

Biao Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

862
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineering of organic–inorganic hybrid perovskites quantum wells. <i>Nature Chemistry</i> , 2019, 11, 1151-1157.	13.6	302
2	Two-dimensional halide perovskite lateral epitaxial heterostructures. <i>Nature</i> , 2020, 580, 614-620.	27.8	284
3	Layer-by-layer anionic diffusion in two-dimensional halide perovskite vertical heterostructures. <i>Nature Nanotechnology</i> , 2021, 16, 584-591.	31.5	88
4	Extrinsic and Dynamic Edge States of Two-Dimensional Lead Halide Perovskites. <i>ACS Nano</i> , 2019, 13, 1635-1644.	14.6	79
5	Pyroelectric nanoplates for reduction of CO ₂ to methanol driven by temperature-variation. <i>Nature Communications</i> , 2021, 12, 318.	12.8	51
6	Unravelling the room-temperature atomic structure and growth kinetics of lithium metal. <i>Nature Communications</i> , 2020, 11, 5367.	12.8	29
7	Microstructure of Lithium Dendrites Revealed by Room-Temperature Electron Microscopy. <i>Journal of the American Chemical Society</i> , 2022, 144, 4124-4132.	13.7	12
8	High-resolution transmission electron microscopy of beam-sensitive halide perovskites. <i>CheM</i> , 2022, 8, 327-339.	11.7	9
9	Structural Damage of Two-Dimensional Organic–Inorganic Halide Perovskites. <i>Inorganics</i> , 2020, 8, 13.	2.7	5