

# Zi-Feng Yan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6805053/publications.pdf>

Version: 2024-02-01

421  
papers

18,388  
citations

18887

64  
h-index

25230

113  
g-index

424  
all docs

424  
docs citations

424  
times ranked

23216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-atom Zn for boosting supercapacitor performance. <i>Nano Research</i> , 2022, 15, 1715-1724.	5.8	26
2	Influence of framework Al distribution in HZSM-5 channels on catalytic performance in the methanol to propylene reaction. <i>Applied Catalysis A: General</i> , 2022, 629, 118422.	2.2	15
3	Polycyclic Aromatic Hydrocarbons as a New Class of Promising Cathode Materials for Aluminum-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114681.	7.2	37
4	Deactivation behavior investigation on commercial precipitated iron Fischer-Tropsch catalyst for long time reaction. <i>Journal of Porous Materials</i> , 2022, 29, 307-315.	1.3	5
5	Polycyclic Aromatic Hydrocarbons as a New Class of Promising Cathode Materials for Aluminum-ion Batteries. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
6	Relieving hydrogen evolution and anodic corrosion of aqueous aluminum batteries with hybrid electrolytes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4739-4748.	5.2	11
7	Direct synthesis of nanorod stacked nest-like hierarchical ZSM-48 hollow spheres using a triazine-based bolaform organic structure-directing agent. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2016-2022.	3.0	5
8	Realizing an aqueous sodium-ion battery with a super-high discharge voltage based on a novel FeSe <sub>2</sub> @rGO anode. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1622-1629.	3.0	11
9	Passivated Surface of High Aluminum Containing ZSM-5 by Silicalite-1: Synthesis and Application in Dehydration Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4839-4848.	3.2	8
10	Adsorption and reusability performance of hierarchically porous silica (MMZ) for the removal of MB dye from water. <i>Inorganic Chemistry Communication</i> , 2022, 139, 109380.	1.8	20
11	Honeycomb-like rGO aerogels via oriented freeze-drying as efficient organic solvents removing absorbents. <i>Materials Letters</i> , 2022, 318, 132164.	1.3	4
12	Fatigue Resistant Aerogel/Hydrogel Nanostructured Hybrid for Highly Sensitive and Ultrabroad Pressure Sensing. <i>Small</i> , 2022, 18, e2104706.	5.2	15
13	Multivalent cationic and anionic mixed redox of an Sb <sub>2</sub> S <sub>3</sub> cathode toward high-capacity aluminum ion batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 10829-10836.	5.2	10
14	Modulation of surface chemistry by boron modification to achieve a superior VOX/Al <sub>2</sub> O <sub>3</sub> catalyst in propane dehydrogenation. <i>Catalysis Today</i> , 2022, 402, 248-258.	2.2	4
15	Confinement of Au, Pd and Pt nanoparticle with reduced sizes: Significant improvement of dispersion degree and catalytic activity. <i>Microporous and Mesoporous Materials</i> , 2022, 337, 111927.	2.2	18
16	MoO <sub>3</sub> Nanorods Decorated by PbMoO <sub>4</sub> Nanoparticles for Enhanced Trimethylamine Sensing Performances at Low Working Temperature. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 24610-24619.	4.0	15
17	Dual carbon Li-ion capacitor with high energy density and ultralong cycling life at a wide voltage window. <i>Science China Materials</i> , 2022, 65, 2373-2384.	3.5	5
18	A core-shelled Sb@C nanorod cathode with a graphene aerogel interlayer for high-capacity aluminum ion batteries. <i>Nanoscale</i> , 2022, 14, 10566-10572.	2.8	5

#	ARTICLE	IF	CITATIONS
19	Ultrafast and Long-Cycle Stable Aluminum Polyphenylene Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 30927-30936.	4.0	9
20	Highly dispersive Cu species constructed in mesoporous silica derived from ZSM-5 for batch and continuous adsorptive desulfurization of thiophene. <i>Fuel Processing Technology</i> , 2022, 235, 107351.	3.7	17
21	One-pot synthesis of the highly efficient bifunctional Ni-SAPO-11 catalyst. <i>Journal of Materials Science and Technology</i> , 2021, 76, 86-94.	5.6	20
22	High-performance aluminum-polyaniline battery based on the interaction between aluminum ion and -NH groups. <i>Science China Materials</i> , 2021, 64, 318-328.	3.5	31
23	Fabrication of gold nanoparticles within hierarchically ZSM-5-based micro-/mesostructures (MMZ) with enhanced stability for catalytic reduction of p-nitrophenol and methylene blue. <i>Separation and Purification Technology</i> , 2021, 254, 117645.	3.9	22
24	Impact of $\gamma$ -alumina pore structure on structure and performance of Ni-Mo- $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalyst for 4,6-dimethyldibenzothiophene desulfurization. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110637.	2.2	11
25	High-performance benzyl alcohol oxidation catalyst: Au-Pd alloy with ZrO <sub>2</sub> as promoter. <i>Applied Surface Science</i> , 2021, 537, 148059.	3.1	19
26	$\gamma$ -Sulfo alkyl ester surfactants: Impact of changing the alkyl chain length on the adsorption, mixing properties and response to electrolytes of the tetradecanoate. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 876-890.	5.0	4
27	Controllable synthesis of SAPO-11/5 intergrowth zeolite for hydroisomerization of n-hexane. <i>Microporous and Mesoporous Materials</i> , 2021, 313, 110857.	2.2	10
28	The inner heterogeneity of ZSM-5 zeolite crystals. <i>Journal of Materials Chemistry A</i> , 2021, 9, 4203-4212.	5.2	21
29	Improving the performance of lithium ion capacitor by stabilizing anode working potential using CoSe <sub>2</sub> nanoparticles embedded nitrogen-doped hard carbon microspheres. <i>Electrochimica Acta</i> , 2021, 370, 137717.	2.6	17
30	Palladium nanoparticles decorated on ZSM-5 derived micro-/mesostructures (MMZ) for nitrophenol reduction and MB degradation in water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105002.	3.3	10
31	Mesostructured cellular foam silica supported Au-Pt nanoalloy: Enrichment of d-state electrons for promoting the catalytic synergy. <i>Microporous and Mesoporous Materials</i> , 2021, 316, 110982.	2.2	9
32	Magnetic rod-based metal-organic framework metal composite as multifunctional nanostirrer with adsorptive, peroxidase-like and catalytic properties. <i>Chinese Chemical Letters</i> , 2021, 32, 3245-3251.	4.8	10
33	Active Sites and Induction Period of Fe/ZSM-5 Catalyst in Methane Dehydroaromatization. <i>ACS Catalysis</i> , 2021, 11, 6771-6786.	5.5	25
34	Direct Synthesis of Nanosheet-Stacked Hierarchical "Honey Stick"-like MFI Zeolites by an Aromatic Heterocyclic Dual-Functional Organic Structure-Directing Agent. <i>Chemistry - A European Journal</i> , 2021, 27, 8694-8697.	1.7	4
35	Highly stable Ni/ZnO-Al <sub>2</sub> O <sub>3</sub> adsorbent promoted by TiO <sub>2</sub> for reactive adsorption desulfurization. <i>EcoMat</i> , 2021, 3, e12114.	6.8	11
36	Fabrication of highly dispersed Pt NPs in nanoconfined spaces of as-made KIT-6 for nitrophenol and MB catalytic reduction in water. <i>Separation and Purification Technology</i> , 2021, 265, 118532.	3.9	28

#	ARTICLE	IF	CITATIONS
37	Highly dispersive palladium nanoparticle in nanoconfined spaces for heterogeneous catalytic reduction of anthropogenic pollutants. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 304-315.	5.0	10
38	Understanding the Fundamentals of Microporosity Upgrading in Zeolites: Increasing Diffusion and Catalytic Performances. <i>Advanced Science</i> , 2021, 8, e2100001.	5.6	23
39	One-step synthesis of egg-tray-like layered ordered macro-mesoporous SiO <sub>2</sub> @Al <sub>2</sub> O <sub>3</sub> composites for enhanced hydrodesulfurization performance. <i>Microporous and Mesoporous Materials</i> , 2021, 322, 111131.	2.2	6
40	Catalytic reduction of nitrophenol and MB waste water using homogeneous Pt NPs confined in hierarchically porous silica. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105567.	3.3	3
41	One-pot green synthesis of Fe-ZSM-5 zeolite containing framework heteroatoms via dry gel conversion for enhanced propylene selectivity of catalytic cracking catalyst. <i>Journal of Materials Science</i> , 2021, 56, 18050-18060.	1.7	8
42	Flexible carbon nanofiber film with diatomic Fe-Co sites for efficient oxygen reduction and evolution reactions in wearable zinc-air batteries. <i>Nano Energy</i> , 2021, 87, 106147.	8.2	103
43	Multivalent counterion induced multilayer adsorption at the air-water interface in dilute Aerosol-OT solutions. <i>Journal of Colloid and Interface Science</i> , 2021, 597, 223-232.	5.0	4
44	Isobutane dehydrogenation over high-performanced sulfide V-K/Î <sup>3</sup> -Al <sub>2</sub> O <sub>3</sub> catalyst: Modulation of vanadium species and intrinsic effect of potassium. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 440-448.	5.0	3
45	A rechargeable 6-electron Al@Se battery with high energy density. <i>Energy Storage Materials</i> , 2021, 41, 667-676.	9.5	44
46	Enhancing hydrogen oxidation electrocatalysis of nickel-based catalyst by simultaneous chemical anchoring and electronic structure regulation. <i>Chemical Engineering Journal</i> , 2021, 425, 130654.	6.6	15
47	Enhanced dispersion of nickel nanoparticles on SAPO-5 for boosting hydroisomerization of n-hexane. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 727-736.	5.0	18
48	Elucidation of active species and reaction mechanism of sulfide V-K/Al <sub>2</sub> O <sub>3</sub> catalyst for isobutane dehydrogenation. <i>Applied Surface Science</i> , 2021, 569, 151106.	3.1	6
49	Compatibility between Activity and Selectivity in Catalytic Oxidation of Benzyl Alcohol with Au@Pd Nanoparticles through Redox Switching of SnO <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49780-49792.	4.0	14
50	Highly dispersive lanthanum oxide fabricated in confined space of SBA-15 for adsorptive desulfurization. <i>Chemical Engineering Journal</i> , 2020, 384, 123271.	6.6	40
51	Boosting the performance of hybrid supercapacitors through redox electrolyte-mediated capacity balancing. <i>Nano Energy</i> , 2020, 68, 104226.	8.2	48
52	Strategy towards enhanced performance of zeolite catalysts: Raising effective diffusion coefficient versus reducing diffusion length. <i>Chemical Engineering Journal</i> , 2020, 385, 123800.	6.6	20
53	Small graphite nanoflakes as an advanced cathode material for aluminum ion batteries. <i>Chemical Communications</i> , 2020, 56, 1593-1596.	2.2	24
54	High performance aluminum ion battery using polyaniline/ordered mesoporous carbon composite. <i>Journal of Power Sources</i> , 2020, 477, 228702.	4.0	33

#	ARTICLE	IF	CITATIONS
55	Perovskite-Type $\text{LaCoO}_3$ as an Efficient and Green Catalyst for Sustainable Partial Oxidation of Cyclohexane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 21322-21332.	1.8	29
56	Polypyrrole/silver coaxial nanocables structured aerogels as piezoresistive sensors. <i>Materials Letters</i> , 2020, 279, 128474.	1.3	2
57	Comprehensive evaluation of hydro-liquefaction characteristics of lignocellulosic subcomponents. <i>Journal of the Energy Institute</i> , 2020, 93, 1705-1712.	2.7	11
58	Lithiation-Induced Vacancy Engineering of $\text{Co}_3\text{O}_4$ with Improved Faradic Reactivity for High-Performance Supercapacitor. <i>Advanced Functional Materials</i> , 2020, 30, 2004172.	7.8	156
59	$\text{H}_2$ -Hydrogen of Polythiophene Induced Aluminum Ion Storage for High-Performance Al-Polythiophene Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 46065-46072.	4.0	31
60	Diffusion and catalyst efficiency in hierarchical zeolite catalysts. <i>National Science Review</i> , 2020, 7, 1726-1742.	4.6	104
61	Unraveling the Diffusion Properties of Zeolite-Based Multicomponent Catalyst by Combined Gravimetric Analysis and IR Spectroscopy (AGIR). <i>ACS Catalysis</i> , 2020, 10, 6822-6830.	5.5	26
62	Boosting the bifunctional oxygen electrocatalytic performance of atomically dispersed Fe site via atomic Ni neighboring. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119091.	10.8	130
63	Intra-crystalline mesoporous SAPO-11 prepared by a grinding synthesis method as FCC promoters to increase iso-paraffin of gasoline. <i>Microporous and Mesoporous Materials</i> , 2020, 305, 110320.	2.2	10
64	Highly stable phosphine modified $\text{VO}_x/\text{Al}_2\text{O}_3$ catalyst in propane dehydrogenation. <i>Applied Catalysis B: Environmental</i> , 2020, 274, 119089.	10.8	57
65	Rapid and green synthesis of SAPO-11 for deoxygenation of stearic acid to produce bio-diesel fractions. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110280.	2.2	17
66	Unusual Pd nanoparticle dispersion in microenvironment for p-nitrophenol and methylene blue catalytic reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 37-46.	5.0	38
67	Biomimetic fabrication of highly ordered laminae "trestle" laminae structured copper aero-sponge. <i>Nanoscale</i> , 2020, 12, 8982-8990.	2.8	8
68	Anisotropic plasmonic nanostructures for colorimetric sensing. <i>Nano Today</i> , 2020, 32, 100855.	6.2	143
69	Multi-Arch-Structured All-Carbon Aerogels with Superelasticity and High Fatigue Resistance as Wearable Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 16822-16830.	4.0	40
70	Magnetic metal-organic framework composites for environmental monitoring and remediation. <i>Coordination Chemistry Reviews</i> , 2020, 413, 213261.	9.5	82
71	In Situ Catalysis and Extraction Approach for Fast Evaluation of Heterogeneous Catalytic Efficiency. <i>Analytical Chemistry</i> , 2020, 92, 9989-9996.	3.2	10
72	Effect of fluoride ions on the stability of SAPO-11 molecular sieves. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110461.	2.2	10

#	ARTICLE	IF	CITATIONS
73	Phosphorus-modified b-axis oriented hierarchical ZSM-5 zeolites for enhancing catalytic performance in a methanol to propylene reaction. <i>Applied Catalysis A: General</i> , 2020, 594, 117464.	2.2	49
74	Multivalent electrolyte induced surface ordering and solution self-assembly in anionic surfactant mixtures: Sodium dodecyl sulfate and sodium diethylene glycol monododecyl sulfate. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 567-581.	5.0	9
75	Co-assembly route to facile synthesis of hierarchical core-shell nano-CuMOR@SBA-15 composite for one-step conversion of DME to ethanol with enhanced catalytic performance. <i>Journal of Porous Materials</i> , 2020, 27, 855-862.	1.3	1
76	The effect of co-feeding ethanol on a methanol to propylene (MTP) reaction over a commercial MTP catalyst. <i>Applied Catalysis A: General</i> , 2020, 592, 117429.	2.2	9
77	Coordination of Acidic Deep Eutectic Solventâ€“Chromium Trichloride Catalytic System for Efficient Synthesis of Fructose to 5-Hydroxymethylfurfural. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 17554-17563.	1.8	23
78	Ultrasmall NiFe layered double hydroxide strongly coupled on atomically dispersed FeCo-NC nanoflowers as efficient bifunctional catalyst for rechargeable Zn-air battery. <i>Science China Materials</i> , 2020, 63, 1182-1195.	3.5	44
79	Layered double hydroxides derived NiCo-sulfide as a cathode material for aluminum ion batteries. <i>Electrochimica Acta</i> , 2020, 344, 136174.	2.6	26
80	Isomerization of $\alpha$ -pinene with a hierarchical mordenite molecular sieve prepared by the microwave assisted alkaline treatment. <i>Microporous and Mesoporous Materials</i> , 2020, 299, 110117.	2.2	21
81	Regulation of synergy between metal and acid sites over the Ni-SAPO-11 catalyst for n-hexane hydroisomerization. <i>Fuel</i> , 2020, 274, 117855.	3.4	33
82	Effective performance of CeO <sub>2</sub> based silica for preparation of octanal. <i>Journal of Porous Materials</i> , 2020, 27, 1101-1108.	1.3	6
83	Mother liquor induced preparation of SAPO-34 zeolite for MTO reaction. <i>Catalysis Today</i> , 2020, 358, 109-115.	2.2	17
84	Direct synthesis of b-axis oriented H-form ZSM-5 zeolites with an enhanced performance in the methanol to propylene reaction. <i>Microporous and Mesoporous Materials</i> , 2020, 302, 110246.	2.2	21
85	Hierarchical peony-like FeCo-NC with conductive network and highly active sites as efficient electrocatalyst for rechargeable Zn-air battery. <i>Nano Research</i> , 2020, 13, 1090-1099.	5.8	77
86	Multi-Arches Structured All-Carbon Aerogels with Super Elasticity and High Fatigue Resistance As Sensitive Wearable Sensors. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1978-1978.	0.0	2
87	Narrow-bandgap Nb <sub>2</sub> O <sub>5</sub> nanowires with enclosed pores as high-performance photocatalyst. <i>Science China Materials</i> , 2019, 62, 203-210.	3.5	14
88	Vanadium and nickel deposition on FCC catalyst: Influence of residual catalyst acidity on catalytic products. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 276-285.	2.2	27
89	The structure of alkyl ester sulfonate surfactant micelles: The impact of different valence electrolytes and surfactant structure on micelle growth. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 124-134.	5.0	15
90	What is the effect of Sn and Mo oxides on gold catalysts for selective oxidation of benzyl alcohol?. <i>New Journal of Chemistry</i> , 2019, 43, 2591-2599.	1.4	5

#	ARTICLE	IF	CITATIONS
91	Fabrication of 3-D confined spaces with Au NPs: Superior dispersion and catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2019, 540, 371-381.	5.0	23
92	Superior catalytic performance of micro-mesoporous Beta-SBA-15 composite with a high indexed isomerization factor in hydroisomerization of n-heptane. <i>Fuel</i> , 2019, 252, 653-665.	3.4	28
93	Formation of PdO on Au-Pd bimetallic catalysts and the effect on benzyl alcohol oxidation. <i>Journal of Catalysis</i> , 2019, 375, 32-43.	3.1	60
94	Metal and acid sites instantaneously prepared over Ni/SAPO-11 bifunctional catalyst. <i>Journal of Catalysis</i> , 2019, 374, 208-216.	3.1	58
95	Revealing the impacting factors of cathodic carbon catalysts for Li-CO <sub>2</sub> batteries in the pore-structure point of view. <i>Electrochimica Acta</i> , 2019, 311, 41-49.	2.6	28
96	Enhanced Catalytic Performance of the FCC Catalyst with an Alumina Matrix Modified by the Zeolite Y Structure-Directing Agent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 5455-5463.	1.8	7
97	Impact of molecular structure, headgroup and alkyl chain geometry, on the adsorption of the anionic ester sulfonate surfactants at the air-solution interface, in the presence and absence of electrolyte. <i>Journal of Colloid and Interface Science</i> , 2019, 544, 293-302.	5.0	14
98	Predicting Catalytic Performance of Micro-Mesoporous Pt/Beta-KIT-6 Catalyst in n-Heptane Hydroisomerization Using Indexed Isomerization Factor and Experimental Verification. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 5146-5157.	1.8	9
99	Effective adsorptive performance of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core shell spheres for methylene blue: kinetics, isotherm and mechanism. <i>Journal of Porous Materials</i> , 2019, 26, 1465-1474.	1.3	26
100	Direct Synthesis of Water-Dispersible Magnetic/Plasmonic Heteronanostructures for Multimodality Biomedical Imaging. <i>Nano Letters</i> , 2019, 19, 3011-3018.	4.5	66
101	Free-standing cotton-derived carbon microfiber@nickel-aluminum layered double hydroxides composite and its excellent capacitive performance. <i>Journal of Alloys and Compounds</i> , 2019, 787, 27-35.	2.8	21
102	Surfactant assisted electrospinning of WS <sub>2</sub> nanofibers and its promising performance as anode material of sodium-ion batteries. <i>Electrochimica Acta</i> , 2019, 302, 259-269.	2.6	30
103	Metal-acid balance in the in-situ solid synthesized Ni/SAPO-11 catalyst for n-hexane hydroisomerization. <i>Fuel</i> , 2019, 243, 398-405.	3.4	46
104	3. Functional catalysts for catalytic removal of formaldehyde from air. , 2019, , 89-126.		4
105	Mechanistic insights into structural and surface variations in Y-type zeolites upon interaction with binders. <i>Applied Catalysis A: General</i> , 2019, 571, 137-149.	2.2	26
106	Fluid catalytic cracking technology: current status and recent discoveries on catalyst contamination. <i>Catalysis Reviews - Science and Engineering</i> , 2019, 61, 333-405.	5.7	84
107	Oriented freeze-casting fabrication of resilient copper nanowire-based aerogel as robust piezoresistive sensor. <i>Chemical Engineering Journal</i> , 2019, 364, 28-36.	6.6	34
108	Beta-MCM-41 micro-mesoporous catalysts in the hydroisomerization of n-heptane: Definition of an indexed isomerization factor as a performance descriptor. <i>Microporous and Mesoporous Materials</i> , 2019, 277, 17-28.	2.2	31

#	ARTICLE	IF	CITATIONS
109	In-situ ion-activated carbon nanospheres with tunable ultramicroporosity for superior CO <sub>2</sub> capture. Carbon, 2019, 143, 531-541.	5.4	96
110	Enhanced Supercapacitive Performance of MnCO <sub>3</sub> @rGO in an Electrolyte with KI as Additive. ChemElectroChem, 2019, 6, 316-319.	1.7	15
111	Hydrothermal synthesis of beta zeolite from industrial silica sol as silicon source. Journal of Porous Materials, 2019, 26, 1017-1025.	1.3	4
112	Isobutane adsorption with carrier gas recirculation at different relative humidities using activated carbon fiber cloth and electrothermal regeneration. Chemical Engineering Journal, 2019, 360, 1011-1019.	6.6	21
113	Catalytic removal of soot particles over MnCo <sub>2</sub> O <sub>4</sub> catalysts prepared by the auto-combustion method. Chemical Papers, 2018, 72, 1973-1979.	1.0	4
114	Efficient hydro-liquefaction of woody biomass over ionic liquid nickel based catalyst. Industrial Crops and Products, 2018, 113, 157-166.	2.5	21
115	Ammonia assisted functionalization of cuprous oxide within confined spaces of SBA-15 for adsorptive desulfurization. Chemical Engineering Journal, 2018, 339, 557-565.	6.6	62
116	Surface dealumination of micro-sized ZSM-5 for improving propylene selectivity and catalyst lifetime in methanol to propylene (MTP) reaction. Catalysis Communications, 2018, 109, 1-5.	1.6	32
117	High performance heterojunction photocatalytic membranes formed by embedding Cu <sub>2</sub> O and TiO <sub>2</sub> nanowires in reduced graphene oxide. Catalysis Science and Technology, 2018, 8, 1704-1711.	2.1	23
118	Vanadium contamination of FCC catalyst: Understanding the destruction and passivation mechanisms. Applied Catalysis A: General, 2018, 555, 108-117.	2.2	7
119	Zeolite Y Mother Liquor Modified $\gamma$ -Al <sub>2</sub> O <sub>3</sub> with Enhanced Brønsted Acidity as Active Matrix to Improve the Performance of Fluid Catalytic Cracking Catalyst. Industrial & Engineering Chemistry Research, 2018, 57, 1389-1398.	1.8	29
120	Adsorption Mechanism of Oil by Resilient Graphene Aerogels from Oil-in-Water Emulsion. Langmuir, 2018, 34, 1890-1898.	1.6	110
121	Polydopamine-coated graphene nanosheets as efficient electrocatalysts for oxygen reduction reaction. RSC Advances, 2018, 8, 16044-16051.	1.7	13
122	Outstanding capacitive performance of ordered mesoporous carbon modified by anthraquinone. Electrochimica Acta, 2018, 259, 110-121.	2.6	37
123	New strategy to prepare ultramicroporous carbon by ionic activation for superior CO <sub>2</sub> capture. Chemical Engineering Journal, 2018, 337, 290-299.	6.6	58
124	Effect of SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Ratio on Micro-Mesopore Formation for Pt/Beta-MCM-41 via NaOH Treatment and the Catalytic Performance in N-heptane Hydro isomerization. IOP Conference Series: Earth and Environmental Science, 2018, 108, 042105.	0.2	3
125	Nitrogen and Sulfur Co-Doped Graphene Nanosheets to Improve Anode Materials for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 37172-37180.	4.0	69
126	Carbon-encapsulated CoSe nanoparticles derived from metal-organic frameworks as advanced cathode material for Al-ion battery. Journal of Power Sources, 2018, 401, 6-12.	4.0	94



#	ARTICLE	IF	CITATIONS
127	Ultrastable bimetallic catalyst with tuned surface electronic properties for highly selective oxidation of cyclohexane. <i>Applied Surface Science</i> , 2018, 457, 580-590.	3.1	24
128	Silicoaluminophosphate-11 (SAPO-11) molecular sieves synthesized via a grinding synthesis method. <i>Chemical Communications</i> , 2018, 54, 10950-10953.	2.2	16
129	Size regulation and dispersion of ceria using confined spaces for adsorptive desulfurization. <i>Chemical Engineering Journal</i> , 2018, 348, 319-326.	6.6	38
130	Two-stage glucose-assisted crystallization of ZSM-5 to improve methanol to propylene (MTP). <i>Microporous and Mesoporous Materials</i> , 2018, 270, 57-66.	2.2	37
131	Sulfur introduction in $\text{K}^3\text{-Al}_2\text{O}_3$ catalyst for high performance in the non-oxidative dehydrogenation of isobutane. <i>Catalysis Science and Technology</i> , 2018, 8, 5473-5481.	2.1	16
132	Confinement of mesopores within ZSM-5 and functionalization with Ni NPs for deep desulfurization. <i>Chemical Engineering Journal</i> , 2018, 354, 706-715.	6.6	42
133	Promoter effect of heteroatom substituted AlPO-11 molecular sieves in hydrocarbons cracking reaction. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 330-335.	5.0	5
134	Stable $\text{CoSe}_2$ /carbon nanodice@reduced graphene oxide composites for high-performance rechargeable aluminum-ion batteries. <i>Energy and Environmental Science</i> , 2018, 11, 2341-2347.	15.6	240
135	The regulation of Si distribution and surface acidity of SAPO-11 molecular sieve. <i>Applied Surface Science</i> , 2018, 453, 350-357.	3.1	27
136	Combined alkali dissolution and re-assembly approach toward ZSM-5 mesostructures with extended lifetime in cumene cracking. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 283-293.	5.0	10
137	Cation-anion double hydrolysis derived mesoporous mixed oxides for reactive adsorption desulfurization. <i>Microporous and Mesoporous Materials</i> , 2017, 238, 36-45.	2.2	18
138	Synthesis and characterization of mesoporous Si-modified alumina with high thermal stability. <i>Microporous and Mesoporous Materials</i> , 2017, 238, 84-89.	2.2	34
139	Excellent membranes for hydrogen purification: Dumbbell-shaped porous $\beta$ -graphynes. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 5168-5176.	3.8	35
140	Effect of ethanol on the surface properties and n-heptane isomerization performance of Ni/SAPO-11. <i>Applied Surface Science</i> , 2017, 401, 57-64.	3.1	39
141	Dispersion of nickel nanoparticles in the cages of metal-organic framework: An efficient sorbent for adsorptive removal of thiophene. <i>Chemical Engineering Journal</i> , 2017, 315, 469-480.	6.6	74
142	High performance of $\text{H}_3\text{BO}_3$ modified USY and equilibrium catalyst with tailored acid sites in catalytic cracking. <i>Microporous and Mesoporous Materials</i> , 2017, 243, 319-330.	2.2	27
143	Effect of lanthanum species on the physicochemical properties of La/SAPO-11 molecular sieve. <i>Journal of Catalysis</i> , 2017, 347, 170-184.	3.1	23
144	Preparation, scale-up and application of meso-ZSM-5 zeolite by sequential desilication-dealumination. <i>Journal of Porous Materials</i> , 2017, 24, 1513-1525.	1.3	31

#	ARTICLE	IF	CITATIONS
145	Functionalization of petroleum coke-based mesoporous carbon for synergistically enhanced capacitive performance. <i>Journal of Materials Research</i> , 2017, 32, 1248-1257.	1.2	7
146	A high surface area mesoporous $\gamma$ -Al <sub>2</sub> O <sub>3</sub> with tailoring texture by glucose template for ethanol dehydration to ethylene. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 89-97.	2.2	34
147	In situ one-step synthesis of Fe <sub>3</sub> O <sub>4</sub> @MIL-100(Fe) core-shells for adsorption of methylene blue from water. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 186-195.	5.0	121
148	Remarkable supercapacitor performance of petal-like LDHs vertically grown on graphene/polypyrrole nanoflakes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8964-8971.	5.2	53
149	Significant role of ultramicropores on capacitive properties of polypyrrole-based carbons. <i>AIP Conference Proceedings</i> , 2017, . .	0.3	0
150	Unusual nickel dispersion in confined spaces of mesoporous silica by one-pot strategy for deep desulfurization of sulfur compounds and FCC gasoline. <i>Chemical Engineering Journal</i> , 2017, 321, 48-57.	6.6	30
151	Synthesis of monodispersed colloidal particles via a hydrothermally promoted double hydrolysis approach. <i>CrystEngComm</i> , 2017, 19, 552-561.	1.3	1
152	Remarkably high performance of clew-like ZnO superstructure in reactive adsorption desulfurization. <i>Science China Materials</i> , 2017, 60, 985-994.	3.5	9
153	Insight of synergistic effect of different active metal ions in layered double hydroxides on their electrochemical behaviors. <i>Electrochimica Acta</i> , 2017, 253, 302-310.	2.6	67
154	Electrostatic Self-Assembly of Sandwich-Like CoAl-LDH/Polypyrrole/Graphene Nanocomposites with Enhanced Capacitive Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 31699-31709.	4.0	103
155	Study of coke deposited on a VO <sub>x</sub> -K <sub>2</sub> O/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalyst in the non-oxidative dehydrogenation of isobutane. <i>Applied Catalysis A: General</i> , 2017, 545, 1-9.	2.2	35
156	Facile functionalization of 3-D ordered KIT-6 with cuprous oxide for deep desulfurization. <i>Chemical Engineering Journal</i> , 2017, 330, 372-382.	6.6	32
157	Highly efficient catalysts of Mn <sup>1-x</sup> Ag <sup>x</sup> Co <sub>2</sub> O <sub>4</sub> spinel oxide for soot combustion. <i>Catalysis Communications</i> , 2017, 101, 134-137.	1.6	32
158	Bifunctional petaloid nickel manganese layered double hydroxides decorated on a freestanding carbon foam for flexible asymmetric supercapacitor and oxygen evolution. <i>Electrochimica Acta</i> , 2017, 252, 275-285.	2.6	30
159	Pore confinement effect of MoO <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> catalyst for deep hydrodesulfurization. <i>Chemical Engineering Journal</i> , 2017, 330, 706-717.	6.6	42
160	Layered double hydroxides toward high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15460-15485.	5.2	326
161	Superior performance of freeze-dried Ni/ZnO-Al <sub>2</sub> O <sub>3</sub> adsorbent in the ultra-deep desulfurization of high sulfur model gasoline. <i>Fuel Processing Technology</i> , 2017, 156, 505-514.	3.7	25
162	Dramatic enhancement of superconductivity in single-crystalline nanowire arrays of Sn. <i>Scientific Reports</i> , 2016, 6, 32963.	1.6	20

#	ARTICLE	IF	CITATIONS
163	Functionalized activated carbon prepared from petroleum coke with high-rate supercapacitive performance. <i>Journal of Materials Research</i> , 2016, 31, 3723-3730.	1.2	13
164	Functionalization of Petroleum Coke-Derived Carbon for Synergistically Enhanced Capacitive Performance. <i>Nanoscale Research Letters</i> , 2016, 11, 163.	3.1	31
165	Revisiting the Stöber method: Design of nitrogen-doped porous carbon spheres from molecular precursors of different chemical structures. <i>Journal of Colloid and Interface Science</i> , 2016, 476, 55-61.	5.0	30
166	One-Pot Cation-Anion Double Hydrolysis Derived Ni/ZnO-Al <sub>2</sub> O <sub>3</sub> Absorbent for Reactive Adsorption Desulfurization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 3751-3758.	1.8	33
167	Improved catalytic cracking performance of USY in the presence of metal contaminants by post-synthesis modification. <i>Fuel</i> , 2016, 178, 243-252.	3.4	30
168	Role of nickel on vanadium poisoned FCC catalyst: A study of physicochemical properties. <i>Journal of Energy Chemistry</i> , 2016, 25, 667-676.	7.1	34
169	ZSM-5-based mesostructures by combined alkali dissolution and re-assembly: Process controlling and scale-up. <i>Chemical Engineering Journal</i> , 2016, 302, 323-333.	6.6	30
170	Enhanced Capacitive Performance of N-Doped Activated Carbon from Petroleum Coke by Combining Ammoxidation with KOH Activation. <i>Nanoscale Research Letters</i> , 2016, 11, 245.	3.1	24
171	Comment on "Ultra-high Performance Supercapacitor from Lacey Reduced Graphene Oxide Nanoribbons". <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26427-26428.	4.0	4
172	Efficient Hydroliquefaction of Sawdust over a Novel Silica-Supported Monoclinic Molybdenum Dioxide Catalyst. <i>Energy &amp; Fuels</i> , 2016, 30, 6495-6499.	2.5	10
173	A review of the direct oxidation of methane to methanol. <i>Chinese Journal of Catalysis</i> , 2016, 37, 1206-1215.	6.9	65
174	Hydro-liquefaction of microcrystalline cellulose, xylan and industrial lignin in different supercritical solvents. <i>Bioresource Technology</i> , 2016, 219, 281-288.	4.8	45
175	Location and Surface Species of Fluid Catalytic Cracking Catalyst Contaminants: Implications for Alleviating Catalyst Deactivation. <i>Energy &amp; Fuels</i> , 2016, 30, 10371-10382.	2.5	15
176	Relationship between Surface Chemistry and Catalytic Performance of Mesoporous $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Supported VO <sub>x</sub> Catalyst in Catalytic Dehydrogenation of Propane. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 25979-25990.	4.0	67
177	Sandwich-like graphene/polypyrrole/layered double hydroxide nanowires for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2016, 331, 67-75.	4.0	62
178	In-situ synthesis of highly efficient visible light driven stannic oxide/graphitic carbon nitride heterostructured photocatalysts. <i>Journal of Colloid and Interface Science</i> , 2016, 480, 118-125.	5.0	26
179	Gold nanoparticles supported on mesoporous silica: origin of high activity and role of Au NPs in selective oxidation of cyclohexane. <i>Scientific Reports</i> , 2016, 6, 18817.	1.6	61
180	Growth of copper oxide nanocrystals in metallic nanotubes for high performance battery anodes. <i>Nanoscale</i> , 2016, 8, 19994-20000.	2.8	20

#	ARTICLE	IF	CITATIONS
181	Facile fabrication of Ni-based KIT-6 for adsorptive desulfurization. <i>Chemical Engineering Journal</i> , 2016, 302, 239-248.	6.6	41
182	VOx $\gamma$ -K <sub>2</sub> O/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> catalyst for nonoxidative dehydrogenation of isobutane. <i>Fuel Processing Technology</i> , 2016, 151, 31-39.	3.7	29
183	In-Depth Insight into the Chemical Composition of Bio-oil from Hydroliquefaction of Lignocellulosic Biomass in Supercritical Ethanol with a Dispersed Ni-Based Catalyst. <i>Energy &amp; Fuels</i> , 2016, 30, 5269-5276.	2.5	10
184	Modification of USY zeolites with malic $\gamma$ -nitric acid for hydrocracking. <i>Applied Petrochemical Research</i> , 2016, 6, 353-359.	1.3	5
185	Room temperature hydrogen sensor with ultrahigh-responsive characteristics based on Pd/SnO <sub>2</sub> /SiO <sub>2</sub> /Si heterojunctions. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 438-447.	4.0	39
186	A convenient colorimetric method for sensitive and specific detection of cyanide using Ag@Au core $\gamma$ -shell nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 366-372.	4.0	48
187	Monte Carlo simulation study of the halogenated MIL-47(V) frameworks: influence of functionalization on H <sub>2</sub> S adsorption and separation properties. <i>Journal of Materials Science</i> , 2016, 51, 2307-2319.	1.7	23
188	Sandwich-like nitrogen-doped porous carbon/graphene nanoflakes with high-rate capacitive performance. <i>Nanoscale</i> , 2016, 8, 7889-7898.	2.8	54
189	Comparison of the Reactive Adsorption Desulfurization Performance of Ni/ZnO $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Adsorbents Prepared by Different Methods. <i>Energy &amp; Fuels</i> , 2016, 30, 2874-2881.	2.5	33
190	Effects of synthetic conditions on the textural structure of pseudo-boehmite. <i>Journal of Colloid and Interface Science</i> , 2016, 469, 1-7.	5.0	42
191	Outstanding capacitive performance of reticular porous carbon/graphene sheets with superhigh surface area. <i>Electrochimica Acta</i> , 2016, 190, 923-931.	2.6	32
192	Substituting effect of Ce <sup>3+</sup> on the AlPO-11 molecular sieve. <i>Catalysis Science and Technology</i> , 2016, 6, 3821-3831.	2.1	6
193	Effect of vanadium contamination on the framework and micropore structure of ultra stable Y-zeolite. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 188-198.	5.0	17
194	Investigation of solvent effect on the hydro-liquefaction of sawdust: An innovative reference approach using tetralin as chemical probe. <i>Fuel</i> , 2016, 164, 94-98.	3.4	19
195	Soluble starch as in-situ template to synthesize ZSM-5 zeolite with intracrystal mesopores. <i>Materials Letters</i> , 2016, 164, 543-546.	1.3	15
196	One-Pot Synthesis of Silica Supported Au $\gamma$ -Ag Alloy Nanoparticles for Cyclohexane Oxidation. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 972-977.	0.4	2
197	Copolymer Assisted Self-Assembly of Nanoporous Mixed Oxides for Reactive Adsorption Desulfurization. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 931-937.	0.4	0
198	Desulfurization of Saudi Arabian crudes by oxidation $\gamma$ -extraction method. <i>Applied Petrochemical Research</i> , 2015, 5, 355-362.	1.3	14

#	ARTICLE	IF	CITATIONS
199	Vacuum ultraviolet photofragmentation of octadecane: photoionization mass spectrometric and theoretical investigation. <i>Applied Petrochemical Research</i> , 2015, 5, 305-311.	1.3	1
200	Preface to the special issue of the "2nd Saudi-Chinese Oil Refinery Forum (SCORF)" advances in multiple catalytic strategies for producing cleaner fuels and petrochemicals. <i>Applied Petrochemical Research</i> , 2015, 5, 245-246.	1.3	0
201	Insights into the H <sub>2</sub> /CH <sub>4</sub> Separation Through Two-Dimensional Graphene Channels: Influence of Edge Functionalization. <i>Nanoscale Research Letters</i> , 2015, 10, 492.	3.1	10
202	Hydro-liquefaction of woody biomass for bio-oil in supercritical solvent with [BMIM]Cl/NiCl <sub>2</sub> catalyst. <i>Applied Petrochemical Research</i> , 2015, 5, 363-369.	1.3	7
203	Hydro-liquefaction of sawdust and its three components in supercritical ethanol with [BMIM]Cl/NiCl <sub>2</sub> catalyst. <i>Chemical Engineering Journal</i> , 2015, 279, 921-928.	6.6	29
204	Surface chemistry and catalytic performance of chromia/alumina catalysts derived from different potassium impregnation sequences. <i>Applied Surface Science</i> , 2015, 351, 250-259.	3.1	22
205	The CO <sub>2</sub> Storage Capacity of the Intercalated Diaminoalkane Graphene Oxides: A Combination of Experimental and Simulation Studies. <i>Nanoscale Research Letters</i> , 2015, 10, 1026.	3.1	19
206	Highly Active Catalyst of Two-Dimensional CoS <sub>2</sub> /Graphene Nanocomposites for Hydrogen Evolution Reaction. <i>Nanoscale Research Letters</i> , 2015, 10, 488.	3.1	29
207	Superhigh-rate capacitive performance of heteroatoms-doped double shell hollow carbon spheres. <i>Carbon</i> , 2015, 86, 235-244.	5.4	68
208	NO oxidation by microporous zeolites: Isolating the impact of pore structure to predict NO conversion. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 573-583.	10.8	24
209	Hyper-Branched Cu@Cu <sub>2</sub> O Coaxial Nanowires Mesh Electrode for Ultra-Sensitive Glucose Detection.. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16802-16812.	4.0	99
210	A colorimetric approach for measuring mercuric ions with high selectivity using label-free gold nanoparticles and thiourea. <i>Analytical Methods</i> , 2015, 7, 6837-6841.	1.3	10
211	Epitaxial growth of hyperbranched Cu/Cu <sub>2</sub> O/CuO core-shell nanowire heterostructures for lithium-ion batteries. <i>Nano Research</i> , 2015, 8, 2763-2776.	5.8	68
212	Preparation and characterization of hierarchical USY by post-treatment. <i>Applied Petrochemical Research</i> , 2015, 5, 313-319.	1.3	4
213	Hierarchical SAPO-11 preparation in the presence of glucose. <i>Materials Letters</i> , 2015, 154, 116-119.	1.3	25
214	Effects of dissolution alkalinity and self-assembly on ZSM-5-based micro-/mesoporous composites: a study of the relationship between porosity, acidity, and catalytic performance. <i>CrystEngComm</i> , 2015, 17, 3820-3828.	1.3	25
215	A comparative study of different fluorine-containing compounds in the preparation of novel alumina binders with rich Brønsted acid sites. <i>Applied Petrochemical Research</i> , 2015, 5, 81-87.	1.3	4
216	Rapid functionalization of as-synthesized KIT-6 with nickel species occluded with template for adsorptive desulfurization. <i>Microporous and Mesoporous Materials</i> , 2015, 214, 54-63.	2.2	33

#	ARTICLE	IF	CITATIONS
217	Study on the Desulfurization of High-Sulfur Crude Oil by the Electrochemical Method. <i>Energy &amp; Fuels</i> , 2015, 29, 6928-6934.	2.5	3
218	Furfuralcohol Co-Polymerized Urea Formaldehyde Resin-derived N-Doped Microporous Carbon for CO <sub>2</sub> Capture. <i>Nanoscale Research Letters</i> , 2015, 10, 1041.	3.1	23
219	Synthesis of vanadium-based catalysts and their excellent catalytic behaviors on dehydrogenation of C <sub>4</sub> hydrocarbons. <i>Applied Petrochemical Research</i> , 2015, 5, 321-327.	1.3	7
220	Synthesis and catalytic properties of ZSM-5 zeolite with hierarchical pores prepared in the presence of n-hexyltrimethylammonium bromide. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18586-18597.	5.2	34
221	Synthesis of ZSM-5 zeolite from diatomite for fluid catalytic cracking (FCC) application. <i>Applied Petrochemical Research</i> , 2015, 5, 347-353.	1.3	14
222	A colorimetric assay for measuring iodide using Au@Ag core-shell nanoparticles coupled with Cu <sup>2+</sup> . <i>Analytica Chimica Acta</i> , 2015, 891, 269-276.	2.6	46
223	Preparation and hydrodesulfurization properties of cobalt-molybdenum-phosphorous catalysts for removal of dibenzothiophene. <i>Applied Petrochemical Research</i> , 2015, 5, 405-411.	1.3	8
224	Insight into high areal capacitances of low apparent surface area carbons derived from nitrogen-rich polymers. <i>Carbon</i> , 2015, 94, 560-567.	5.4	56
225	Detailed investigation of N-doped microporous carbons derived from urea furfural resin for CO <sub>2</sub> capture. <i>Journal of Porous Materials</i> , 2015, 22, 1663-1672.	1.3	15
226	A Simple, Rapid and Eco-Friendly Approach for the Analysis of Aromatic Amines in Environmental Water Using Single-Drop Microextraction-Gas Chromatography. <i>Journal of Chromatographic Science</i> , 2015, 53, 360-365.	0.7	4
227	Carbon dots functionalized by organosilane with double-sided anchoring for nanomolar Hg <sup>2+</sup> detection. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 28-34.	5.0	67
228	Combined modification of ultra-stable Y zeolites via citric acid and phosphoric acid. <i>Applied Petrochemical Research</i> , 2014, 4, 343-349.	1.3	10
229	Synthesis of meso-SAPO-11 and its enhancement of isomerization in fluid catalytic cracking process. <i>Applied Petrochemical Research</i> , 2014, 4, 389-394.	1.3	2
230	Preparation of hierarchical SAPO-11 molecular sieve and its application for n-dodecane isomerization. <i>Applied Petrochemical Research</i> , 2014, 4, 401-407.	1.3	9
231	Preface for the special issue of the 1st Saudi-Chinese Oil Refinery Forum (1st SCORF 2013). <i>Applied Petrochemical Research</i> , 2014, 4, 325-327.	1.3	0
232	Excellent Capacitive Performance of a Three-Dimensional Hierarchical Porous Graphene/Carbon Composite with a Superhigh Surface Area. <i>Chemistry - A European Journal</i> , 2014, 20, 13314-13320.	1.7	56
233	Tailoring acidity of HZSM-5 nanoparticles for methyl bromide dehydrobromination by Al and Mg incorporation. <i>Nanoscale Research Letters</i> , 2014, 9, 550.	3.1	18
234	Synthesis of hierarchical SAPO-11 for hydroisomerization reaction in refinery processes. <i>Applied Petrochemical Research</i> , 2014, 4, 351-358.	1.3	15

#	ARTICLE	IF	CITATIONS
235	The application of mesoporous alumina with rich Brønsted acidic sites in FCC catalysts. <i>Applied Petrochemical Research</i> , 2014, 4, 367-372.	1.3	10
236	Preparation and nitrogen-doping of three-dimensionally ordered macroporous TiO <sub>2</sub> with enhanced photocatalytic activity. <i>Ceramics International</i> , 2014, 40, 11213-11219.	2.3	26
237	Effect of isobutane adsorption on the electrical resistivity of activated carbon fiber cloth with select physical and chemical properties. <i>Carbon</i> , 2014, 76, 435-445.	5.4	25
238	Extremely enhanced CO <sub>2</sub> uptake by HKUST-1 metal-organic framework via a simple chemical treatment. <i>Microporous and Mesoporous Materials</i> , 2014, 183, 69-73.	2.2	122
239	Facial synthesis of N-doped microporous carbon derived from urea furfural resin with high CO <sub>2</sub> capture capacity. <i>Materials Letters</i> , 2014, 117, 273-275.	1.3	21
240	The enhanced adsorption of sulfur compounds onto mesoporous Ni-ALKIT-6 sorbent, equilibrium and kinetic analysis. <i>Journal of Hazardous Materials</i> , 2014, 270, 82-91.	6.5	29
241	Nitric oxide oxidation catalyzed by microporous activated carbon fiber cloth: An updated reaction mechanism. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 573-581.	10.8	44
242	Superior capacitive performance of active carbons derived from <i>Enteromorpha prolifera</i> . <i>Electrochimica Acta</i> , 2014, 133, 459-466.	2.6	162
243	Direct hydro-liquefaction of sawdust in petroleum ether and comprehensive bio-oil products analysis. <i>Bioresource Technology</i> , 2014, 155, 152-160.	4.8	19
244	Hierarchical branched Cu <sub>2</sub> O nanowires with enhanced photocatalytic activity and stability for H <sub>2</sub> production. <i>Nanoscale</i> , 2014, 6, 195-198.	2.8	61
245	Review on electrical discharge plasma technology for wastewater remediation. <i>Chemical Engineering Journal</i> , 2014, 236, 348-368.	6.6	752
246	Studies in the capacitance properties of diaminoalkane-intercalated graphene. <i>Electrochimica Acta</i> , 2014, 148, 220-227.	2.6	6
247	Direct Liquefaction of Sawdust in Supercritical Alcohol over Ionic Liquid Nickel Catalyst: Effect of Solvents. <i>Energy &amp; Fuels</i> , 2014, 28, 6928-6935.	2.5	22
248	La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-<math>\delta</math></sub> hollow fibre membrane performance improvement by coating of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.9</sub> Nb <sub>0.1</sub> O <sub>3-<math>\delta</math></sub> porous layer. <i>RSC Advances</i> , 2014, 4, 19999-20004.	1.7	20
249	A novel bottom-up solvothermal synthesis of carbon nanosheets. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2390.	5.2	38
250	Synthesis of corundum-type In <sub>2</sub> O <sub>3</sub> porous spheres and their photocatalytic properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5455-5461.	5.2	34
251	Enhanced desulfurization characteristics of Cu-KIT-6 for thiophene. <i>Microporous and Mesoporous Materials</i> , 2014, 199, 108-116.	2.2	41
252	A colorimetric agarose gel for formaldehyde measurement based on nanotechnology involving Tollens reaction. <i>Chemical Communications</i> , 2014, 50, 8121-8123.	2.2	65

#	ARTICLE	IF	CITATIONS
253	Ordered mesoporous carbon/Nafion as a versatile and selective solid-phase microextraction coating. <i>Journal of Chromatography A</i> , 2014, 1365, 29-34.	1.8	54
254	High hydrogen response of Pd/TiO <sub>2</sub> /SiO <sub>2</sub> /Si multilayers at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2014, 205, 255-260.	4.0	25
255	Preparation and Characterization of $\gamma$ -Al <sub>2</sub> O <sub>3</sub> with Rich Brønsted Acid Sites and Its Application in the Fluid Catalytic Cracking Process. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6226-6234.	1.5	72
256	An efficient modification of ultra-stable Y zeolites using citric acid and ammonium fluosilicate. <i>Applied Petrochemical Research</i> , 2014, 4, 373-378.	1.3	13
257	Soft-templating pathway to create nanostructured Mg-Al spinel as high-temperature absorbent for SO <sub>2</sub> . <i>Journal of Porous Materials</i> , 2014, 21, 947-956.	1.3	4
258	Au@Ag core/shell nanoparticles as colorimetric probes for cyanide sensing. <i>Nanoscale</i> , 2014, 6, 9939-9943.	2.8	83
259	On the origin of the high capacitance of carbon derived from seaweed with an apparently low surface area. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18998-19004.	5.2	65
260	Graphene oxide membranes with tunable permeability due to embedded carbon dots. <i>Chemical Communications</i> , 2014, 50, 13089-13092.	2.2	145
261	Prediction on miscibility of silicone and gasoline components by Monte Carlo simulation. <i>Journal of Molecular Modeling</i> , 2014, 20, 2244.	0.8	4
262	Oxygen-containing functional group-facilitated CO <sub>2</sub> capture by carbide-derived carbons. <i>Nanoscale Research Letters</i> , 2014, 9, 189.	3.1	72
263	Microwave-hydrothermal/solvothermal synthesis of kesterite, an emerging photovoltaic material. <i>Ceramics International</i> , 2014, 40, 1985-1992.	2.3	18
264	The fabrication of porous N-doped carbon from widely available urea formaldehyde resin for carbon dioxide adsorption. <i>Journal of Colloid and Interface Science</i> , 2014, 416, 124-132.	5.0	95
265	One-step synthesis of three-dimensionally ordered macro-mesoporous silica-alumina composites. <i>Materials Letters</i> , 2014, 121, 212-214.	1.3	4
266	Particle effect of SAPO-11 promoter on isomerization reaction in FCC units. <i>Microporous and Mesoporous Materials</i> , 2014, 194, 90-96.	2.2	24
267	Porous carbons prepared by direct carbonization of MOFs for supercapacitors. <i>Applied Surface Science</i> , 2014, 308, 306-310.	3.1	151
268	Orthogonal synthesis, structural characteristics, and enhanced visible-light photocatalysis of mesoporous Fe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> heterostructured microspheres. <i>Applied Surface Science</i> , 2014, 311, 314-323.	3.1	69
269	Catalytic Dehydrogenation of Propane to Propene: Catalyst Development, Mechanistic Aspects and Reactor Design. <i>Reviews in Advanced Sciences and Engineering</i> , 2014, 3, 180-195.	0.6	2
270	Perspective on FCC catalyst in China. <i>Applied Petrochemical Research</i> , 2013, 3, 63-70.	1.3	8



#	ARTICLE	IF	CITATIONS
271	SO <sub>2</sub> abatement over nanocrystalline MgAl <sub>2</sub> O <sub>4</sub> spinel-supported catalysts. <i>Journal of Porous Materials</i> , 2013, 20, 571-577.	1.3	8
272	Self-Assembly of Helical Polyacetylene Nanostructures on Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16248-16255.	1.5	20
273	New morphological Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3</sub> ± hollow fibre membranes with high oxygen permeation fluxes. <i>Ceramics International</i> , 2013, 39, 431-437.	2.3	31
274	Enhanced visible-light activity of F-N co-doped TiO <sub>2</sub> nanocrystals via nonmetal impurity, Ti <sup>3+</sup> ions and oxygen vacancies. <i>Applied Surface Science</i> , 2013, 287, 135-142.	3.1	106
275	Evolution and impact of acidic oxygen functional groups on activated carbon fiber cloth during NO oxidation. <i>Carbon</i> , 2013, 54, 444-453.	5.4	50
276	One-step solvothermal synthesis of hierarchically porous nanostructured CdS/TiO <sub>2</sub> heterojunction with higher visible light photocatalytic activity. <i>Applied Surface Science</i> , 2013, 283, 402-410.	3.1	133
277	In situ synthesis of low silica X zeolite on ceramic honeycombs for adsorption of heavy metals. <i>Journal of Porous Materials</i> , 2013, 20, 1525-1529.	1.3	6
278	Multi-cationic layered double hydroxides: Calcined products as photocatalysts for decomposition of NO <sub>x</sub> . <i>Applied Clay Science</i> , 2013, 80-81, 390-397.	2.6	15
279	Copper@carbon coaxial nanowires synthesized by hydrothermal carbonization process from electroplating wastewater and their use as an enzyme-free glucose sensor. <i>Analyst</i> , The, 2013, 138, 559-568.	1.7	39
280	Self-assembly of double helical nanostructures inside carbon nanotubes. <i>Nanoscale</i> , 2013, 5, 4191.	2.8	40
281	In situ synthesis, characterization and catalytic activity of ZSM-5 zeolites on kaolin microspheres from amine-free system. <i>Journal of Porous Materials</i> , 2013, 20, 137-141.	1.3	11
282	Degradation of organic dye by pulsed discharge non-thermal plasma technology assisted with modified activated carbon fibers. <i>Chemical Engineering Journal</i> , 2013, 215-216, 969-978.	6.6	68
283	Highly hydrothermally stable Al-MCM-41 with accessible void defects. <i>Journal of Porous Materials</i> , 2013, 20, 309-317.	1.3	8
284	Synthesis of hierarchically ordered egg-tray-like macroporous TiO <sub>2</sub> –SiO <sub>2</sub> nanocomposites with ordered mesoporous walls. <i>Materials Letters</i> , 2013, 111, 173-176.	1.3	8
285	Hydrogen storage and release by bending carbon nanotubes. <i>Computational Materials Science</i> , 2013, 68, 121-126.	1.4	33
286	Low-temperature synthesis of alkalis doped TiO <sub>2</sub> photocatalysts and their photocatalytic performance for degradation of methyl orange. <i>Journal of Alloys and Compounds</i> , 2013, 580, 15-22.	2.8	67
287	Critical role of small micropores in high CO <sub>2</sub> uptake. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2523.	1.3	228
288	Facile preparation of Cu–Cu <sub>2</sub> O nanoporous nanoparticles as a potential catalyst for non-enzymatic glucose sensing. <i>RSC Advances</i> , 2013, 3, 2178.	1.7	40

#	ARTICLE	IF	CITATIONS
289	The preparation, load and photocatalytic performance of N-doped and CdS-coupled TiO <sub>2</sub> . RSC Advances, 2013, 3, 9483.	1.7	20
290	Microwave- and conventional-hydrothermal synthesis of CuS, SnS and ZnS: Optical properties. Ceramics International, 2013, 39, 4757-4763.	2.3	63
291	CO <sub>2</sub> adsorption on Santa Barbara Amorphous-15 (SBA-15) and amine-modified Santa Barbara Amorphous-15 (SBA-15) with and without controlled microporosity. Journal of Colloid and Interface Science, 2013, 390, 217-224.	5.0	74
292	Large-scale synthesis of Cu nanowires with gradient scales by using "hard" strategies and size effects on electrical properties. CrystEngComm, 2013, 15, 332-342.	1.3	8
293	Oriented ZnO nanorods grown on a porous polyaniline film as a novel coating for solid-phase microextraction. Journal of Chromatography A, 2013, 1319, 21-26.	1.8	52
294	Ethyl 4-anilino-2,6-bis(4-chlorophenyl)-1-phenyl-1,2,5,6-tetrahydropyridine-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o947-o948.	0.2	2
295	The Influence of Introduction of Polyethylene Glycol on Synthesis of Bimodal Mesoporous γ-Al <sub>2</sub> O <sub>3</sub> . Advanced Materials Research, 2013, 709, 89-92.	0.3	0
296	1,5-Bis(2-methoxybenzylidene)thiocarbonohydrazide methanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1147-o1147.	0.2	1
297	Superior CO <sub>2</sub> uptake of N-doped activated carbon through hydrogen-bonding interaction. Energy and Environmental Science, 2012, 5, 7323.	15.6	434
298	Efficient CO <sub>2</sub> capture on low-cost silica gel modified by polyethyleneimine. Journal of Natural Gas Chemistry, 2012, 21, 319-323.	1.8	40
299	High-rate capacitive performance of graphene aerogel with a superhigh C/O molar ratio. Journal of Materials Chemistry, 2012, 22, 23186.	6.7	145
300	A flexible chemical vapor deposition method to synthesize copper@carbon core-shell structured nanowires and the study of their structural electrical properties. New Journal of Chemistry, 2012, 36, 1161.	1.4	27
301	The investigation of a hydro-thermal method to fabricate Cu@C coaxial nanowires and their special electronic transport and heat conduction properties. New Journal of Chemistry, 2012, 36, 1255.	1.4	14
302	Optimizing Oxygen Transport Through La <sub>0.6</sub> Sr <sub>0.4</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3-δ</sub> Hollow Fiber by Microstructure Modification and Ag/Pt Catalyst Deposition. Energy & Fuels, 2012, 26, 4728-4734.	2.5	20
303	Influence of chemical functionalization on the CO <sub>2</sub> /N <sub>2</sub> separation performance of porous graphene membranes. Nanoscale, 2012, 4, 5477.	2.8	193
304	Low-temperature solvothermal synthesis of visible-light-responsive S-doped TiO <sub>2</sub> nanocrystal. Applied Surface Science, 2012, 258, 4016-4022.	3.1	81
305	Preparation and characterization of SnO <sub>2</sub> /ZnO/TiO <sub>2</sub> composite semiconductor with enhanced photocatalytic activity. Applied Surface Science, 2012, 258, 8704-8712.	3.1	201
306	Sustainable and hierarchical porous Enteromorpha prolifera based carbon for CO <sub>2</sub> capture. Journal of Hazardous Materials, 2012, 229-230, 183-191.	6.5	102

#	ARTICLE	IF	CITATIONS
307	Adsorption and Catalytic Activation of O <sub>2</sub> Molecule on the Surface of Au-Doped Graphene under an External Electric Field. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19918-19924.	1.5	99
308	Soft synthesis of single-crystal copper nanowires of various scales. <i>New Journal of Chemistry</i> , 2012, 36, 130-138.	1.4	42
309	Rapid and large-scale synthesis of Cu nanowires via a continuous flow solvothermal process and its application in dye-sensitized solar cells (DSSCs). <i>RSC Advances</i> , 2012, 2, 11544.	1.7	35
310	Comparative studies of three kinds of activated carbon reactivated by KOH. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012, 7, 598-603.	0.8	4
311	Synthesis of Al-MCM-41 and FCC diesel hydrorefining study. <i>Journal of Porous Materials</i> , 2012, 19, 473-479.	1.3	10
312	Preparation of Cu/ZrO <sub>2</sub> catalysts for methanol synthesis from CO <sub>2</sub> /H <sub>2</sub> . <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 47-52.	2.3	10
313	Facile route to prepare bimodal mesoporous γ-Al <sub>2</sub> O <sub>3</sub> as support for highly active CoMo-based hydrodesulfurization catalyst. <i>Applied Catalysis B: Environmental</i> , 2012, 121-122, 50-56.	10.8	68
314	A facile one step synthesis of alumina monolith with bimodal pore structure from emulsion template. <i>Materials Letters</i> , 2012, 68, 234-236.	1.3	9
315	Hierarchically ordered meso/macroporous γ-alumina for enhanced hydrodesulfurization performance. <i>Microporous and Mesoporous Materials</i> , 2012, 158, 1-6.	2.2	89
316	Zeolite Y synthesized with FCC spent catalyst fines: particle size effect on catalytic reactions. <i>Journal of Porous Materials</i> , 2012, 19, 133-139.	1.3	21
317	Amine-Modified SBA-15: Effect of Pore Structure on the Performance for CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 3220-3226.	1.8	240
318	Clover leaf-shaped Al <sub>2</sub> O <sub>3</sub> extrudate as a support for high-capacity and cost-effective CO <sub>2</sub> sorbent. <i>Journal of Hazardous Materials</i> , 2011, 192, 1505-1508.	6.5	21
319	Bimodal mesoporous γ-Al <sub>2</sub> O <sub>3</sub> : A promising support for CoMo-based catalyst in hydrodesulfurization of 4,6-DMDBT. <i>Materials Letters</i> , 2011, 65, 1765-1767.	1.3	22
320	Salt-assisted synthesis of tree-like oriented SnO <sub>2</sub> nanodendrite. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 227-230.	2.3	1
321	Effect of potassium carbonate on catalytic synthesis of calcium carbide at moderate temperature. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 372-375.	2.3	7
322	Transesterification of soybean oil to biodiesel over kalsilite catalyst. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 325-329.	2.3	5
323	Low-temperature Synthesis of Visible-Light Active Fluorine/Sulfur Co-doped Mesoporous TiO <sub>2</sub> Microspheres. <i>Chemistry - A European Journal</i> , 2011, 17, 1096-1100.	1.7	44
324	Amine-modified mesocellular silica foams for CO <sub>2</sub> capture. <i>Chemical Engineering Journal</i> , 2011, 168, 918-924.	6.6	170

#	ARTICLE	IF	CITATIONS
325	A simple hydrothermal route to bimodal mesoporous nanorod $\gamma$ -alumina with high thermal stability. International Journal of Materials Research, 2011, 102, 1473-1476.	0.1	1
326	A Generalized Approach to the Synthesis of Mesoporous Mixed Metal Oxides Using the Cation-Anion Double Hydrolysis Method. Science of Advanced Materials, 2011, 3, 994-1003.	0.1	7
327	Mechanism of forming an ink-bottle-like pore structure based on SBA-15 by a novel MOCVD technique. Science Bulletin, 2010, 55, 446-451.	1.7	1
328	Synthesis of high surface area $\gamma$ -Al <sub>2</sub> O <sub>3</sub> as an efficient catalyst support for dehydrogenation of n-dodecane. Journal of Porous Materials, 2010, 17, 85-90.	1.3	13
329	Kalsilite based heterogeneous catalyst for biodiesel production. Fuel, 2010, 89, 2163-2165.	3.4	32
330	Study on the photocatalysis of Fâ€‘S co-doped TiO <sub>2</sub> prepared using solvothermal method. Applied Catalysis B: Environmental, 2010, 96, 458-465.	10.8	108
331	Screening of optimum condition for combined modification of ultra-stable Y zeolites using multi-hydroxyl carboxylic acid and phosphate. Catalysis Today, 2010, 158, 198-204.	2.2	30
332	Study on molding semi-coke used for flue-gas desulphurization. Catalysis Today, 2010, 158, 235-240.	2.2	17
333	Surface catalysis gaseous nitriding of alloy cast iron at lower temperature. Catalysis Today, 2010, 158, 205-208.	2.2	5
334	Hydrogen adsorption on NiNaY composites at room and cryogenic temperatures. Catalysis Today, 2010, 158, 317-323.	2.2	2
335	Effect of Si/Al ratio of the starting NaY on hydro-upgrading catalyst performance. Catalysis Today, 2010, 158, 409-414.	2.2	10
336	Simultaneous removal of NO <sub>x</sub> and soot particulates over La <sub>0.7</sub> Ag <sub>0.3</sub> MnO <sub>3</sub> perovskite oxide catalysts. Catalysis Today, 2010, 158, 423-426.	2.2	56
337	Synthesis and hydrodesulfurization performance of hierarchical mesopores alumina. Catalysis Today, 2010, 158, 446-451.	2.2	31
338	Perspective on catalysis for sustainable energy and environmental technologies. Catalysis Today, 2010, 158, 197.	2.2	0
339	Structure and performance of Cu/ZrO <sub>2</sub> catalyst For the synthesis of methanol from CO <sub>2</sub> hydrogenation. Journal of Fuel Chemistry and Technology, 2010, 38, 462-467.	0.9	38
340	Preparation of highly visible-light active N-doped TiO <sub>2</sub> photocatalyst. Journal of Materials Chemistry, 2010, 20, 5301.	6.7	628
341	Sucrose-Template Synthesis of Mesoporous Alumina from Aqueous Systems. International Journal of Food Engineering, 2010, 6, .	0.7	0
342	Fabrication and Biosensing with CNT/Aligned Mesostructured Silica Coreâˆ’Shell Nanowires. ACS Applied Materials & Interfaces, 2010, 2, 2767-2772.	4.0	25

#	ARTICLE	IF	CITATIONS
343	Perspective on Sustainable Energy Technologies in Asia and Pacific States. <i>Energy &amp; Fuels</i> , 2010, 24, 3713-3714.	2.5	2
344	Preparation of Ultrafine Y Zeolite from Spent Fluid Catalytic Cracking Catalyst Powders. <i>Chinese Journal of Catalysis</i> , 2010, 31, 833-838.	6.9	3
345	SYNTHESIS OF NANOCRYSTALLINE MGAL <sub>2</sub> O <sub>4</sub> SPINEL BY USING ETHYLENE DIAMINE AS PRECIPITATION AGENT. <i>Chemical Engineering Communications</i> , 2009, 196, 1417-1424.	1.5	17
346	A highly stable catalyst in methane reforming with carbon dioxide. <i>Scripta Materialia</i> , 2009, 61, 173-176.	2.6	27
347	Natural gas storage on activated carbon modified by metal oxides. <i>Journal of Porous Materials</i> , 2009, 16, 27-32.	1.3	11
348	Synthesis of ceria doped nanozirconia powder by a polymerized complex method. <i>Journal of Porous Materials</i> , 2009, 16, 497-505.	1.3	15
349	Effect of heating profile on desorption curve in temperature programmed desorption analysis: case study of acid sites distribution of SAPO-34. <i>Journal of Porous Materials</i> , 2009, 16, 599-603.	1.3	6
350	Fabrication of copper (I) nitride nanorods within SBA-15 by metal organic chemical vapor deposition. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 352-356.	0.9	13
351	CNTs/mesostructured silica core-shell nanowires via interfacial surfactant templating. <i>Science Bulletin</i> , 2009, 54, 516-520.	4.3	4
352	Preparation and application of mesoporous Fe/carbon composites as a drug carrier. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 678-684.	2.2	40
353	A reverse cation-anion double hydrolysis approach to the synthesis of mesoporous $\gamma$ -Al <sub>2</sub> O <sub>3</sub> with a bimodal pore size distribution. <i>Microporous and Mesoporous Materials</i> , 2009, 118, 288-295.	2.2	40
354	Optimizing the sol-gel parameters on the synthesis of mesostructure nanocrystalline $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . <i>Microporous and Mesoporous Materials</i> , 2009, 122, 72-78.	2.2	48
355	Adsorption characteristics of N-nitrosodimethylamine from aqueous solution on surface-modified activated carbons. <i>Journal of Hazardous Materials</i> , 2009, 168, 51-56.	6.5	32
356	Key parameters in hydrothermal synthesis and characterization of low silicon content SAPO-34 molecular sieve. <i>Microporous and Mesoporous Materials</i> , 2009, 126, 1-7.	2.2	63
357	Chromium oxide catalysts for CO <sub>x</sub> -free hydrogen generation via catalytic ammonia decomposition. <i>Journal of Molecular Catalysis A</i> , 2009, 304, 71-76.	4.8	34
358	Cation-anion double hydrolysis derived mesoporous $\gamma$ -Al <sub>2</sub> O <sub>3</sub> as an environmentally friendly and efficient aldol reaction catalyst. <i>Journal of Materials Chemistry</i> , 2009, 19, 1554.	6.7	55
359	Effect of process parameters on the synthesis of mesoporous nanocrystalline zirconia with triblock copolymer as template. <i>Journal of Porous Materials</i> , 2008, 15, 171-179.	1.3	29
360	Synthesis and characterization of MCM-41-type composite materials prepared from ZSM-5 zeolite. <i>Journal of Porous Materials</i> , 2008, 15, 205-211.	1.3	32

#	ARTICLE	IF	CITATIONS
361	Solid-state synthesis and characterisation of mesoporous zirconia with lamellar and wormhole-like mesostructures. <i>Journal of Porous Materials</i> , 2008, 15, 237-244.	1.3	2
362	Advances in porous materials for petrochemical processing: Chinese perspectives. <i>Journal of Porous Materials</i> , 2008, 15, 115-117.	1.3	1
363	Enhanced electrochemical properties of polyaniline-coated multiwall carbon nanotubes. <i>Journal of Porous Materials</i> , 2008, 15, 647-651.	1.3	7
364	Fabrication and Size-Selective Bioseparation of Magnetic Silica Nanospheres with Highly Ordered Periodic Mesostructure. <i>Advanced Functional Materials</i> , 2008, 18, 3203-3212.	7.8	179
365	Hydrophobic Functional Group Initiated Helical Mesostructured Silica for Controlled Drug Release. <i>Advanced Functional Materials</i> , 2008, 18, 3834-3842.	7.8	85
366	Adsorption of bulky molecules of nonylphenol ethoxylate on ordered mesoporous carbons. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 558-565.	5.0	29
367	CO <sub>2</sub> reforming of CH <sub>4</sub> over nanocrystalline zirconia-supported nickel catalysts. <i>Applied Catalysis B: Environmental</i> , 2008, 77, 346-354.	10.8	212
368	Catalytic decomposition of ammonia over fly ash supported Ru catalysts. <i>Fuel Processing Technology</i> , 2008, 89, 1106-1112.	3.7	27
369	Synthesis and characterization of chromium oxide nanocrystals via solid thermal decomposition at low temperature. <i>Microporous and Mesoporous Materials</i> , 2008, 112, 621-626.	2.2	30
370	Synthesis and characterization of M <sub>2</sub> ZSM-5 composites prepared from ZSM-5 zeolite. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008, 3, 275-283.	0.8	10
371	The modification of activated carbons and the pore structure effect on enrichment of coal-bed methane. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008, 3, 284-291.	0.8	22
372	Effects of CO <sub>2</sub> content on the activity and stability of nickel catalyst supported on mesoporous nanocrystalline zirconia. <i>Journal of Natural Gas Chemistry</i> , 2008, 17, 278-282.	1.8	24
373	Morphological control in synthesis of cobalt basic carbonate nanorods assembly. <i>Materials Letters</i> , 2008, 62, 1396-1399.	1.3	15
374	Formation of an ink-bottle-like pore structure in SBA-15 by MOCVD. <i>Chemical Communications</i> , 2008, , 5131.	2.2	13
375	Cation-anion double hydrolysis derived mesoporous γ-Al <sub>2</sub> O <sub>3</sub> as an environmentally friendly and efficient aldol reaction catalyst. <i>Journal of Materials Chemistry</i> , 2008, 18, 74-76.	6.7	26
376	Effects of K <sub>2</sub> O Promoter on the Activity and Stability of Nickel Catalysts Supported on Mesoporous Nanocrystalline Zirconia in CH <sub>4</sub> Reforming with CO <sub>2</sub> . <i>Energy &amp; Fuels</i> , 2008, 22, 2195-2202.	2.5	56
377	Pilot Preparation of Activated Carbon for Natural Gas Storage. <i>Energy &amp; Fuels</i> , 2008, 22, 3420-3423.	2.5	23
378	Fabrication of a magnetic helical mesostructured silica rod. <i>Nanotechnology</i> , 2008, 19, 435608.	1.3	21

#	ARTICLE	IF	CITATIONS
379	Catalytic Ammonia Decomposition over Industrial-Waste-Supported Ru Catalysts. <i>Environmental Science &amp; Technology</i> , 2007, 41, 3758-3762.	4.6	58
380	Fabrication of Copper Nanowire Encapsulated in the Pore Channels of SBA-15 by Metal Organic Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12536-12541.	1.5	42
381	Self-Assembly of Clewlike ZnO Superstructures in the Presence of Copolymer. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9729-9733.	1.5	56
382	Copolymer-Controlled Homogeneous Precipitation for the Synthesis of Porous Microfibers of Alumina. <i>Langmuir</i> , 2007, 23, 4599-4605.	1.6	66
383	CO <sub>2</sub> ~CH <sub>4</sub> Reforming over Nickel Catalysts Supported on Mesoporous Nanocrystalline Zirconia with High Surface Area. <i>Energy &amp; Fuels</i> , 2007, 21, 581-589.	2.5	58
384	Catalytic ammonia decomposition over CMK-3 supported Ru catalysts: Effects of surface treatments of supports. <i>Carbon</i> , 2007, 45, 11-20.	5.4	66
385	Catalytic ammonia decomposition over Ru/carbon catalysts: The importance of the structure of carbon support. <i>Applied Catalysis A: General</i> , 2007, 320, 166-172.	2.2	182
386	Aqueous dye adsorption on ordered mesoporous carbons. <i>Journal of Colloid and Interface Science</i> , 2007, 310, 83-89.	5.0	154
387	Mesoporous nanocrystalline zirconia powders: A promising support for nickel catalyst in CH <sub>4</sub> reforming with CO <sub>2</sub> . <i>Materials Letters</i> , 2007, 61, 2628-2631.	1.3	46
388	Evaporation-controlled nanocasting approach to a precision replication at nanometer scale. <i>Materials Letters</i> , 2007, 61, 4231-4234.	1.3	2
389	Synthesis of polyaniline-coated ordered mesoporous carbon and its enhanced electrochemical properties. <i>Materials Letters</i> , 2007, 61, 4627-4630.	1.3	26
390	Synthesis of pure tetragonal zirconium oxide with high surface area. <i>Journal of Materials Science</i> , 2007, 42, 1228-1237.	1.7	31
391	Synthesis of mesoporous nanocrystalline zirconia with tetragonal crystallite phase by using ethylene diamine as precipitation agent. <i>Journal of Materials Science</i> , 2007, 42, 7086-7092.	1.7	24
392	Fabrication of Copper Nanowire Encapsulated in SBA-15 Nanocomposite by Metal Organic Chemical Vapor Deposition. , 2006, , .		0
393	Synthesis and Structure Characterization of Chromium Oxide Prepared by Solid Thermal Decomposition Reaction. <i>Journal of Physical Chemistry B</i> , 2006, 110, 178-183.	1.2	92
394	Nanocrystalline Zirconia as Support for Nickel Catalyst in Methane Reforming with CO <sub>2</sub> . <i>Energy &amp; Fuels</i> , 2006, 20, 923-929.	2.5	44
395	Superior electric double layer capacitors using ordered mesoporous carbons. <i>Carbon</i> , 2006, 44, 216-224.	5.4	690
396	Synthesis of mesoporous alumina with highly thermal stability using glucose template in aqueous system. <i>Microporous and Mesoporous Materials</i> , 2006, 91, 293-295.	2.2	132

#	ARTICLE	IF	CITATIONS
397	Tetragonal nanocrystalline zirconia powder with high surface area and mesoporous structure. Powder Technology, 2006, 168, 59-63.	2.1	64
398	Synthesis and characterization of mesostructured tungsten nitride by using tungstic acid as the precursor. Journal of Porous Materials, 2006, 13, 173-180.	1.3	16
399	Synthesis of mesoporous alumina TUD-1 with high thermostability. Journal of Porous Materials, 2006, 13, 245-250.	1.3	25
400	A novel method to synthesize super-activated carbon for natural gas adsorptive storage. Journal of Porous Materials, 2006, 13, 399-405.	1.3	14
401	Synthesis and characterization of turbostratic carbons prepared by catalytic chemical vapour decomposition of acetylene. Applied Catalysis A: General, 2006, 309, 201-209.	2.2	14
402	Synthesis of novel ordered carbon nanorods and its application in electrochemical double layer capacitor. Science in China Series D: Earth Sciences, 2006, 49, 425-433.	0.9	3
403	Fabrication of copper nanorods by low-temperature metal organic chemical vapor deposition. Science Bulletin, 2006, 51, 2662-2668.	1.7	10
404	Syngas Production by Methane Reforming with Carbon Dioxide on Noble Metal Catalysts. Journal of Natural Gas Chemistry, 2006, 15, 327-334.	1.8	112
405	Investigation of N-(Hydroxyethyl)pyrrolidone Dehydration over REOx-doped Nano-ZrO2 Catalyst. Chinese Journal of Chemical Engineering, 2006, 14, 309-313.	1.7	0
406	Role of Nanosized Zirconia on the Properties of Cu/Ga2O3/ZrO2 Catalysts for Methanol Synthesis. Chinese Journal of Chemistry, 2006, 24, 172-176.	2.6	7
407	Review of Kelvin's Equation and Its Modification in Characterization of Mesoporous Materials. Chinese Journal of Chemical Physics, 2006, 19, 102-108.	0.6	18
408	Deactivation study of CoAPO-11 molecular sieve on skeletal isomerization of 1-hexene. Progress in Natural Science: Materials International, 2005, 15, 52-55.	1.8	2
409	Facile synthesis of thermally stable mesoporous crystalline alumina by using a novel cation-anion double hydrolysis method. Materials Letters, 2005, 59, 3128-3131.	1.3	54
410	Nanocrystalline zirconia as catalyst support in methanol synthesis. Applied Catalysis A: General, 2005, 279, 241-245.	2.2	122
411	Synthesis and electrochemical properties of mesoporous nickel oxide. Journal of Power Sources, 2004, 134, 324-330.	4.0	331
412	Synthesis and Stabilization of Nanocrystalline Zirconia with MSU Mesostructure. Journal of Physical Chemistry B, 2004, 108, 15523-15528.	1.2	31
413	Recent Advances in Catalysts for Methanol Synthesis via Hydrogenation of CO and CO2. Industrial & Engineering Chemistry Research, 2003, 42, 6518-6530.	1.8	465
414	A novel method to prepare mesoporous nano-zirconia. Studies in Surface Science and Catalysis, 2003, , 239-242.	1.5	2



#	ARTICLE	IF	CITATIONS
415	Synthesis and characterization of supersurface MCM-41 zeolite using additives. <i>Studies in Surface Science and Catalysis</i> , 2003, 146, 153-156.	1.5	0
416	Structure characterization of the Co and Ni catalysts for carbon dioxide reforming of methane. <i>Catalysis Today</i> , 2001, 68, 135-143.	2.2	14
417	In situ FT-IR study of CO and H <sub>2</sub> adsorption on a Pt/Al <sub>2</sub> O <sub>3</sub> catalyst. <i>Catalysis Today</i> , 2001, 68, 155-160.	2.2	48
418	Recent Advances in the Preparation and Utilization of Carbon Nanotubes for Hydrogen Storage. <i>Journal of Nanoscience and Nanotechnology</i> , 2001, 1, 7-29.	0.9	160
419	Promotion Effects of Nickel Catalysts of Dry Reforming with Methane. <i>Chinese Journal of Chemistry</i> , 2001, 19, 738-744.	2.6	10
420	Effect of the Addition of Antifoulant Agents on the Deactivation of NiMoP/Al <sub>2</sub> O <sub>3</sub> Catalysts for Hydrotreating of Residuum. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 3679-3687.	1.8	9
421	Mechanistic Study of Carbon Dioxide Reforming with Methane over Supported Nickel Catalysts. <i>Energy &amp; Fuels</i> , 1998, 12, 1114-1120.	2.5	26