Sung Hwa Jhung

List of Publications by Year
in descending order

269	25,790	6486	8878
papers	citations	82 h-index	150 g-index

275	275	275	19005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Contribution of hydrogen bonding to liquid-phase adsorptive removal of hazardous organics with metal-organic framework-based materials. Chemical Engineering Journal, 2022, 430, 132596.	6.6	79
2	Adsorptive removal of herbicides with similar structures from water over nitrogen-enriched carbon, derived from melamine@metal-azolate framework-6. Environmental Research, 2022, 204, 111991.	3.7	7
3	Oxidative modification of metal-organic framework-derived carbon: An effective strategy for adsorptive elimination of carbazole and benzonitrile. Fuel, 2022, 307, 121764.	3.4	16
4	Recent research trends in voltammetric sensing platforms for hormones and their applications to human serum analyses. Analytical Sciences, 2022, 38, 11-21.	0.8	5
5	Metal-organic frameworks bearing free carboxylic acids: Preparation, modification, and applications. Coordination Chemistry Reviews, 2022, 450, 214237.	9.5	66
6	A remarkable adsorbent for denitrogenation of liquid fuel: Ethylenediaminetetraacetic acid-grafted metalâ€“organic framework, MOF-808. Separation and Purification Technology, 2022, 284, 120248.	3.9	14
7	Removal of benzonitrile and carbazole from model green-diesel derived from microalgae using metal-organic frameworks with protonated amines. Chemical Engineering Journal, 2022, 435, 134910.	6.6	8
8	Selective CO₂ adsorption at low pressure with a Zr-based UiO-67 metalâ€“organic framework functionalized with aminosilanes. Journal of Materials Chemistry A, 2022, 10, 8856-8865.	5.2	29
9	Metal-organic framework (MOF-808) functionalized with ethyleneamines: Selective adsorbent to capture CO2 under low pressure. Journal of CO2 Utilization, 2022, 58, 101932.	3.3	36
10	Covalent-organic polymer-derived carbons: An effective adsorbent to remove sulfonamide antibiotics from water. Chemical Engineering Journal, 2022, 437, 135386.	6.6	21
11	Enhanced oxidative desulfurization of liquid model fuel under microwave irradiation over W2N@C catalyst nanoarchitectonics. Chemical Engineering Journal, 2022, 440, 135841.	6.6	18
12	Nanoarchitectonics of polyaniline-derived porous carbons for efficient adsorptive denitrogenation of liquid fuel. Fuel, 2022, 320, 123970.	3.4	6
13	Enhancing the oxidative desulfurization efficiency of cobalt-loaded-porous carbon catalyst via nitrogen doping on carbon support. Journal of Cleaner Production, 2022, 360, 132168.	4.6	19
14	Functionalized metal-organic framework-derived carbon: Effective adsorbent to eliminate methylene blue, a small cationic dye from water. Chemosphere, 2022, 303, 134890.	4.2	11
15	Adsorptive removal of hazardous organics from water and fuel with functionalized metal-organic frameworks: Contribution of functional groups. Journal of Hazardous Materials, 2021, 403, 123655.	6.5	109
16	A remarkable adsorbent for removal of nitrogenous compounds from fuel: A metalâ€“organic framework functionalized both on metal and ligand. Chemical Engineering Journal, 2021, 404, 126491.	6.6	29
17	Melamine/polyaniline-derived carbons with record-high adsorption capacities for effective removal of phenolic compounds from water. Chemical Engineering Journal, 2021, 420, 127627.	6.6	30
18	Remarkable adsorbent for removal of bisphenol A and S from water: Porous carbon derived from melamine/polyaniline. Chemosphere, 2021, 268, 129342.	4.2	22

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19	Application of Metalâ€Organic Frameworks in Adsorptive Removal of Organic Contaminants from Water, Fuel and Air. Chemistry - an Asian Journal, 2021, 16, 185-196.	1.7	31
20	Conversion of Y into SSZ-13 zeolite, in the absence of extra silica, alumina and seed crystals, with N,N,N-dimethylethylcyclohexylammonium bromide, and application of the SSZ-13 zeolite in the propylene production from ethylene. Catalysis Today, 2021, 375, 94-100.	2.2	10
21	Adsorptive Purification of Water Contaminated with Hazardous Organics by Using Functionalized Metal-Organic Frameworks. , 2021, , 269-290.		0
22	How neutral nitrogen-containing compounds are oxidized in oxidative-denitrogenation of liquid fuel with TiO₂@carbon. Physical Chemistry Chemical Physics, 2021, 23, 8368-8374.	1.3	4
23	Particulate matters removal by using cotton coated with isomeric metal-organic frameworks (MOFs): Effect of voidage of MOFs on removal. Journal of Industrial and Engineering Chemistry, 2021, 95, 277-285.	2.9	13
24	Zirconium-containing metal organic frameworks as solid acid catalysts for the N-formylation of aniline with formic acid. Reaction Kinetics, Mechanisms and Catalysis, 2021, 133, 355-369.	0.8	6
25	Effective CO2 adsorption at low pressure over nitrogen-enriched porous carbons, derived from melamine-loaded polyaniline. Chemical Engineering Journal, 2021, 412, 128641.	6.6	29
26	Ionic Salts@Metalâ€“Organic Frameworks: Remarkable Component to Improve Performance of Fabric Filters to Remove Particulate Matters from Air. ACS Applied Materials & Interfaces, 2021, 13, 23092-23102.	4.0	10
27	Oxidative denitrogenation of liquid fuel over W2N@carbon catalyst derived from a phosphotungstinic acid encapsulated metalâ€“azolate framework. Applied Catalysis B: Environmental, 2021, 285, 119842.	10.8	31
28	Molybdenum nitride@porous carbon, derived from phosphomolybdic acid loaded metal-azolate framework-6: A highly effective catalyst for oxidative desulfurization. Applied Catalysis B: Environmental, 2021, 288, 119988.	10.8	70
29	Removal of Particulate Matters by Using Zeolitic Imidazolate Framework-8s (ZIF-8s) Coated onto Cotton: Effect of the Pore Size of ZIF-8s on Removal. ACS Applied Materials & Interfaces, 2021, 13, 35214-35222.	4.0	14
30	Metalâ€“organic frameworks containing uncoordinated nitrogen: Preparation, modification, and application in adsorption. Materials Today, 2021, 51, 566-585.	8.3	50
31	Covalent organic framework-based materials: Synthesis, modification, and application in environmental remediation. Coordination Chemistry Reviews, 2021, 441, 213989.	9.5	91
32	Effect of MAF-6 Crystal Size on Its Physicochemical and Catalytic Properties in the Cycloaddition of CO2 to Propylene Oxide. Catalysts, 2021, 11, 1061.	1.6	19
33	Oxidative desulfurization of liquid fuel with tungsten-nitride@porous carbon, derived from MAF-6(Zn) loaded with phosphotungstic acid and melamine. Chemical Engineering Journal, 2021, 419, 129485.	6.6	34
34	Adsorptive removal of pesticides from water with metalâ€“organic framework-based materials. Chemical Engineering Journal, 2021, 421, 129688.	6.6	92
35	Adsorptive removal of nitro- or sulfonate-containing dyes by a functional metalâ€“organic framework: Quantitative contribution of hydrogen bonding. Chemical Engineering Journal, 2021, 425, 130598.	6.6	33
36	Fluorescent paper strip immunoassay with carbon nanodots@silica for determination of human serum amyloid A1. Mikrochimica Acta, 2021, 188, 386.	2.5	7

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37	A Tb-based-metalâ€“organic framework prepared under ultrasound for detection of organic amines in aqueous solution through fluorescence quenching. Journal of Molecular Liquids, 2021, 344, 117765.	2.3	12
38	Synthesis of Erythrulose from Dihydroxyacetone and Formaldehyde Using Zinc Zeolitic Imidazolate Frameworks. Catalysis in Industry, 2021, 13, 395-402.	0.3	2
39	Tungsten Nitride, Wellâ€Đispersed on Porous Carbon: Remarkable Catalyst, Produced without Addition of Ammonia, for the Oxidative Desulfurization of Liquid Fuel. Small, 2020, 16, e1901564.	5.2	38
40	Cu2O-incorporated MAF-6-derived highly porous carbons for the adsorptive denitrogenation of liquid fuel. Chemical Engineering Journal, 2020, 381, 122675.	6.6	25
41	Metal-organic framework MIL-101 loaded with polymethacrylamide with or without further reduction: Effective and selective CO2 adsorption with amino or amide functionality. Chemical Engineering Journal, 2020, 380, 122496.	6.6	68
42	Adsorptive purification of organic contaminants of emerging concern from water with metalâ€“organic frameworks. , 2020, , 47-92.		2
43	Polyvinylamine-loaded metalâ€“organic framework MIL-101 for effective and selective CO2 adsorption under atmospheric or lower pressure. Chemical Engineering Journal, 2020, 389, 123429.	6.6	50
44	Carbon-derived from metal-organic framework MOF-74: A remarkable adsorbent to remove a wide range of contaminants of emerging concern from water. Applied Surface Science, 2020, 504, 144348.	3.1	44
45	Selective CO2 adsorption over functionalized Zr-based metal organic framework under atmospheric or lower pressure: Contribution of functional groups to adsorption. Chemical Engineering Journal, 2020, 402, 126254.	6.6	58
46	Removal of nitrogen-containing compounds from microalgae derived biofuel by adsorption over functionalized metal organic frameworks. Fuel, 2020, 280, 118622.	3.4	31
47	Effective removal of particulate matter from air by using zeolite-coated filters. Journal of Materials Chemistry A, 2020, 8, 17960-17968.	5.2	10
48	Removal of particulate matter with metalâ€“organic framework-incorporated materials. Coordination Chemistry Reviews, 2020, 422, 213477.	9.5	66
49	CO2 adsorption at low pressure over polymers-loaded mesoporous metal organic framework PCN-777: effect of basic site and porosity on adsorption. Journal of CO2 Utilization, 2020, 42, 101332.	3.3	14
50	Polyaniline-derived carbons: Remarkable adsorbents to remove atrazine and diuron herbicides from water. Journal of Hazardous Materials, 2020, 396, 122624.	6.5	15
51	Highly Improved Performance of Cotton Air Filters in Particulate Matter Removal by the Incorporation of Metalâ€“Organic Frameworks with Functional Groups Capable of Large Charge Separation. ACS Applied Materials & Interfaces, 2020, 12, 28885-28893.	4.0	48
52	Removal of Particulate Matters with Isostructural Zr-Based Metalâ€“Organic Frameworks Coated on Cotton: Effect of Porosity of Coated MOFs on Removal. ACS Applied Materials & Interfaces, 2020, 12, 34423-34431.	4.0	26
53	Adsorptive removal of nitrogenous compounds from microalgae-derived bio-oil using metal-organic frameworks with an amino group. Chemical Engineering Journal, 2020, 388, 124195.	6.6	25
54	A remarkable adsorbent for removal of bisphenol S from water: Aminated metal-organic framework, MIL-101-NH2. Chemical Engineering Journal, 2020, 396, 125224.	6.6	63

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55	Adsorptive removal of bulky dye molecules from water with mesoporous polyaniline-derived carbon. Beilstein Journal of Nanotechnology, 2020, 11, 597-605.	1.5	10
56	Remarkable metalâ€“organic framework composites for adsorptive removal of nitrogenous compounds from fuel. Chemical Engineering Journal, 2020, 398, 125590.	6.6	9
57	Preparation of SSZ-13 zeolites from beta zeolite and their application in the conversion of ethylene to propylene. Chemical Engineering Journal, 2019, 377, 119546.	6.6	23
58	Oxidative desulfurization and denitrogenation of fuels using metal-organic framework-based/-derived catalysts. Applied Catalysis B: Environmental, 2019, 259, 118021.	10.8	170
59	Zr-MOF with free carboxylic acid for storage and controlled release of caffeine. Journal of Molecular Liquids, 2019, 296, 112060.	2.3	24
60	Phytic acid-encapsulated MIL-101(Cr): Remarkable adsorbent for the removal of both neutral indole and basic quinoline from model liquid fuel. Chemical Engineering Journal, 2019, 375, 121948.	6.6	18
61	Co supported on N-doped carbon, derived from bimetallic azolate framework-6: a highly effective oxidative desulfurization catalyst. Journal of Materials Chemistry A, 2019, 7, 17823-17833.	5.2	55
62	Synthesis and Functionalization of Porous Zr-Diaminostilbenedicarboxylate Metalâ€“Organic Framework for Storage and Stable Delivery of Ibuprofen. ACS Omega, 2019, 4, 9860-9867.	1.6	28
63	Zeolitic Imidazolate Frameworks ZIF-8 and MAF-5 as Highly Efficient Heterogeneous Catalysts for Synthesis of 1-Methoxy-2-propanol from Methanol and Propylene Oxide. Industrial & Engineering Chemistry Research, 2019, 58, 10750-10758.	1.8	23
64	Adsorptive removal of nitroimidazole antibiotics from water using porous carbons derived from melamine-loaded MAF-6. Journal of Hazardous Materials, 2019, 378, 120761.	6.5	32
65	Water adsorption/desorption over metal-organic frameworks with ammonium group for possible application in adsorption heat transformation. Chemical Engineering Journal, 2019, 373, 1064-1071.	6.6	46
66	Metal-Organic Frameworks for Nanoarchitectures: Nanoparticle, Composite, Core-Shell, Hierarchical, and Hollow Structures. , 2019, , 151-194.		1
67	Functionalized mesoporous metal-organic framework PCN-100: An efficient carrier for vitamin E storage and delivery. Journal of Industrial and Engineering Chemistry, 2019, 74, 158-163.	2.9	18
68	Mesoporous metal-organic framework PCN-222(Fe): Promising adsorbent for removal of big anionic and cationic dyes from water. Chemical Engineering Journal, 2019, 371, 252-259.	6.6	109
69	Metal-organic framework with various functional groups: Remarkable adsorbent for removal of both neutral indole and basic quinoline from liquid fuel. Chemical Engineering Journal, 2019, 370, 1467-1473.	6.6	37
70	Effect of Functional Groups of Metalâ€“Organic Frameworks, Coated on Cotton, on Removal of Particulate Matters via Selective Interactions. ACS Applied Materials & Interfaces, 2019, 11, 47649-47657.	4.0	33
71	Oxidative denitrogenation with TiO2@porous carbon catalyst for purification of fuel: Chemical aspects. Applied Catalysis B: Environmental, 2019, 240, 215-224.	10.8	43
72	TiO₂-Integrated Carbon Prepared via Pyrolysis of Ti-Loaded Metalâ€“Organic Frameworks for Redox Catalysis. ACS Applied Nano Materials, 2019, 2, 191-201.	2.4	17

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73	MOF-derived carbonaceous materials enriched with nitrogen: Preparation and applications in adsorption and catalysis. Materials Today, 2019, 25, 88-111.	8.3	180
74	Synthesis of SSZ-13 zeolite in the presence of dimethylethylcyclohexyl ammonium ion and direct conversion of ethylene to propylene with the SSZ-13. Chemical Engineering Journal, 2019, 377, 120116.	6.6	16
75	Remarkably efficient adsorbent for the removal of bisphenol A from water: Bio-MOF-1-derived porous carbon. Chemical Engineering Journal, 2018, 343, 225-234.	6.6	122
76	Adsorptive Removal of Indole and Quinoline from Model Fuel over Various UiO-66s: Quantitative Contributions of H-Bonding and Acidâ€“Base Interactions to Adsorption. Journal of Physical Chemistry C, 2018, 122, 4532-4539.	1.5	58
77	Nitrogen-doped porous carbon from ionic liquid@Al-metal-organic framework: A prominent adsorbent for purification of both aqueous and non-aqueous solutions. Chemical Engineering Journal, 2018, 338, 107-116.	6.6	67
78	Adsorptive removal of wide range of pharmaceuticals and personal care products from water using bio-MOF-1 derived porous carbon. Microporous and Mesoporous Materials, 2018, 270, 102-108.	2.2	68
79	Adsorptive removal of wide range of pharmaceutical and personal care products from water by using metal azolate framework-6-derived porous carbon. Chemical Engineering Journal, 2018, 343, 447-454.	6.6	134
80	Metal-organic framework-derived carbons: Preparation from ZIF-8 and application in the adsorptive removal of sulfamethoxazole from water. Catalysis Today, 2018, 301, 90-97.	2.2	137
81	Adsorptive removal of artificial sweeteners from water using porous carbons derived from metal azolate framework-6. Microporous and Mesoporous Materials, 2018, 260, 1-8.	2.2	51
82	Adsorptive removal of anti-inflammatory drugs from water using graphene oxide/metal-organic framework composites. Chemical Engineering Journal, 2018, 335, 74-81.	6.6	127
83	Adsorptive removal of indole and quinoline from model fuel using adenine-grafted metal-organic frameworks. Journal of Hazardous Materials, 2018, 344, 593-601.	6.5	62
84	Selective and stable production of ethylene from propylene over surface-modified ZSM-5 zeolites. Catalysis Today, 2018, 303, 86-92.	2.2	13
85	Heteropoly acid-loaded ionic liquid@metal-organic frameworks: Effective and reusable adsorbents for the desulfurization of a liquid model fuel. Chemical Engineering Journal, 2018, 334, 2215-2221.	6.6	92
86	Adsorptive removal of aromatic hydrocarbons from water over metal azolate framework-6-derived carbons. Journal of Hazardous Materials, 2018, 344, 1069-1077.	6.5	62
87	Carboxylic-acid-functionalized UiO-66-NH2: A promising adsorbent for both aqueous- and non-aqueous-phase adsorptions. Chemical Engineering Journal, 2018, 331, 124-131.	6.6	164
88	Polyaniline-Encapsulated Metalâ€“Organic Framework MIL-101: Adsorbent with Record-High Adsorption Capacity for the Removal of Both Basic Quinoline and Neutral Indole from Liquid Fuel. ACS Applied Materials & Interfaces, 2018, 10, 35639-35646.	4.0	50
89	Polyaniline-loaded metal-organic framework MIL-101(Cr): Promising adsorbent for CO2 capture with increased capacity and selectivity by polyaniline introduction. Journal of CO2 Utilization, 2018, 28, 319-325.	3.3	47
90	Record-high adsorption capacities of polyaniline-derived porous carbons for the removal of personal care products from water. Chemical Engineering Journal, 2018, 352, 71-78.	6.6	41

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91	Conversion of ethylene into propylene with the siliceous SSZ-13 zeolite prepared without an organic structure-directing agent. Journal of Catalysis, 2018, 365, 94-104.	3.1	24
92	Iron Phosphide Incorporated into Ironâ€Treated Heteroatomsâ€Doped Porous Bioâ€Carbon as Efficient Electrocatalyst for the Oxygen Reduction Reaction. ChemElectroChem, 2018, 5, 1944-1953.	1.7	28
93	Polyaniline-derived porous carbons: Remarkable adsorbent for removal of various hazardous organics from both aqueous and non-aqueous media. Journal of Hazardous Materials, 2018, 360, 163-171.	6.5	49
94	Beyond pristine metal-organic frameworks: Preparation and application of nanostructured, nanosized, and analogous MOFs. Coordination Chemistry Reviews, 2018, 376, 20-45.	9.5	121
95	Well-dispersed Ni or MnO nanoparticles on mesoporous carbons: preparation via carbonization of bimetallic MOF-74s for highly reactive redox catalysts. Nanoscale, 2018, 10, 15035-15047.	2.8	43
96	Removal of nitroimidazole antibiotics from water by adsorption over metalâ€“organic frameworks modified with urea or melamine. Chemical Engineering Journal, 2017, 315, 92-100.	6.6	186
97	Nitrogen-Doped Porous Carbons from Ionic Liquids@MOF: Remarkable Adsorbents for Both Aqueous and Nonaqueous Media. ACS Applied Materials & Interfaces, 2017, 9, 10276-10285.	4.0	133
98	Contribution of H-bond in adsorptive removal of pharmaceutical and personal care products from water using oxidized activated carbon. Microporous and Mesoporous Materials, 2017, 243, 221-228.	2.2	83
99	Adsorptive removal of herbicides from water over nitrogen-doped carbon obtained from ionic liquid@ZIF-8. Chemical Engineering Journal, 2017, 323, 203-211.	6.6	112
100	Adsorption of organic arsenic acids from water over functionalized metal-organic frameworks. Journal of Hazardous Materials, 2017, 335, 162-169.	6.5	128
101	Controlling size and acidity of SAPO-34 catalyst for efficient ethylene to propylene transformation. Molecular Catalysis, 2017, 438, 86-92.	1.0	30
102	Adsorptive Denitrogenation of Model Fuel with CuCl-Loaded Adsorbents: Contribution of Î-Complexation and Direct Interaction between Adsorbates and Cuprous Ions. Journal of Physical Chemistry C, 2017, 121, 11601-11608.	1.5	20
103	Protonated MIL-125-NH₂: Remarkable Adsorbent for the Removal of Quinoline and Indole from Liquid Fuel. ACS Applied Materials & Interfaces, 2017, 9, 20938-20946.	4.0	69
104	Conversion of Y into SSZ-13 zeolite in the presence of tetraethylammonium hydroxide and ethylene-to-propylene reactions over SSZ-13 zeolites. Catalysis Today, 2017, 298, 53-60.	2.2	39
105	Adsorption of pharmaceuticals and personal care products over metal-organic frameworks functionalized with hydroxyl groups: Quantitative analyses of H-bonding in adsorption. Chemical Engineering Journal, 2017, 322, 366-374.	6.6	204
106	Adsorptive denitrogenation of model fuel by functionalized UiO-66 with acidic and basic moieties. Chemical Engineering Journal, 2017, 321, 40-47.	6.6	61
107	Adsorptive removal of ibuprofen and diclofenac from water using metal-organic framework-derived porous carbon. Chemical Engineering Journal, 2017, 314, 50-58.	6.6	310
108	Tandem Femto- and Nanomolar Analysis of Two Protein Biomarkers in Plasma on a Single Mixed Antibody Monolayer Surface Using Surface Plasmon Resonance. Analytical Chemistry, 2017, 89, 12562-12568.	3.2	14

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109	TiO₂-Containing Carbon Derived from a Metalâ€“Organic Framework Composite: A Highly Active Catalyst for Oxidative Desulfurization. ACS Applied Materials & Interfaces, 2017, 9, 31192-31202.	4.0	110
110	Metal organic framework derived mesoporous carbon nitrides with a high specific surface area and chromium oxide nanoparticles for CO₂ and hydrogen adsorption. Journal of Materials Chemistry A, 2017, 5, 21542-21549.	5.2	45
111	Metal-organic frameworks as efficient catalytic systems for the synthesis of 1,5-benzodiazepines from 1,2-phenylenediamine and ketones. Journal of Catalysis, 2017, 354, 128-137.	3.1	20
112	A remarkable adsorbent for removal of contaminants of emerging concern from water: Porous carbon derived from metal azolate framework-6. Journal of Hazardous Materials, 2017, 340, 179-188.	6.5	88
113	Iron-containing materials as catalysts for the synthesis of 1,5-benzodiazepine from 1,2-phenylenediamine and acetone. Reaction Kinetics, Mechanisms and Catalysis, 2017, 121, 689-699.	0.8	11
114	Applications of metal-organic frameworks in adsorption/separation processes via hydrogen bonding interactions. Chemical Engineering Journal, 2017, 310, 197-215.	6.6	370
115	Isostructural metal-carboxylates MIL-100(M) and MIL-53(M) (M: V, Al, Fe and Cr) as catalysts for condensation of glycerol with acetone. Applied Catalysis A: General, 2017, 529, 167-174.	2.2	67
116	Adsorptive desulfurization using Cuâ€“Ce/metalâ€“organic framework: Improved performance based on synergy between Cu and Ce. Chemical Engineering Journal, 2017, 311, 20-27.	6.6	89
117	Adsorption of benzotriazole and benzimidazole from water over a Co-based metal azolate framework MAF-5(Co). Journal of Hazardous Materials, 2017, 324, 131-138.	6.5	110
118	Adsorptive removal and separation of chemicals with metal-organic frameworks: Contribution of Ï€-complexation. Journal of Hazardous Materials, 2017, 325, 198-213.	6.5	245
119	Acid-base properties and catalytic activity of metal-organic frameworks: A view from spectroscopic and semiempirical methods. Catalysis Reviews - Science and Engineering, 2016, 58, 209-307.	5.7	43
120	Selective Adsorption of n-Alkanes from n-Octane on Metal-Organic Frameworks: Length Selectivity. ACS Applied Materials & Interfaces, 2016, 8, 6770-6777.	4.0	38
121	Adsorption of diclofenac sodium from water using oxidized activated carbon. Chemical Engineering Journal, 2016, 301, 27-34.	6.6	282
122	Adsorption of indole and quinoline from a model fuel on functionalized MIL-101: effects of H-bonding and coordination. Physical Chemistry Chemical Physics, 2016, 18, 14787-14794.	1.3	52
123	Adsorptive removal of nitrogen-containing compounds from a model fuel using a metalâ€“organic framework having a free carboxylic acid group. Chemical Engineering Journal, 2016, 299, 236-243.	6.6	65
124	UiO-66-Type Metalâ€“Organic Framework with Free Carboxylic Acid: Versatile Adsorbents via H-bond for Both Aqueous and Nonaqueous Phases. ACS Applied Materials & Interfaces, 2016, 8, 27394-27402.	4.0	112
125	Syntheses of SSZ-39 and mordenite zeolites with N,N-dialkyl-2,6-dimethyl-piperidinium hydroxide/iodides: Phase-selective syntheses with anions. Microporous and Mesoporous Materials, 2016, 235, 135-142.	2.2	21
126	Pressure-Dependent Structural and Chemical Changes in a Metalâ€“Organic Framework with One-Dimensional Pore Structure. Chemistry of Materials, 2016, 28, 5336-5341.	3.2	25

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127	Adsorptive Removal of Artificial Sweeteners from Water Using Metalâ€“Organic Frameworks Functionalized with Urea or Melamine. ACS Applied Materials & Interfaces, 2016, 8, 29799-29807.	4.0	85
128	Adsorptive Removal of Pharmaceuticals and Personal Care Products from Water with Functionalized Metal-organic Frameworks: Remarkable Adsorbents with Hydrogen-bonding Abilities. Scientific Reports, 2016, 6, 34462.	1.6	187
129	Hydrophobic Cobalt-Ethylimidazolate Frameworks: Phase-Pure Syntheses and Possible Application in Cleaning of Contaminated Water. Inorganic Chemistry, 2016, 55, 11362-11371.	1.9	58
130	Enhanced adsorptive desulfurization with flexible metalâ€“organic frameworks in the presence of diethyl ether and water. Chemical Communications, 2016, 52, 8667-8670.	2.2	32
131	Remarkable adsorptive removal of nitrogen-containing compounds from a model fuel by a graphene oxide/MIL-101 composite through a combined effect of improved porosity and hydrogen bonding. Journal of Hazardous Materials, 2016, 314, 318-325.	6.5	70
132	Conversion of Y into SSZ-13 zeolites and ethylene-to-propylene reactions over the obtained SSZ-13 zeolites. Chemical Engineering Journal, 2016, 303, 667-674.	6.6	52
133	Remarkable adsorbent for phenol removal from fuel: Functionalized metalâ€“organic framework. Fuel, 2016, 174, 43-48.	3.4	79
134	Adsorption of Nitrogen-Containing Compounds from Model Fuel over Sulfonated Metalâ€“Organic Framework: Contribution of Hydrogen-Bonding and Acidâ€“Base Interactions in Adsorption. Journal of Physical Chemistry C, 2016, 120, 407-415.	1.5	90
135	Ionic liquid@MIL-101 prepared via the ship-in-bottle technique: remarkable adsorbents for the removal of benzothiophene from liquid fuel. Chemical Communications, 2016, 52, 2561-2564.	2.2	105
136	Photoreactivity of metal-organic frameworks in the decolorization of methylene blue in aqueous solution. Catalysis Today, 2016, 266, 136-143.	2.2	36
137	Adsorptive desulfurization and denitrogenation using metal-organic frameworks. Journal of Hazardous Materials, 2016, 301, 259-276.	6.5	365
138	Adsorptive removal of diclofenac sodium from water with Zr-based metalâ€“organic frameworks. Chemical Engineering Journal, 2016, 284, 1406-1413.	6.6	303
139	Adsorptive Removal of Hazardous Organics from Water with Metal-organic Frameworks. Applied Chemistry for Engineering, 2016, 27, 358-365.	0.2	12
140	Spectroscopic methods as instruments for the prediction of catalytic behavior of metal-organic frameworks. Russian Chemical Bulletin, 2015, 64, 1772-1783.	0.4	5
141	Remarkable improvement in adsorptive denitrogenation of model fossil fuels with CuCl/activated carbon, prepared under ambient condition. Chemical Engineering Journal, 2015, 279, 327-334.	6.6	59
142	Liquid-Phase Adsorption of Aromatics over a Metalâ€“Organic Framework and Activated Carbon: Effects of Hydrophobicity/Hydrophilicity of Adsorbents and Solvent Polarity. Journal of Physical Chemistry C, 2015, 119, 26620-26627.	1.5	86
143	Adsorptive removal of methylchlorophenoxypropionic acid from water with a metal-organic framework. Chemical Engineering Journal, 2015, 270, 22-27.	6.6	154
144	Adsorptive removal of p-arsanilic acid from water using mesoporous zeolitic imidazolate framework-8. Chemical Engineering Journal, 2015, 267, 9-15.	6.6	175

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145	Adsorptive removal of benzothiophene from model fuel, using modified activated carbons, in presence of diethylether. Fuel, 2015, 145, 249-255.	3.4	43
146	Facile Method To Disperse Nonporous Metal Organic Frameworks: Composite Formation with a Porous Metal Organic Framework and Application in Adsorptive Desulfurization. ACS Applied Materials & Interfaces, 2015, 7, 10429-10435.	4.0	71
147	Scandium-Triflate/Metalâ€“Organic Frameworks: Remarkable Adsorbents for Desulfurization and Denitrogenation. Inorganic Chemistry, 2015, 54, 11498-11504.	1.9	40
148	Esterification and acetylation reactions over in situ synthesized mesoporous sulfonated silica. Chemical Engineering Journal, 2015, 278, 105-112.	6.6	23
149	Effect of Central Metal Ions of Analogous Metalâ€“Organic Frameworks on Adsorption of Organoarsenic Compounds from Water: Plausible Mechanism of Adsorption and Water Purification. Chemistry - A European Journal, 2015, 21, 347-354.	1.7	155
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