

Hafiz Ghulam Abbas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3225723/publications.pdf>

Version: 2024-02-01

16
papers

510
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

933
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallization mechanism of liquid tellurium from classical molecular dynamics simulation. <i>Materials Chemistry and Physics</i> , 2020, 240, 122235.	4.0	6
2	Non-Janus WSSe/MoSSe Heterobilayer and Its Photocatalytic Band Offset. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3812-3819.	3.1	11
3	Se-Rich MoSe ₂ Nanosheets and Their Superior Electrocatalytic Performance for Hydrogen Evolution Reaction. <i>ACS Nano</i> , 2020, 14, 6295-6304.	14.6	125
4	Structural Transformation in Liquid Tellurium from Stillinger-Weber Potential. <i>Materials Proceedings</i> , 2020, 4, .	0.2	0
5	Two-dimensional MoS ₂ /Fe-phthalocyanine hybrid nanostructures as excellent electrocatalysts for hydrogen evolution and oxygen reduction reactions. <i>Nanoscale</i> , 2019, 11, 14266-14275.	5.6	32
6	Orientation-specific switching of inelastic electron tunneling in an oxygen-pyridine complex adsorbed onto an Ag(110) surface. <i>Journal of Chemical Physics</i> , 2019, 151, 114703.	3.0	0
7	Two dimensional MoS ₂ meets porphyrins via intercalation to enhance the electrocatalytic activity toward hydrogen evolution. <i>Nanoscale</i> , 2019, 11, 3780-3785.	5.6	21
8	Intercalated complexes of 1T-MoS ₂ nanosheets with alkylated phenylenediamines as excellent catalysts for electrochemical hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2334-2343.	10.3	41
9	Intercalation of cobaltocene into WS ₂ nanosheets for enhanced catalytic hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8101-8106.	10.3	26
10	Stable methylammonium-intercalated 1T-MoS ₂ for efficient electrocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5613-5617.	10.3	38
11	Two-dimensional GeAs with a visible range band gap. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9089-9098.	10.3	55
12	Development of a WS ₂ /MoTe ₂ heterostructure as a counter electrode for the improved performance in dye-sensitized solar cells. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3178-3183.	6.0	27
13	Inorganic molecule (O ₂ , NO) adsorption on nitrogen- and phosphorus-doped MoS ₂ monolayer using first principle calculations. <i>RSC Advances</i> , 2018, 8, 38656-38666.	3.6	21
14	Intercalation of aromatic amine for the 2H-1T phase transition of MoS ₂ by experiments and calculations. <i>Nanoscale</i> , 2018, 10, 11349-11356.	5.6	54
15	Role of nanosize icosahedral quasicrystal of Mg-Al and Mg-Ca alloys in avoiding crystallization of liquid Mg: Ab initio molecular dynamics study. <i>Journal of Non-Crystalline Solids</i> , 2018, 499, 173-182.	3.1	8
16	Nitrogen-rich 1T-MoS ₂ layered nanostructures using alkyl amines for high catalytic performance toward hydrogen evolution. <i>Nanoscale</i> , 2018, 10, 14726-14735.	5.6	39