

Yuxuan Chen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

587
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1027
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Interfacial Design for Efficient CsPb ₂ Br Perovskite Solar Cells with Improved Photostability. <i>Advanced Materials</i> , 2019, 31, e1901152.	21.0	328
2	Insights into the mechanism of the enhanced visible-light photocatalytic activity of black phosphorus/BiVO ₄ heterostructure: a first-principles study. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19167-19175.	10.3	86
3	The distinctive phase stability and defect physics in CsPb ₂ Br perovskite. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20201-20207.	10.3	64
4	Co ²⁺ Interlayer Engineering toward Efficient Green Quasi-Two-Dimensional Perovskite Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2020, 30, 1910167.	14.9	52
5	Mechanism of enhancing visible-light photocatalytic activity of BiVO ₄ via hybridization of graphene based on a first-principles study. <i>RSC Advances</i> , 2017, 7, 4395-4401.	3.6	26
6	Different structural evolutions of inorganic perovskite CsGe ₃ . <i>CrystEngComm</i> , 2021, 23, 4917-4922.	2.6	13
7	Unusual Mechanism Behind Enhanced Photocatalytic Activity and Surface Passivation of SiC(0001) via Forming Heterostructure with a MoS ₂ Monolayer. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1362-1368.	3.1	7
8	Cross-Linking and Charging Molecular Magneto-electronics. <i>Nano Letters</i> , 2021, 21, 4099-4105.	9.1	6
9	Unexpected bowing band evolution in an all-inorganic CsSn _{1-x} Pb _x Br ₃ perovskite. <i>RSC Advances</i> , 2020, 10, 26407-26413.	3.6	4
10	The joint effect of spin-orbit coupling and atomistic disorder on bandgap evolution in inorganic CsSn _{1-x} Pb _x I ₃ mixed perovskite. <i>Journal of Applied Physics</i> , 2022, 131, 055107.	2.5	1