

Tomoya Nakamura

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

489
citations

1307594

7
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Sn(IV)-free tin perovskite films realized by in situ Sn(0) nanoparticle treatment of the precursor solution. <i>Nature Communications</i> , 2020, 11, 3008.	12.8	196
2	Optimized carrier extraction at interfaces for 23.6% efficient tin-lead perovskite solar cells. <i>Energy and Environmental Science</i> , 2022, 15, 2096-2107.	30.8	172
3	Materials Chemistry Approach for Efficient Lead-Free Tin Halide Perovskite Solar Cells. <i>ACS Applied Electronic Materials</i> , 2020, 2, 3794-3804.	4.3	36
4	Enhancing the Hot-Phonon Bottleneck Effect in a Metal Halide Perovskite by Terahertz Phonon Excitation. <i>Physical Review Letters</i> , 2021, 126, 077401.	7.8	34
5	Metal-free ferroelectric halide perovskite exhibits visible photoluminescence correlated with local ferroelectricity. <i>Science Advances</i> , 2022, 8, .	10.3	17
6	Anti-Stokes photoluminescence from CsPbBr_3 nanostructures embedded in a Cs_4 crystal. <i>Physical Review Materials</i> , 2022, 6, .	2.4	11
7	Ultrastrong coupling between THz phonons and photons caused by an enhanced vacuum electric field. <i>Physical Review Research</i> , 2021, 3, .	3.6	9
8	Multivariate Analysis of Mixed Ternary and Quaternary A-Site Organic Cations in Tin Iodide Perovskite Solar Cells. , 2022, 4, 1124-1131.		9
9	Operational stability, low light performance, and long-lived transients in mixed-halide perovskite solar cells with a monolayer-based hole extraction layer. <i>Solar Energy Materials and Solar Cells</i> , 2022, 245, 111885.	6.2	2