

Yunqi Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,710
citations

623188

14
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

3745
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Core-Shell ZIF-8@ZIF-67-Derived CoP Nanoparticle-Embedded N-Doped Carbon Nanotube Hollow Polyhedron for Efficient Overall Water Splitting. <i>Journal of the American Chemical Society</i> , 2018, 140, 2610-2618. | 6.6 | 1,556 |
| 2 | Three-dimensional-networked Ni ₂ P/Ni ₃ S ₂ heteronanoflake arrays for highly enhanced electrochemical overall-water-splitting activity. <i>Nano Energy</i> , 2018, 51, 26-36. | 8.2 | 378 |
| 3 | Adsorption Site Selective Occupation Strategy within a Metal-Organic Framework for Highly Efficient Sieving Acetylene from Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4570-4574. | 7.2 | 117 |
| 4 | Tunable 3D hierarchical Ni ₃ S ₂ superstructures as efficient and stable bifunctional electrocatalysts for both H ₂ and O ₂ generation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4485-4493. | 5.2 | 88 |
| 5 | Fe-Doped Mn ₃ O ₄ Spinel Nanoparticles with Highly Exposed Fe _{oct} Sites for Efficient Selective Catalytic Reduction (SCR) of NO with Ammonia at Low Temperatures. <i>ACS Catalysis</i> , 2020, 10, 6803-6809. | 5.5 | 82 |
| 6 | Multiple modulations of pyrite nickel sulfides via metal heteroatom doping engineering for boosting alkaline and neutral hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25628-25640. | 5.2 | 69 |
| 7 | Defect engineering technique for the fabrication of LaCoO ₃ perovskite catalyst via urea treatment for total oxidation of propane. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 121005. | 10.8 | 63 |
| 8 | Neutral-pH overall water splitting catalyzed efficiently by a hollow and porous structured ternary nickel sulfoselenide electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16793-16802. | 5.2 | 60 |
| 9 | Study on the NO ₂ production pathways and the role of NO ₂ in fast selective catalytic reduction DeNO _x at low-temperature over MnO _x /TiO ₂ catalyst. <i>Chemical Engineering Journal</i> , 2020, 379, 122288. | 6.6 | 53 |
| 10 | Targeted bottom-up synthesis of 1T-phase MoS ₂ arrays with high electrocatalytic hydrogen evolution activity by simultaneous structure and morphology engineering. <i>Nano Research</i> , 2018, 11, 4368-4379. | 5.8 | 52 |
| 11 | Design of assembled composite of Mn ₃ O ₄ @Graphitic carbon porous nano-dandelions: A catalyst for Low-temperature selective catalytic reduction of NO _x with remarkable SO ₂ resistance. <i>Applied Catalysis B: Environmental</i> , 2020, 269, 118731. | 10.8 | 41 |
| 12 | Adsorption Site Selective Occupation Strategy within a Metal-Organic Framework for Highly Efficient Sieving Acetylene from Carbon Dioxide. <i>Angewandte Chemie</i> , 2021, 133, 4620-4624. | 1.6 | 33 |
| 13 | Reaction environment self-modification on low-coordination Ni ²⁺ octahedra atomic interface for superior electrocatalytic overall water splitting. <i>Nano Research</i> , 2020, 13, 3068-3074. | 5.8 | 27 |
| 14 | Assembly of sphere-structured MnO ₂ for total oxidation of propane: Structure-activity relationship and reaction mechanism determination. <i>Separation and Purification Technology</i> , 2022, 284, 120269. | 3.9 | 23 |
| 15 | Synthesis and characterization of emulsion-type curing agent of waterborne epoxy resin. <i>Journal of Applied Polymer Science</i> , 2013, 130, 2652-2659. | 1.3 | 16 |
| 16 | Experimental and density functional theory study of the synergistic effect between steam and SO ₂ on CO ₂ capture of calcium-based sorbents. <i>Fuel</i> , 2021, 295, 120634. | 3.4 | 14 |
| 17 | Density functional theory study of thiophene desulfurization and conversion of desulfurization products on the Ni(111) surface and Ni ₅₅ cluster: implication for the mechanism of reactive adsorption desulfurization over Ni/ZnO catalysts. <i>Catalysis Science and Technology</i> , 2021, 11, 1615-1625. | 2.1 | 12 |
| 18 | High-precision synthesis of $\hat{\pm}$ -MnO ₂ nanowires with controllable crystal facets for propane oxidation. <i>CrystEngComm</i> , 2021, 23, 7602-7614. | 1.3 | 12 |

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|----|--|-----|-----------|
| 19 | Product distribution and catalytic performance of nano-sized H-ZSM-5 zeolites in the methanol-to-aromatics (MTA) reaction. <i>Petroleum Science and Technology</i> , 2017, 35, 955-962. | 0.7 | 9 |
| 20 | Achieving ultra-dispersed 1T-Co-MoS ₂ @HMCS <i>via</i> space-confined engineering for highly efficient hydrogen evolution in the universal pH range. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2617-2627. | 3.0 | 5 |