphene oxide clusters as efficient asymmetric supercapacitor electrodes. <i>Journal of Materials Research</i> , 2020, 35, 1205-1213.	1.2	17
85	Robust Ultramicroporous Metal-organic Framework with Rich Hydroxyl-Decorated Channel Walls for Highly Selective Noble Gas Separation. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 4018-4023.	1.0	16
86	Chemical immobilization of amino acids into robust metal-organic framework for efficient SO_2 removal. <i>AIChE Journal</i> , 2021, 67, e17300.	1.8	16
87	Synthesis of palm sheath derived-porous carbon for selective CO_2 adsorption. <i>RSC Advances</i> , 2022, 12, 8592-8599.	1.7	16
88	Novel zeolite/carbon monolith adsorbents for efficient CH_4/N_2 separation. <i>Chemical Engineering Journal</i> , 2021, 426, 130163.	6.6	15
89	Interface engineering of metal phosphide on hollow carbons by Dual-template method for High-performance Lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2022, 433, 133549.	6.6	15
90	Synthesis of renewable C-C cyclic compounds and high-density biofuels using 5-hydromethylfurfural as a reactant. <i>Green Chemistry</i> , 2020, 22, 2468-2473.	4.6	14

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91	Rational design and synthesis of multi-shelled NiCo ₂ S ₄ hollow microspheres for high performance supercapacitors. <i>Journal of Energy Storage</i> , 2021, 44, 103407.	3.9	14
92	Improved synthesis of trigone trimer cluster metal organic framework MIL-100Al by a later entry of methyl groups. <i>Chemical Communications</i> , 2016, 52, 725-728.	2.2	13
93	Iodine-Modified Pd Catalysts Promote the Bifunctional Catalytic Synthesis of 2,5-Hexanedione from C ₆ Furan Aldehydes. <i>ChemSusChem</i> , 2022, 15, .	3.6	12
94	Low-coordinated Ni-N ₁ -C ₃ sites atomically dispersed on hollow carbon nanotubes for efficient CO ₂ reduction. <i>Nano Research</i> , 2023, 16, 146-154.	5.8	12
95	Facilely prepared, N, O-codoped nanosheet derived from pre-functionalized polymer as supercapacitor electrodes. <i>Chemical Physics</i> , 2018, 506, 17-25.	0.9	11
96	Highly Controllable Hydrogenative Ring Rearrangement and Complete Hydrogenation Of Biobased Furfurals over Pd/La ₂ O ₃ (B=Ti, Zr, Ce). <i>ChemCatChem</i> , 2021, 13, 4549-4556.	1.8	11
97	Control of intracrystalline diffusion in a bilayered metal-organic framework for efficient kinetic separation of propylene from propane. <i>Chemical Engineering Journal</i> , 2022, 434, 134784.	6.6	11
98	A Stable Zn-Based Metal-Organic Framework as an Efficient Catalyst for Carbon Dioxide Cycloaddition and Alcoholysis at Mild Conditions. <i>Catalysis Letters</i> , 2020, 150, 1408-1417.	1.4	9
99	High Dietary Intervention of Lauric Triglyceride Might be Harmful to Its Improvement of Cholesterol Metabolism in Obese Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4453-4463.	2.4	9
100	Synthesis of a Polyimide Porous Porphyrin Polymer for Selective CO ₂ Capture. <i>Journal of Chemistry</i> , 2015, 2015, 1-7.	0.9	8
101	Promoted Hydrogenolysis of Furan Aldehydes to 2,5-Dimethylfuran by Defect Engineering on Pd/NiCo ₂ O ₄ . <i>ChemSusChem</i> , 2022, , .	3.6	8
102	Pillared-layer ultramicroporous material for highly selective SO ₂ capture from CO ₂ mixtures. <i>Separation and Purification Technology</i> , 2022, 295, 121337.	3.9	8
103	Preparation of Hydrophobic Acidic Metal-Organic Frameworks and Their Application for 5-Hydroxymethylfurfural Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 22068-22078.	1.8	7
104	Construction of porous NiCo ₂ S ₄ hierarchical nanoflakes based on zeolitic imidazolate frameworks as battery-type electrodes for high performance supercapacitors. <i>Journal of Energy Storage</i> , 2021, 47, 103583.	3.9	7
105	Delicate Tuning of the Ni/Co Ratio in Bimetal Layered Double Hydroxides for Efficient N ₂ Electroreduction. <i>ChemSusChem</i> , 2022, 15, e202200127.	3.6	7
106	Bifunctional Role of Hydrogen in Aqueous Hydrogenative Ring Rearrangement of Furfurals over Co@Co-NC. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7321-7329.	3.2	7
107	2D MOF with Compact Catalytic Sites for the One-pot Synthesis of 2,5-Dimethylfuran from Saccharides via Tandem Catalysis. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
108	Nickel Nanoparticles with Narrow Size Distribution Confined in Nitrogen-Doped Carbon for Efficient Reduction of CO ₂ to CO. <i>Catalysis Letters</i> , 2022, 152, 600-609.	1.4	6

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109	Responsive Porous Material for Discrimination and Selective Capture of Low-Concentration SO ₂ . <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 5936-5941.	1.8	6
110	Selective Synthesis of Bioderived Dibenzofurans and Bicycloalkanes from a Cellulose-Based Route. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6748-6755.	3.2	5
111	Two novel 4,6-connected anion-pillared metal-organic frameworks for simultaneous separation of C3 and C4 olefins. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 172, 108768.	1.8	5
112	Synergistic effect of NiCo alloy and NiCoS integrated with N doped carbon for superior rate and ultralong-lifespan lithium sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164175.	2.8	5
113	Breaking binary competitive adsorption in the domino synthesis of pyrroles from furan alcohols and nitroarenes over metal phosphide. <i>Applied Catalysis B: Environmental</i> , 2022, , 121665.	10.8	5
114	Structure modulation and properties of NiCo ₂ O ₄ nanothorn electrode materials prepared by a self-sacrificial template method. <i>Journal of Alloys and Compounds</i> , 2022, 895, 162596.	2.8	4
115	Dense open metal sites in a microporous metal-organic framework for deep desulfurization with record-high sulfur dioxide storage density. <i>AIChE Journal</i> , 2022, 68, .	1.8	4
116	High-energy all-in-one micro-supercapacitors based on ZnO mesoporous nanosheet-decorated laser-induced porous graphene foams. <i>Journal of Materials Research</i> , 2021, 36, 1927-1936.	1.2	3
117	Metal-Organic Framework and Hydrogel Based Strategy as a Universal First-Aid Treatment of Three Different Typical Snake Bites. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6265-6273.	2.6	2
118	Kinetic Molecular Sieving of Cyclopentane/Neohexane Mixtures by the MFI Zeolite with Intersecting 10-Ring Channels. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 13293-13300.	1.8	2
119	Low temperature synthesis of nitrogen-rich biomass for high-performance removal of phosphate. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107000.	3.3	2
120	Controlled Synthesis of Dibenzotriol and Diquinone from 1,2,4-Benzenetriol by Catalytic Aerobic Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3255-3263.	3.2	2
121	Synergistic engineering of fluorine doping and oxygen vacancies towards high-energy and long-lifespan flexible solid-state asymmetric supercapacitor. <i>Ionics</i> , 2021, 27, 2649-2658.	1.2	1