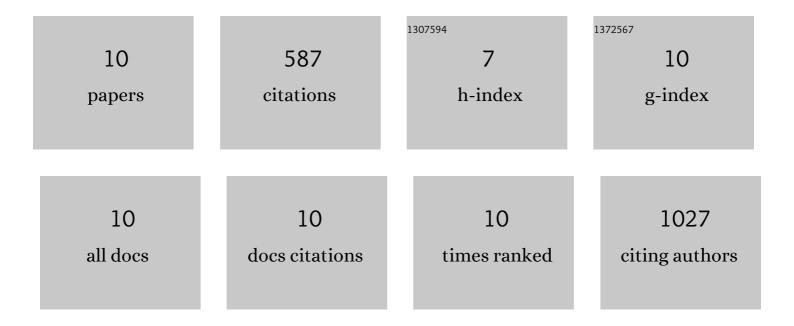
Yuxuan Chen

List of Publications by Year in descending order

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VUVUAN CHEN

#	Article	IF	CITATIONS
1	Dual Interfacial Design for Efficient CsPbI ₂ Br Perovskite Solar Cells with Improved Photostability. Advanced Materials, 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. Journal of Materials Chemistry A, 2018, 6, 19167-19175.	10.3	86
3	The distinctive phase stability and defect physics in CsPbI ₂ Br perovskite. Journal of Materials Chemistry A, 2019, 7, 20201-20207.	10.3	64
4	Coâ€Interlayer Engineering toward Efficient Green Quasiâ€Twoâ€Dimensional Perovskite Lightâ€Emitting Diodes. Advanced Functional Materials, 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. RSC Advances, 2017, 7, 4395-4401.	3.6	26
6	Different structural evolutions of inorganic perovskite CsGel ₃ . CrystEngComm, 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. Journal of Physical Chemistry C, 2020, 124, 1362-1368.	3.1	7
8	Cross-Linking and Charging Molecular Magnetoelectronics. Nano Letters, 2021, 21, 4099-4105.	9.1	6
9	Unexpected bowing band evolution in an all-inorganic CsSn _{1â^'x} Pb _x Br ₃ perovskite. RSC Advances, 2020, 10, 26407-26413.	3.6	4
10	The joint effect of spin–orbit coupling and atomistic disorder on bandgap evolution in inorganic CsSn1â^'xPbxI3 mixed perovskite. Journal of Applied Physics, 2022, 131, 055107.	2.5	1