

Rui Feng

List of Publications by Year in descending order

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34
papers

1,123
citations

430874

18
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient removal of organic pollutants by a Co/N/S-doped yolk-shell carbon catalyst via peroxymonosulfate activation. <i>Journal of Hazardous Materials</i> , 2022, 421, 126726.	12.4	48
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.	4.3	15
3	Enhanced catalytic reduction of p-nitrophenol and azo dyes on copper hexacyanoferrate nanospheres decorated copper foams. <i>Journal of Environmental Management</i> , 2022, 314, 115075.	7.8	9
4	Direct synthesis of HZSM-5 zeolites with enhanced catalytic performance in the methanol-to-propylene reaction. <i>Catalysis Today</i> , 2022, 405-406, 299-308.	4.4	4
5	Carbon coated CoO plates/3D nickel foam: An efficient and readily recyclable catalyst for peroxymonosulfate activation. <i>Separation and Purification Technology</i> , 2022, 297, 121400.	7.9	8
6	Enhanced adsorption of phenol from aqueous solution by carbonized trace ZIF-8-decorated activated carbon pellets. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 279-285.	3.5	4
7	A microstructured catalyst made of prussian blue analogues/copper foam for effective reduction of 4-nitrophenol. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 121, 197-204.	5.3	4
8	Enhanced adsorption and catalytic peroxymonosulfate activation by metal-free N-doped carbon hollow spheres for water depollution. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 184-192.	9.4	15
9	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.	3.7	8
10	In situ growth of ZIF-8 onto porous carbons as an efficient adsorbent for malachite green removal. <i>Journal of Porous Materials</i> , 2020, 27, 1109-1117.	2.6	13
11	Yolk-shell ZIFs@SiO ₂ and its derived carbon composite as robust catalyst for peroxymonosulfate activation. <i>Journal of Environmental Management</i> , 2020, 262, 110299.	7.8	29
12	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.	4.3	49
13	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.	4.3	9
14	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.	4.4	21
15	Hollow Cu-Co/N-doped carbon spheres derived from ZIFs as an efficient catalyst for peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2020, 397, 125533.	12.7	94
16	Synthesis of ZSM-5 Zeolite Using Coal Fly Ash as an Additive for the Methanol to Propylene (MTP) Reaction. <i>Catalysts</i> , 2019, 9, 788.	3.5	8
17	Synthesis of thiol-functionalized mesoporous silica nanoparticles for adsorption of Hg ²⁺ from aqueous solution. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 617-622.	2.4	19
18	Trace pyrolyzed ZIF-67 loaded activated carbon pellets for enhanced adsorption and catalytic degradation of Rhodamine B in water. <i>Chemical Engineering Journal</i> , 2019, 375, 122003.	12.7	83

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19	Enhanced adsorption of Rhodamine B by magnetic nitrogen-doped porous carbon prepared from bimetallic ZIFs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 575, 10-17.	4.7	45
20	Synthesis of silver decorated silica nanoparticles with rough surfaces as adsorbent and catalyst for methylene blue removal. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 754-763.	2.4	30
21	Cracking of n-heptane with activation of vanadium oxide based catalyst: effect of support and modification by K or P. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 126, 295-306.	1.7	2
22	Hierarchical ZSM-5 zeolite designed by combining desilication and dealumination with related study of n-heptane cracking performance. <i>Journal of Porous Materials</i> , 2018, 25, 1743-1756.	2.6	35
23	Surface dealumination of micro-sized ZSM-5 for improving propylene selectivity and catalyst lifetime in methanol to propylene (MTP) reaction. <i>Catalysis Communications</i> , 2018, 109, 1-5.	3.3	32
24	Direct carbonization of Zn/Co zeolitic imidazolate frameworks for efficient adsorption of Rhodamine B. <i>Chemical Engineering Journal</i> , 2018, 347, 640-647.	12.7	128
25	Effects of boron and fluorine modified γ -Al ₂ O ₃ with tailored surface acidity on catalytic ethanol dehydration to ethylene. <i>Journal of Porous Materials</i> , 2018, 25, 1105-1114.	2.6	10
26	Ultra-high adsorption capacity of MgO/SiO ₂ composites with rough surfaces for Congo red removal from water. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 111-117.	9.4	83
27	Investigation on and industrial application of degrading of methanol feed in methanol to propylene process. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 2102-2111.	3.5	8
28	In-situ fabrication of ZIF-8 decorated layered double oxides for adsorption and photocatalytic degradation of methylene blue. <i>Microporous and Mesoporous Materials</i> , 2018, 271, 68-72.	4.4	74
29	Two-stage glucose-assisted crystallization of ZSM-5 to improve methanol to propylene (MTP). <i>Microporous and Mesoporous Materials</i> , 2018, 270, 57-66.	4.4	37
30	High performance of H ₃ BO ₃ modified USY and equilibrium catalyst with tailored acid sites in catalytic cracking. <i>Microporous and Mesoporous Materials</i> , 2017, 243, 319-330.	4.4	27
31	A high surface area mesoporous γ -Al ₂ O ₃ with tailoring texture by glucose template for ethanol dehydration to ethylene. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 89-97.	4.4	34
32	In-situ growth of ZIF-8 on layered double hydroxide: Effect of Zn/Al molar ratios on their structural, morphological and adsorption properties. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 206-212.	9.4	63
33	Influences of Reaction Temperature and Carrier Gas Flow Rate on n-Heptane Cracking over ZSM-5 Catalyst Without and With Activation of V ₂ O ₅ /Al ₂ O ₃ . <i>Bulletin of the Korean Chemical Society</i> , 2017, 38, 1129-1133.	1.9	3
34	Preparation and Characterization of γ -Al ₂ O ₃ 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.	3.1	72