Min Liu

List of Publications by Year
in descending order

33	1,197	430874	414414
papers	citations	18 h-index	32 g-index

35	35	35	1242
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thin film composite membranes for postcombustion carbon capture: Polymers and beyond. Progress in Polymer Science, 2022, 126, 101504.	24.7	32
2	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation. Journal of the American Chemical Society, 2022, 144, 2208-2217.	13.7	103
3	Coke-resistant (PtÂ+ÂNi)/ZSM-5 catalyst for shape-selective alkylation of toluene with methanol to para-xylene. Chemical Engineering Science, 2022, 252, 117529.	3.8	14
4	Design of highly stable metal/ZSM-5 catalysts for the shape-selective alkylation of toluene with methanol to para-xylene. Inorganic Chemistry Frontiers, 2022, 9, 3348-3358.	6.0	9
5	Miktoarm Star Polymers: Synthesis and Applications. Chemistry of Materials, 2022, 34, 6188-6209.	6.7	19
6	Ultrapermeable Composite Membranes Enhanced Via Doping with Amorphous MOF Nanosheets. ACS Central Science, 2021, 7, 671-680.	11.3	27
7	High-Efficiency Conversion of Methanol to BTX Aromatics Over a Zn-Modified Nanosheet-HZSM-5 Zeolite. Industrial & Engineering Chemistry Research, 2021, 60, 1633-1641.	3.7	17
8	Effective removal of aqueous glyphosate using CuFe₂O₄@biochar derived from phragmites. Journal of Chemical Technology and Biotechnology, 2020, 95, 196-204.	3.2	33
9	Role of Recrystallization in Alkaline Treatment on the Catalytic Activity of 1â€Butene Epoxidation. ChemCatChem, 2020, 12, 6196-6204.	3.7	6
10	Physical Aging Investigations of a Spirobisindane-Locked Polymer of Intrinsic Microporosity. , 2020, 2, 993-998.		11
11	From UV to NIR: A Fullâ€Spectrum Metalâ€Free Photocatalyst for Efficient Polymer Synthesis in Aqueous Conditions. Angewandte Chemie - International Edition, 2020, 59, 21392-21396.	13.8	78
12	From UV to NIR: A Fullâ€Spectrum Metalâ€Free Photocatalyst for Efficient Polymer Synthesis in Aqueous Conditions. Angewandte Chemie, 2020, 132, 21576-21580.	2.0	10
13	High-throughput CO2 capture using PIM-1@MOF based thin film composite membranes. Chemical Engineering Journal, 2020, 396, 125328.	12.7	78
14	Postcombustion Carbon Capture Using Thin-Film Composite Membranes. Accounts of Chemical Research, 2019, 52, 1905-1914.	15.6	60
15	A Novel Ni/NiF₂â€AlF₃ Catalyst with Mildâ€Strength Lewis Acid Sites for Dehydrofluorination of 1, 1, 1, 2â€Tetrafluoroethane to Synthesize Trifluoroethylene. ChemistrySelect, 2019, 4, 4506-4511.	1.5	8
16	New insight into the alkylation-efficiency of methanol with toluene over ZSM-5: Microporous diffusibility significantly affects reacting-pathways. Microporous and Mesoporous Materials, 2019, 282, 252-259.	4.4	26
17	Investigation of the stability of submarine sensitive clay slopes underwave-induced pressure. Marine Georesources and Geotechnology, 2019, 37, 116-127.	2.1	7
18	Effect of calcination temperature and fluorination treatment on NiF2-AlF3 catalysts for dehydrofluorination of 1, 1, 1, 2-tetrafluoroethane to synthesize trifluoroethylene. Applied Catalysis A: General, 2019, 571, 150-157.	4.3	18

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19	Transalkylation Properties of Hierarchical MFI and MOR Zeolites: Direct Synthesis over Modulating the Zeolite Grow Kinetics with Controlled Morphology. Catalysis Letters, 2018, 148, 1396-1406.	2.6	9
20	Two-dimensional nanosheet-based gas separation membranes. Journal of Materials Chemistry A, 2018, 6, 23169-23196.	10.3	109
21	Ultrathin Metalâ€“Organic Framework Nanosheets as a Gutter Layer for Flexible Composite Gas Separation Membranes. ACS Nano, 2018, 12, 11591-11599.	14.6	118
22	Controlled RAFT polymerization facilitated by a nanostructured enzyme mimic. Polymer Chemistry, 2018, 9, 4448-4454.	3.9	20
23	Methanol Usage in Toluene Methylation over Pt Modified ZSM-5 Catalyst: Effects of Total Pressure and Carrier Gas. Industrial & Engineering Chemistry Research, 2017, 56, 4709-4717.	3.7	22
24	Removal of Glyphosate from Aqueous Solution Using Nanosized Copper Hydroxide Modified Resin: Equilibrium Isotherms and Kinetics. Journal of Chemical & Engineering Data, 2017, 62, 3585-3592.	1.9	37
25	Catalytic Properties of Hierarchical Mordenite Nanosheets Synthesized by Self-Assembly Between Subnanocrystals and Organic Templates. Catalysis Letters, 2016, 146, 249-254.	2.6	19
26	Composite HZSM-5 with Nanosheets for Higher Light Olefin Selectivity and Longer Lifetime in Catalytic Cracking Mixed Light Hydrocarbons. Chemistry Letters, 2015, 44, 1697-1699.	1.3	10
27	Catalytic dehydrofluorination of 1,1,1,2-tetrafluoroethane to synthesize trifluoroethylene over a modified NiO/Al₂O₃ catalyst. Catalysis Science and Technology, 2015, 5, 3103-3107.	4.1	34
28	Influence of Support Properties on the Activity of Basic Catalysts for Aldol Condensation of Formaldehyde and Methyl Acetate in a Continuous-Flow Reactor. Journal of Flow Chemistry, 2015, 5, 87-94.	1.9	7
29	Influence of Metallic Modification on Ethylbenzene Dealkylation over ZSMâ€5 Zeolites. Chinese Journal of Chemistry, 2015, 33, 247-252.	4.9	19
30	Seed-induced synthesis of hierarchical ZSM-5 nanosheets in the presence of hexadecyl trimethyl ammonium bromide. RSC Advances, 2015, 5, 9237-9240.	3.6	63
31	The deactivation mechanism of two typical shape-selective HZSM-5 catalysts for alkylation of toluene with methanol. Catalysis Science and Technology, 2014, 4, 2639.	4.1	47
32	Effect of Pt on stability of nano-scale ZSM-5 catalyst for toluene alkylation with methanol into p-xylene. Catalysis Today, 2011, 160, 179-183.	4.4	80
33	Effect of metal modification of HZSM-5 on catalyst stability in the shape-selective methylation of toluene. Catalysis Today, 2010, 156, 69-73.	4.4	46