

Akriti

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

936
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

1565
citing authors

#	ARTICLE	IF	CITATIONS
1	Anion diffusion in two-dimensional halide perovskites. APL Materials, 2022, 10, .	5.1	7
2	Degradation and Self-Healing in Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 24073-24088.	8.0	20
3	Understanding phase transition dynamics paves the way to halide perovskites nanoelectronics. MRS Bulletin, 2021, 46, 317-318.	3.5	0
4	Layer-by-layer anionic diffusion in two-dimensional halide perovskite vertical heterostructures. Nature Nanotechnology, 2021, 16, 584-591.	31.5	88
5	<scp>Two-dimensional</scp> halide perovskite <scp>quantum-well</scp> emitters: A critical review. EcoMat, 2021, 3, e12104.	11.9	45
6	Thermoelectric Performance of Lead-Free Two-Dimensional Halide Perovskites Featuring Conjugated Ligands. Nano Letters, 2021, 21, 7839-7844.	9.1	28
7	Quantifying Anionic Diffusion in 2D Halide Perovskite Lateral Heterostructures. Advanced Materials, 2021, 33, .	21.0	31
8	Two-dimensional halide perovskite lateral epitaxial heterostructures. Nature, 2020, 580, 614-620.	27.8	284
9	Structural Tunability and Diversity of Two-Dimensional Lead Halide Benzenethiolate. Chemistry - A European Journal, 2020, 26, 6599-6607.	3.3	3
10	Extrinsic and Dynamic Edge States of Two-Dimensional Lead Halide Perovskites. ACS Nano, 2019, 13, 1635-1644.	14.6	79
11	A Leap towards High-Performance 2D Perovskite Photodetectors. Trends in Chemistry, 2019, 1, 365-367.	8.5	12
12	Two-dimensional halide perovskite nanomaterials and heterostructures. Chemical Society Reviews, 2018, 47, 6046-6072.	38.1	339
13	Understanding phase transition dynamics paves the way to halide perovskites nanoelectronics. MRS Bulletin, 0, , 1-2.	3.5	0