Hailing Guo

List of Publications by Year
in descending order

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37 papers	2,141 citations	361413 20 h-index	345221 36 g-index
38 all docs	38 docs citations	38 times ranked	3043 citing authors

#	Article	IF	Citations
1	Preparation of HKUST-1/PEI mixed-matrix membranes: Adsorption-diffusion coupling control of small gas molecules. Journal of Membrane Science, 2022, 643, 120070.	8.2	23
2	The role of Nb2O5 in controlling metal-acid sites of CoMoS/Î³-Al2O3 catalyst for the enhanced hydrodeoxygenation of guaiacol into hydrocarbons. Journal of Catalysis, 2022, 407, 19-28.	6.2	15
3	Passivated Surface of High Aluminum Containing ZSM-5 by Silicalite-1: Synthesis and Application in Dehydration Reaction. ACS Sustainable Chemistry and Engineering, 2022, 10, 4839-4848.	6.7	8
4	Efficient hydrodesulfurization of dibenzothiophene over coreâ€“shell Ni/Al₂O₃@SOD and Mo/Al₂O₃ composite catalysts. Inorganic Chemistry Frontiers, 2022, 9, 3384-3391.	6.0	1
5	Transformation of Discrete Amorphous Aluminosilicate Nanoparticles into Nanosized Zeolites. Advanced Materials Interfaces, 2021, 8, 2000634.	3.7	6
6	Scalable crystalline porous membranes: current state and perspectives. Chemical Society Reviews, 2021, 50, 1913-1944.	38.1	47
7	Interfacial polymerization of MOF â€œmonomersâ€•to fabricate flexible and thin membranes for molecular separation with ultrafast water transport. Journal of Materials Chemistry A, 2021, 9, 17528-17537.	10.3	16
8	Boosting the Pseudocapacitive and High Massâ€Loaded Lithium/Sodium Storage through Bonding Polyoxometalate Nanoparticles on MXene Nanosheets. Advanced Functional Materials, 2021, 31, 2007636.	14.9	53
9	Design of an intercalated Nano-MoS2 hydrophobic catalyst with high rim sites to improve the hydrogenation selectivity in hydrodesulfurization reaction. Applied Catalysis B: Environmental, 2021, 286, 119907.	20.2	37
10	Effect of Sodium Concentration on the Synthesis of Faujasite by Two-step Synthesis Procedure. Chemical Research in Chinese Universities, 2021, 37, 1137.	2.6	1
11	Fabrication of a Hydrogenâ€Bonded Organic Framework Membrane through Solution Processing for Pressureâ€Regulated Gas Separation. Angewandte Chemie - International Edition, 2020, 59, 3840-3845.	13.8	109
12	Micelles of Mesoporous Silica with Inserted Iron Complexes as a Platform for Constructing Efficient Electrocatalysts for Oxygen Reduction. ACS Applied Materials & Interfaces, 2020, 12, 54720-54731.	8.0	17
13	Green synthesis of hierarchical carbon coupled with Fe3O4/Fe2C as an efficient catalyst for the oxygen reduction reaction. Materials Advances, 2020, 1, 2010-2018.	5.4	11
14	Transformation of hollow ZnFe-ZIF-8 nanocrystals into hollow ZnFeâ€“N/C electrocatalysts for the oxygen reduction reaction. New Journal of Chemistry, 2020, 44, 21183-21191.	2.8	4
15	Sandwich-type H2/CO2 membranes comprising of graphene oxide and sodalite crystals with adjustable morphology and size. Microporous and Mesoporous Materials, 2020, 300, 110120.	4.4	7
16	Crossâ€Linking between Sodalite Nanoparticles and Graphene Oxide in Composite Membranes to Trigger High Gas Permeance, Selectivity, and Stability in Hydrogen Separation. Angewandte Chemie - International Edition, 2020, 59, 6284-6288.	13.8	31
17	Intrinsic Defect-Rich Hierarchically Porous Carbon Architectures Enabling Enhanced Capture and Catalytic Conversion of Polysulfides. ACS Nano, 2020, 14, 6222-6231.	14.6	89
18	Atomically thin defect-rich Ni-Se-S hybrid nanosheets as hydrogen evolution reaction electrocatalysts. Nano Research, 2020, 13, 2056-2062.	10.4	39

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19	Crossâ€Linking between Sodalite Nanoparticles and Graphene Oxide in Composite Membranes to Trigger High Gas Permeance, Selectivity, and Stability in Hydrogen Separation. Angewandte Chemie, 2020, 132, 6343-6347.	2.0	3
20	Ni 1â€x Co x O y , Ni 1â€x Co x S y and Ni 1â€x Co x P y Catalysts Prepared from Ni 1â€x Co x â€ZIFâ€67â€‰for Hydrogen Production by Electrolysis in Alkaline Media. ChemCatChem, 2019, 11, 5131-5138.	3.7	8
21	Efficient dye nanofiltration of a graphene oxide membrane via combination with a covalent organic framework by hot pressing. Journal of Materials Chemistry A, 2019, 7, 24301-24310.	10.3	72
22	Green Hydrogen Separation from Nitrogen by Mixedâ€Matrix Membranes Consisting of Nanosized Sodalite Crystals. ChemSusChem, 2019, 12, 4529-4537.	6.8	23
23	Selective hydrogenation of alkenes using ZIF-67 shell membrane deposited on platinum/alumina core catalyst. Microporous and Mesoporous Materials, 2019, 276, 98-106.	4.4	5
24	In situ generation of intercalated membranes for efficient gas separation. Communications Chemistry, 2018, 1, .	4.5	20
25	The effect of Co and N of porous carbon-based materials fabricated via sacrificial templates MOFs on improving DA and UA electrochemical detection. Microporous and Mesoporous Materials, 2018, 263, 21-27.	4.4	34
26	Carbon-encapsulated nickel-cobalt alloys nanoparticles fabricated via new post-treatment strategy for hydrogen evolution in alkaline media. Applied Surface Science, 2018, 435, 237-246.	6.1	30
27	Sandwich membranes through a two-dimensional confinement strategy for gas separation. Materials Chemistry Frontiers, 2018, 2, 1911-1919.	5.9	12
28	Preparation of silicalite-1@Pt/alumina coreâ€“shell catalyst for shape-selective hydrogenation of xylene isomers. Catalysis Communications, 2015, 64, 110-113.	3.3	11
29	Highly sensitive H2O2 sensor based on Co3O4 hollow sphere prepared via a template-free method. Electrochimica Acta, 2015, 182, 613-620.	5.2	75
30	Fabrication of hierarchical architectures of Tb-MOF by a â€œgreen coordination modulation methodâ€• for the sensing of heavy metal ions. CrystEngComm, 2013, 15, 6702.	2.6	54
31	Combining Coordination Modulation with Acidâ€“Base Adjustment for the Control over Size of Metalâ€“Organic Frameworks. Chemistry of Materials, 2012, 24, 444-450.	6.7	223
32	Solvethermal synthesis of mono- and bi-metallic flower-like infinite coordination polymer and formation mechanism. Inorganic Chemistry Communication, 2012, 18, 21-24.	3.9	10
33	Coordination Modulation Induced Synthesis of Nanoscale Eu_{1â€x}Tb_xâ€Metalâ€Organic Frameworks for Luminescent Thin Films. Advanced Materials, 2010, 22, 4190-4192.	21.0	314
34	Hydrothermal synthesis and upconversion photoluminescence properties of lanthanide doped YF3 sub-microflowers. CrystEngComm, 2010, 12, 3537.	2.6	31
35	â€œTwin Copper Sourceâ€•Growth of Metalâ^'Organic Framework Membrane: Cu₃(BTC)₂ with High Permeability and Selectivity for Recycling H₂. Journal of the American Chemical Society, 2009, 131, 1646-1647.	13.7	561
36	Green hydrothermal synthesis of high-quality ZnS quantum dots with different patterning. , 2008, , .		0

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37	Hierarchical Growth of Large-Scale Ordered Zeolite Silicalite-1 Membranes with High Permeability and Selectivity for Recycling CO2. Angewandte Chemie - International Edition, 2006, 45, 7053-7056.	13.8	105