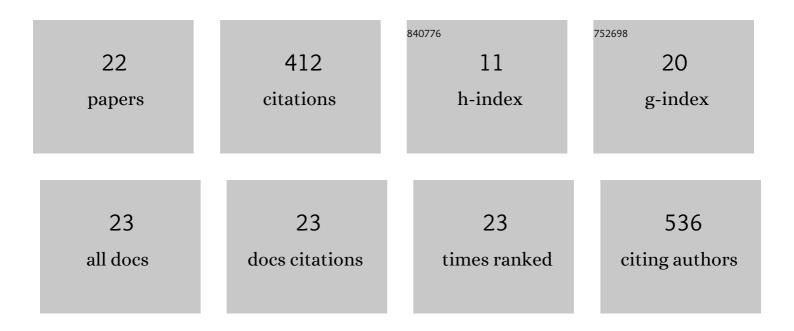
Aimin Wu

List of Publications by Year in descending order

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ΔΙΜΙΝΙ \λ/Π

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Inverse Capacity Growth and Pocket Effect in SnS ₂ Semifilled Carbon Nanotube Anode. ACS Nano, 2018, 12, 8037-8047. | 14.6 | 90 |
| 2 | Solubility and crystallographic facet tailoring of (GaN) _{1â^'x} (ZnO) _x pseudobinary solid-solution nanostructures as promising photocatalysts. Nanoscale, 2016, 8, 3694-3703. | 5.6 | 42 |
| 3 | Band-Gap Tunable 2D Hexagonal (GaN) _{1–<i>x</i>} (ZnO) _{<i>x</i>} Solid-Solution Nanosheets for Photocatalytic Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 8583-8591. | 8.0 | 40 |
| 4 | Band-gap tailoring and visible-light-driven photocatalytic performance of porous (GaN) _{1â^'x} (ZnO) _x solid solution. Dalton Transactions, 2017, 46, 2643-2652. | 3.3 | 32 |
| 5 | Composition and Band Gap Tailoring of Crystalline (GaN) _{1–<i>x</i>} (ZnO) _{<i>x</i>} Solid Solution Nanowires for Enhanced Photoelectrochemical Performance. Inorganic Chemistry, 2018, 57, 5240-5248. | 4.0 | 31 |
| 6 | SnS2 and SnS/SnS2 heterojunction nanosheets prepared by in-situ one-step sulfurization and visible light-assisted electrochemical water splitting properties. Journal of Alloys and Compounds, 2020, 834, 155174. | 5.5 | 23 |
| 7 | Three-Dimensional Carbon Nitride Nanowire Scaffold for Flexible Supercapacitors. Nanoscale Research Letters, 2019, 14, 98. | 5.7 | 22 |
| 8 | Dual-Constrained Sulfur in FeS ₂ @C Nanostructured Lithium-Sulfide Batteries. ACS Applied Energy Materials, 2020, 3, 10950-10960. | 5.1 | 21 |
| 9 | Composition Formulas of Inorganic Compounds in Terms of Cluster Plus Glue Atom Model. Inorganic Chemistry, 2018, 57, 710-717. | 4.0 | 19 |
| 10 | The capacitive loss of microwave energy in Ni@SiC@C core/bi-shell nanoparticles. Chemical Engineering Journal, 2022, 434, 134655. | 12.7 | 14 |
| 11 | Influence of boron contents on properties of AlMgB films prepared by RF magnetron sputtering. Rare Metals, 2012, 31, 164-167. | 7.1 | 11 |
| 12 | New two-step growth of microcrystalline silicon thin films without incubation layer. Journal of Crystal Growth, 2011, 322, 1-5. | 1.5 | 10 |
| 13 | Superior lithium-ion storage of V-doped MoO3 nanosheets via plasma evaporation. Electrochimica Acta, 2021, 394, 139121. | 5.2 | 9 |
| 14 | Suppress oxygen evolution of lithium-rich manganese-based cathode materials via an integrated strategy. Green Energy and Environment, 2024, 9, 138-151. | 8.7 | 8 |
| 15 | Fabrication and its characteristics of low-temperature polycrystalline silicon thin films. Science in China Series D: Earth Sciences, 2009, 52, 260-263. | 0.9 | 7 |
| 16 | Adsorption and diffusion of alkali metals (Li, Na, and K) on heteroatom-doped monolayer titanium disulfide. Dalton Transactions, 2021, 50, 7065-7077. | 3.3 | 7 |
| 17 | Solvothermal synthesis of 3D hierarchical Cu2FeSnS4 microspheres for photocatalytic degradation of organic pollutants. Environmental Research, 2022, 205, 112539. | 7.5 | 7 |
| 18 | Fabrication and its characteristics of hard coating Ti-Al-N system prepared by DC magnetron sputtering. Rare Metals, 2012, 31, 178-182. | 7.1 | 5 |

Аімін Wu

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Electrocatalytic oxygen reduction reaction activity of KOH etched carbon films as metal-free cathodic catalysts for fuel cells. RSC Advances, 2019, 9, 2803-2811. | 3.6 | 5 |
| 20 | Influence of surfactant-assisted synthesis and different operational parameters on photocatalytic performance of Cu2FeSnS4 particles. Surfaces and Interfaces, 2021, 24, 101134. | 3.0 | 5 |
| 21 | Synthesis and characterization of amorphous Al–Mg–B prepared by various deposition temperatures. Rare Metals, 2013, 32, 159-164. | 7.1 | 3 |
| 22 | Study on AlxNiyAlloys as Diffusion Barriers in Flexible Thin Film Solar Cells. Plasma Science and Technology, 2011, 13, 600-603. | 1.5 | 0 |