Yingzhuo Lun

List of Publications by Year
in descending order

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12 papers	1,299 citations	1307594 7 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	2015 citing authors

#	Article	IF	Citations
1	Manipulation of current rectification in van der Waals ferroionic CuInP2S6. Nature Communications, 2022, 13, 574.	12.8	60
2	Asymmetric mechanical properties in ferroelectrics driven by flexo-deformation effect. Journal of the Mechanics and Physics of Solids, 2022, 164, 104891.	4.8	6
3	Visualization of Strain-Engineered Nanopattern in Center-Confined Mesoscopic WS₂ Monolayer Flakes. Journal of Physical Chemistry C, 2022, 126, 7184-7192.	3.1	3
4	Near-zero Poissonâ€™s ratio and suppressed mechanical anisotropy in strained black phosphorene/SnSe van der Waals heterostructure: a first-principles study. Applied Mathematics and Mechanics (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.6	1
5	Van der Waals direction transformation induced by shear strain in layered PdSe2. Extreme Mechanics Letters, 2021, 44, 101231.	4.1	7
6	Liquid medium annealing for fabricating durable perovskite solar cells with improved reproducibility. Science, 2021, 373, 561-567.	12.6	227
7	Size-dependent strain-engineered nanostructures in MoS₂monolayer investigated by atomic force microscopy. Nanotechnology, 2021, 32, 465703.	2.6	8
8	The Spacer Cations Interplay for Efficient and Stable Layered 2D Perovskite Solar Cells. Advanced Energy Materials, 2020, 10, 1901566.	19.5	89
9	Thicknessâ€Dependent Inâ€Plane Polarization and Structural Phase Transition in van der Waals Ferroelectric CuInP₂S₆. Small, 2020, 16, e1904529.	10.0	50
10	Atomically Asymmetric Inversion Scales up to Mesoscopic Single-Crystal Monolayer Flakes. ACS Nano, 2020, 14, 13834-13840.	14.6	11
11	Screening piezoelectricity in determination of flexoelectric coefficient at nanoscale. Mechanics of Materials, 2020, 150, 103591.	3.2	6
12	Cation and anion immobilization through chemical bonding enhancement with fluorides for stable halide perovskite solar cells. Nature Energy, 2019, 4, 408-415.	39.5	831