

Dechun Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

263
citations

1163117

8
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitaxial Growth of Main Group Monoelemental 2D Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2006997.	14.9	37
2	Phase Engineering of Epitaxial Stanene on a Surface Alloy. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 211-217.	4.6	6
3	Lateral epitaxial growth of two-dimensional heterostructure linked by gold adatoms. <i>Nano Research</i> , 2021, 14, 887-892.	10.4	3
4	Atomic mechanism of the phase transition in monolayer bismuthene on copper oxide. <i>Physical Review Materials</i> , 2021, 5, .	2.4	4
5	Experimental Realization and Phase Engineering of a Two-Dimensional SnSb Binary Honeycomb Lattice. <i>ACS Nano</i> , 2021, 15, 16335-16343.	14.6	5
6	Large-scale Synthesis of Strain-tunable Semiconducting Antimonene on Copper Oxide. <i>Advanced Materials</i> , 2020, 32, e1906873.	21.0	46
7	Epitaxial Growth of Flat, Metallic Monolayer Phosphorene on Metal Oxide. <i>ACS Nano</i> , 2020, 14, 2385-2394.	14.6	27
8	Epitaxial growth of single tellurium atomic wires on a Cu ₂ Sb surface alloy. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	10
9	Interfacial Effects on the Growth of Atomically Thin Film: Group VA Elements on Au(111). <i>Advanced Materials Interfaces</i> , 2019, 6, 1901050.	3.7	14
10	Imaging and Dynamics of Water Hexamer Confined in Nanopores. <i>ACS Nano</i> , 2019, 13, 10622-10630.	14.6	10
11	Modulating Epitaxial Atomic Structure of Antimonene through Interface Design. <i>Advanced Materials</i> , 2019, 31, e1902606.	21.0	84
12	Defect Generation and Surface Functionalization on Epitaxial Blue Phosphorene by C ₆₀ Adsorption. <i>Journal of Physical Chemistry C</i> , 2019, , .	3.1	13
13	Submolecular Imaging of Parallel Offset π - π Stacking in Nonplanar Phthalocyanine Bilayers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7178-7184.	3.1	4