

Hailing Guo

List of Publications by Year in descending order

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papers

2,141
citations

361413

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345221

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times ranked

3043
citing authors

#	ARTICLE	IF	CITATIONS
1	â€œTwin Copper Sourceâ€ Growth of Metalâ”Organic Framework Membrane: Cu ₃ (BTC) ₂ with High Permeability and Selectivity for Recycling H ₂ . Journal of the American Chemical Society, 2009, 131, 1646-1647.	13.7	561
2	Coordination Modulation Induced Synthesis of Nanoscale Eu ³⁺ Tb ³⁺ Metalâ€Organic Frameworks for Luminescent Thin Films. Advanced Materials, 2010, 22, 4190-4192.	21.0	314
3	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
4	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
5	Hierarchical Growth of Large-Scale Ordered Zeolite Silicalite-1 Membranes with High Permeability and Selectivity for Recycling CO ₂ . Angewandte Chemie - International Edition, 2006, 45, 7053-7056.	13.8	105
6	Intrinsic Defect-Rich Hierarchically Porous Carbon Architectures Enabling Enhanced Capture and Catalytic Conversion of Polysulfides. ACS Nano, 2020, 14, 6222-6231.	14.6	89
7	Highly sensitive H ₂ O ₂ sensor based on Co ₃ O ₄ hollow sphere prepared via a template-free method. Electrochimica Acta, 2015, 182, 613-620.	5.2	75
8	Efficient dye nanofiltration of a graphene oxide membrane <i>via</i> combination with a covalent organic framework by hot pressing. Journal of Materials Chemistry A, 2019, 7, 24301-24310.	10.3	72
9	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
10	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
11	Scalable crystalline porous membranes: current state and perspectives. Chemical Society Reviews, 2021, 50, 1913-1944.	38.1	47
12	Atomically thin defect-rich Ni-Se-S hybrid nanosheets as hydrogen evolution reaction electrocatalysts. Nano Research, 2020, 13, 2056-2062.	10.4	39
13	Design of an intercalated Nano-MoS ₂ hydrophobic catalyst with high rim sites to improve the hydrogenation selectivity in hydrodesulfurization reaction. Applied Catalysis B: Environmental, 2021, 286, 119907.	20.2	37
14	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
15	Hydrothermal synthesis and upconversion photoluminescence properties of lanthanide doped YF ₃ sub-microflowers. CrystEngComm, 2010, 12, 3537.	2.6	31
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	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
18	Green Hydrogen Separation from Nitrogen by Mixedâ€Matrix Membranes Consisting of Nanosized Sodalite Crystals. ChemSusChem, 2019, 12, 4529-4537.	6.8	23

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19	Preparation of HKUST-1/PEI mixed-matrix membranes: Adsorption-diffusion coupling control of small gas molecules. <i>Journal of Membrane Science</i> , 2022, 643, 120070.	8.2	23
20	In situ generation of intercalated membranes for efficient gas separation. <i>Communications Chemistry</i> , 2018, 1, .	4.5	20
21	Micelles of Mesoporous Silica with Inserted Iron Complexes as a Platform for Constructing Efficient Electrocatalysts for Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54720-54731.	8.0	17
22	Interfacial polymerization of MOF monomers to fabricate flexible and thin membranes for molecular separation with ultrafast water transport. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17528-17537.	10.3	16
23	The role of Nb ₂ O ₅ in controlling metal-acid sites of CoMoS ₂ /Al ₂ O ₃ catalyst for the enhanced hydrodeoxygenation of guaiacol into hydrocarbons. <i>Journal of Catalysis</i> , 2022, 407, 19-28.	6.2	15
24	Sandwich membranes through a two-dimensional confinement strategy for gas separation. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1911-1919.	5.9	12
25	Preparation of silicalite-1@Pt/alumina core-shell catalyst for shape-selective hydrogenation of xylene isomers. <i>Catalysis Communications</i> , 2015, 64, 110-113.	3.3	11
26	Green synthesis of hierarchical carbon coupled with Fe ₃ O ₄ /Fe ₂ C as an efficient catalyst for the oxygen reduction reaction. <i>Materials Advances</i> , 2020, 1, 2010-2018.	5.4	11
27	Solvothermal synthesis of mono- and bi-metallic flower-like infinite coordination polymer and formation mechanism. <i>Inorganic Chemistry Communication</i> , 2012, 18, 21-24.	3.9	10
28	Ni _{1-x} Co _x O _y , Ni _{1-x} Co _x S _y and Ni _{1-x} Co _x P _y Catalysts Prepared from Ni _{1-x} Co _x ZIF-67 for Hydrogen Production by Electrolysis in Alkaline Media. <i>ChemCatChem</i> , 2019, 11, 5131-5138.	3.7	8
29	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.	6.7	8
30	Sandwich-type H ₂ /CO ₂ membranes comprising of graphene oxide and sodalite crystals with adjustable morphology and size. <i>Microporous and Mesoporous Materials</i> , 2020, 300, 110120.	4.4	7
31	Transformation of Discrete Amorphous Aluminosilicate Nanoparticles into Nanosized Zeolites. <i>Advanced Materials Interfaces</i> , 2021, 8, 2000634.	3.7	6
32	Selective hydrogenation of alkenes using ZIF-67 shell membrane deposited on platinum/alumina core catalyst. <i>Microporous and Mesoporous Materials</i> , 2019, 276, 98-106.	4.4	5
33	Transformation of hollow ZnFe-ZIF-8 nanocrystals into hollow ZnFe@N/C electrocatalysts for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2020, 44, 21183-21191.	2.8	4
34	Cross-linking between Sodalite Nanoparticles and Graphene Oxide in Composite Membranes to Trigger High Gas Permeance, Selectivity, and Stability in Hydrogen Separation. <i>Angewandte Chemie</i> , 2020, 132, 6343-6347.	2.0	3
35	Effect of Sodium Concentration on the Synthesis of Faujasite by Two-step Synthesis Procedure. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1137.	2.6	1
36	Efficient hydrodesulfurization of dibenzothiophene over core-shell Ni/Al ₂ O ₃ @SOD and Mo/Al ₂ O ₃ composite catalysts. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3384-3391.	6.0	1

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37	Green hydrothermal synthesis of high-quality ZnS quantum dots with different patterning. , 2008, , .		0