

Wiley A Dunlap-Shohl

List of Publications by Citations

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17
papers

741
citations

13
h-index

24
g-index

24
ext. papers

913
ext. citations

13.2
avg, IF

4.7
L-index

#	Paper	IF	Citations
17	Synthetic Approaches for Halide Perovskite Thin Films. <i>Chemical Reviews</i> , 2019 , 119, 3193-3295	68.1	293
16	Effects of Cd Diffusion and Doping in High-Performance Perovskite Solar Cells Using CdS as Electron Transport Layer. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 16437-16445	3.8	77
15	Room-temperature fabrication of a delafossite CuCrO ₂ hole transport layer for perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 469-477	13	73
14	Melt Processing of Hybrid Organic/Inorganic Lead Iodide Layered Perovskites. <i>Chemistry of Materials</i> , 2017 , 29, 6200-6204	9.6	40
13	Dual-source evaporation of silver bismuth iodide films for planar junction solar cells. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2095-2105	13	39
12	Tunable internal quantum well alignment in rationally designed oligomer-based perovskite films deposited by resonant infrared matrix-assisted pulsed laser evaporation. <i>Materials Horizons</i> , 2019 , 6, 1707-1716	14.4	34
11	MAPbI ₃ Solar Cells with Absorber Deposited by Resonant Infrared Matrix-Assisted Pulsed Laser Evaporation. <i>ACS Energy Letters</i> , 2018 , 3, 270-275	20.1	27
10	Phase-Pure Hybrid Layered Lead Iodide Perovskite Films Based on a Two-Step Melt-Processing Approach. <i>Chemistry of Materials</i> , 2019 , 31, 4267-4274	9.6	26
9	Interfacial Effects during Rapid Lamination within MAPbI ₃ Thin Films and Solar Cells. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5083-5093	6.1	25
8	Predicting the location of polar cusp in the Lyon-Fedder-Mobarry global magnetosphere simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6327-6337	2.6	24
7	Melting temperature suppression of layered hybrid lead halide perovskites organic ammonium cation branching. <i>Chemical Science</i> , 2019 , 10, 1168-1175	9.4	22
6	Forecasting the Decay of Hybrid Perovskite Performance Using Optical Transmittance or Reflected Dark-Field Imaging. <i>ACS Energy Letters</i> , 2020 , 5, 946-954	20.1	16
5	Deposition of Methylammonium Lead Triiodide by Resonant Infrared Matrix-Assisted Pulsed Laser Evaporation. <i>Journal of Electronic Materials</i> , 2018 , 47, 917-926	1.9	15
4	Mg Doped CuCrO as Efficient Hole Transport Layers for Organic and Perovskite Solar Cells. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
3	Photovoltaic Effect in Indium(I) Iodide Thin Films. <i>Chemistry of Materials</i> , 2018 , 30, 8226-8232	9.6	10
2	Water-Accelerated Photooxidation of CH ₃ NH ₃ PbI ₃ Perovskite.. <i>Journal of the American Chemical Society</i> , 2022 , 144, 5552-5561	16.4	4
1	Bifacial Perovskite Solar Cells via a Rapid Lamination Process. <i>ACS Applied Energy Materials</i> , 2020 , 3, 9493-9497	9.4	3

