

Isaac Zarazã°a Macã- as

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5135043/publications.pdf>

Version: 2024-02-01

11
papers

1,208
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

2086
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Ethanolamine ZnO Nanoparticle Passivation for Perovskite Interface Stability and Highly Efficient Solar Cells. <i>Nanomaterials</i> , 2022, 12, 823.	4.1	3
2	Suppressing the Formation of High <i>n</i> -Phase and 3D Perovskites in the Fabrication of Ruddlesden-Popper Perovskite Thin Films by Bulky Organic Cation Engineering. <i>Chemistry of Materials</i> , 2022, 34, 3076-3088.	6.7	13
3	Electrical properties and J-V modeling of perovskite (CH ₃ NH ₃ PbI ₃) solar cells after external thermal exposure. <i>Solar Energy</i> , 2021, 222, 95-102.	6.1	13
4	Increase the Quantum Dots Sensitized TiO ₂ Solar Cell Efficiency Adding n%Yb ³⁺ ~1%Er ³⁺ Doped NaYF ₄ : Submicrometer-Sized Rods. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 785-794.	2.5	6
5	Synthesis of Alloyed Cd _x Zn _{1-x} S Quantum Dots for Photovoltaic Applications. <i>IEEE Journal of Photovoltaics</i> , 2020, 10, 1319-1328.	2.5	6
6	Study of inverted planar CH ₃ NH ₃ PbI ₃ perovskite solar cells fabricated under environmental conditions. <i>Solar Energy</i> , 2019, 180, 594-600.	6.1	11
7	Operating Mechanisms of Mesoscopic Perovskite Solar Cells through Impedance Spectroscopy and <i>J-V</i> Modeling. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 6073-6079.	4.6	69
8	Surface Recombination and Collection Efficiency in Perovskite Solar Cells from Impedance Analysis. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 5105-5113.	4.6	346
9	Light-Induced Space-Charge Accumulation Zone as Photovoltaic Mechanism in Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 525-528.	4.6	243
10	Effect of Different Sensitization Technique on the Photoconversion Efficiency of CdS Quantum Dot and CdSe Quantum Rod Sensitized TiO ₂ Solar Cells. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13394-13403.	3.1	68
11	Capacitive Dark Currents, Hysteresis, and Electrode Polarization in Lead Halide Perovskite Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1645-1652.	4.6	430