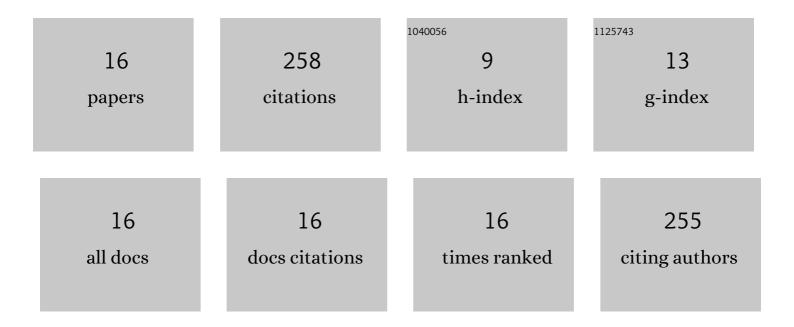
Heng Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3744461/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Recent Advances in Metalâ€Organic Frameworks and Their Derived Materials for Electrocatalytic Water Splitting. ChemElectroChem, 2020, 7, 1805-1824.	3.4	47
2	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
3	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
4	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
5	Atomic mapping of periodic dipole waves in ferroelectric oxide. Science Advances, 2021, 7, .	10.3	27
6	MOFâ€Derived Zincâ€Doped Ruthenium Oxide Hollow Nanorods as Highly Active and Stable Electrocatalysts for Oxygen Evolution in Acidic Media. ChemNanoMat, 2021, 7, 117-121.	2.8	18
7	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
8	Significant quality improvement of GaN on Si(111) upon formation of an AlN defective layer. CrystEngComm, 2014, 16, 7525.	2.6	12
9	Interfacial FeOOH/CoO nanowires array improves electrocatalytic water splitting. Journal of Solid State Chemistry, 2021, 298, 122156.	2.9	11
10	Calculation of discrepancies in measured valence band offsets of heterojunctions with different crystal polarities. Journal of Applied Physics, 2012, 112, 113712.	2.5	4
11	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
12	Scattering due to large cluster embedded in quantum wells. Applied Physics Letters, 2013, 102, .	3.3	4
13	Thickness-Dependent Polar Domain Evolution in Strained, Ultrathin PbTiO ₃ Films. ACS Applied Materials & Interfaces, 2022, 14, 9724-9733.	8.0	4
14	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
15	Microstructure and electrical conductivity of Ce0.9Gd0.1O1.95-MgO composite electrolyte. Ionics, 2020, 26, 2413-2419.	2.4	0
16	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