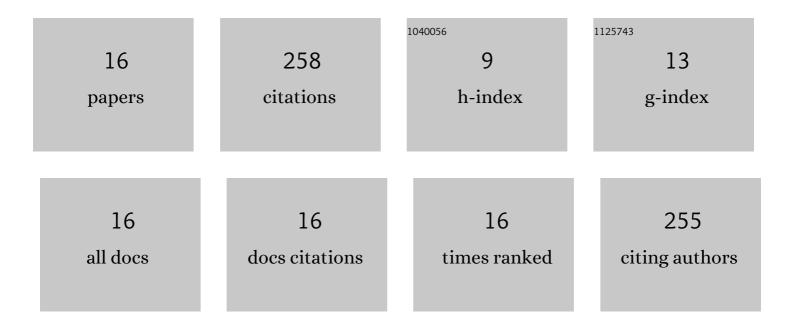
Heng Zhang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A chainmail effect of ultrathin N-doped carbon shell on Ni2P nanorod arrays for efficient hydrogen evolution reaction catalysis. Journal of Colloid and Interface Science, 2022, 607, 281-289. | 9.4 | 37 |
| 2 | Two Co(<scp>ii</scp>)/Ni(<scp>ii</scp>) complexes based on nitrogenous heterocyclic ligands as high-performance electrocatalysts for the hydrogen evolution reaction. Dalton Transactions, 2022, 51, 3970-3976. | 3.3 | 30 |
| 3 | Thickness-Dependent Polar Domain Evolution in Strained, Ultrathin PbTiO ₃ Films. ACS Applied Materials & Interfaces, 2022, 14, 9724-9733. | 8.0 | 4 |
| 4 | MOFâ€Ðerived Zincâ€Ðoped Ruthenium Oxide Hollow Nanorods as Highly Active and Stable Electrocatalysts for Oxygen Evolution in Acidic Media. ChemNanoMat, 2021, 7, 117-121. | 2.8 | 18 |
| 5 | Influences of sintering temperature on the electrical conductivity of GDC-50vol%MgO composite ceramics: the role of the GDC/MgO heterogeneous interface. Ionics, 2021, 27, 269-277. | 2.4 | 0 |
| 6 | Interfacial FeOOH/CoO nanowires array improves electrocatalytic water splitting. Journal of Solid State Chemistry, 2021, 298, 122156. | 2.9 | 11 |
| 7 | Atomic mapping of periodic dipole waves in ferroelectric oxide. Science Advances, 2021, 7, . | 10.3 | 27 |
| 8 | Microstructure and electrical conductivity of Ce0.9Gd0.1O1.95-MgO composite electrolyte. Ionics, 2020, 26, 2413-2419. | 2.4 | 0 |
| 9 | Recent Advances in Metalâ€Organic Frameworks and Their Derived Materials for Electrocatalytic Water Splitting. ChemElectroChem, 2020, 7, 1805-1824. | 3.4 | 47 |
| 10 | Multi-functional lanthanide-CPs based on tricarboxylphenyl terpyridyl ligand as ratiometric luminescent thermometer and highly sensitive ion sensor with turn on/off effect. Dalton Transactions, 2020, 49, 4741-4750. | 3.3 | 45 |
| 11 | Determination of polar C-plane and nonpolar A-plane AlN/GaN heterojunction band offsets by X-ray photoelectron spectroscopy. Physica Status Solidi (B): Basic Research, 2014, 251, 788-791. | 1.5 | 15 |
| 12 | Anisotropic scattering effect of the inclined misfit dislocation on the two-dimensional electron gas in Al(In)GaN/GaN heterostructures. Journal of Applied Physics, 2014, 115, . | 2.5 | 0 |
| 13 | Significant quality improvement of GaN on Si(111) upon formation of an AlN defective layer. CrystEngComm, 2014, 16, 7525. | 2.6 | 12 |
| 14 | Scattering due to Schottky barrier height spatial fluctuation on two dimensional electron gas in AlGaN/GaN high electron mobility transistors. Applied Physics Letters, 2013, 103, . | 3.3 | 4 |
| 15 | Scattering due to large cluster embedded in quantum wells. Applied Physics Letters, 2013, 102, . | 3.3 | 4 |
| 16 | Calculation of discrepancies in measured valence band offsets of heterojunctions with different crystal polarities. Journal of Applied Physics, 2012, 112, 113712. | 2.5 | 4 |