

Huili Zhu

List of Publications by Year in descending order

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11
papers

222
citations

1478505

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1281871

11
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docs citations

11
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Threshold voltage modulation in monolayer MoS ₂ field-effect transistors via selective gallium ion beam irradiation. <i>Science China Materials</i> , 2022, 65, 741-747.	6.3	5
2	Interfacial properties of 2D WS ₂ on SiO ₂ substrate from X-ray photoelectron spectroscopy and first-principles calculations. <i>Frontiers of Physics</i> , 2022, 17, .	5.0	3
3	Determination of band alignments at 2D tungsten disulfide/high-k dielectric oxides interfaces by x-ray photoelectron spectroscopy. <i>Applied Surface Science</i> , 2020, 505, 144521.	6.1	8
4	Band alignment of 2D WS ₂ /HfO ₂ interfaces from x-ray photoelectron spectroscopy and first-principles calculations. <i>Applied Physics Letters</i> , 2018, 112, 171604.	3.3	14
5	Effect of external strain on the charge transfer: Adsorption of gas molecules on monolayer GaSe. <i>Materials Chemistry and Physics</i> , 2017, 198, 49-56.	4.0	15
6	Obtaining Scalable Fringe Precision in Self-Mixing Interference Using an Even-Power Fast Algorithm. <i>IEEE Photonics Journal</i> , 2017, 9, 1-11.	2.0	23
7	Doping behaviors of adatoms adsorbed on phosphorene. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 1156-1166.	1.5	18
8	Evolution of band structures in MoS ₂ -based homo- and heterobilayers. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 065304.	2.8	8
9	Novel Evolution Process of Zn-Induced Nanoclusters on Si(111)-(7 \times 7) Surface. <i>Nano-Micro Letters</i> , 2015, 7, 194-202.	27.0	2
10	Mechanism of charge transfer and its impacts on Fermi-level pinning for gas molecules adsorbed on monolayer WS ₂ . <i>Journal of Chemical Physics</i> , 2015, 142, 214704.	3.0	124
11	Metal-atom-induced charge redistributions and their effects on the electrical contacts to WS ₂ monolayers. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 1783-1791.	1.5	2