

Hao Tian

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

667
citations

759055

12
h-index

1125617

13
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13
all docs

13
docs citations

13
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible light driven selective oxidation of amines to imines with BiOCl: Does oxygen vacancy concentration matter?. Applied Catalysis B: Environmental, 2018, 228, 87-96.	10.8	237
2	One-dimensional phosphorus chain and two-dimensional blue phosphorene grown on Au(111) by molecular-beam epitaxy. Physical Review Materials, 2017, 1, .	0.9	89
3	An essential descriptor for the oxygen evolution reaction on reducible metal oxide surfaces. Chemical Science, 2019, 10, 3340-3345.	3.7	63
4	Quantum Effects and Phase Tuning in Epitaxial Hexagonal and Monoclinic MoTe ₂ Monolayers. ACS Nano, 2017, 11, 3282-3288.	7.3	46
5	Controllable growth of novel BiPO ₄ dendrites by an innovative approach and high energy facets-dependent photocatalytic activity. CrystEngComm, 2014, 16, 8334-8339.	1.3	39
6	Two-Dimensional Metal-Phosphorus Network. Matter, 2020, 2, 111-118.	5.0	39
7	Unraveling the oxide layer on Mo ₂ C as the active center for hydrogen evolution reaction. Journal of Catalysis, 2020, 389, 461-467.	3.1	38
8	An Innovative Anion Regulation Strategy for Energy Bands of Semiconductors: A Case from Bi ₂ O ₃ to Bi ₂ O(OH)SO ₄ . Scientific Reports, 2015, 5, 7770.	1.6	36
9	Quantum Confined Tomonaga-Luttinger Liquid in Mo ₆ Se ₆ Nanowires Converted from an Epitaxial MoSe ₂ Monolayer. Nano Letters, 2020, 20, 2094-2099.	4.5	27
10	Hole doping in epitaxial MoSe ₂ monolayer by nitrogen plasma treatment. 2D Materials, 2018, 5, 041005.	2.0	16
11	A Shallow Acceptor of Phosphorous Doped in MoSe ₂ Monolayer. Advanced Electronic Materials, 2020, 6, 1900830.	2.6	16
12	Intrinsic Role of Excess Electrons in Surface Reactions on Rutile TiO ₂ (110): Using Water and Oxygen as Probes. Journal of Physical Chemistry C, 2018, 122, 8270-8276.	1.5	12
13	Single-layer Mo ₅ Te ₈ - A new polymorph of layered transition-metal chalcogenide. 2D Materials, 2021, 8, 015006.	2.0	9