

Masoud Dehghanipour

List of Publications by Year in descending order

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11
papers

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citations

1040056

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1372567

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11
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193
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved mixed-dimensional 3D/2D perovskite layer with formamidinium bromide salt for highly efficient and stable perovskite solar cells. <i>Chemical Engineering Journal</i> , 2022, 428, 131185.	12.7	63
2	Enhancement of the photovoltaic performance and the stability of perovskite solar cells via the modification of electron transport layers with reduced graphene oxide/polyaniline composite. <i>Solar Energy</i> , 2021, 213, 59-66.	6.1	60
3	Fabrication of stable and efficient 2D/3D perovskite solar cells through post-treatment with TBABF ₄ . <i>Journal of Materials Chemistry C</i> , 2021, 9, 957-966.	5.5	60
4	Improvement of the interfacial contact between zinc oxide and a mixed cation perovskite using carbon nanotubes for ambient-air-processed perovskite solar cells. <i>New Journal of Chemistry</i> , 2020, 44, 19802-19811.	2.8	43
5	High-performance perovskite solar cells using the graphene quantum dotâ€“modified SnO ₂ /ZnO photoelectrode. <i>Materials Today Energy</i> , 2021, 22, 100853.	4.7	37
6	Improvement of nonlinear optical properties of graphene oxide in mixed with Ag ₂ S@ZnS core-shells. <i>Optical Materials</i> , 2017, 66, 664-670.	3.6	25
7	Dependence of nonlinear optical properties of Ag ₂ S@ZnS core-shells on Zinc precursor and capping agent. <i>Optics and Laser Technology</i> , 2018, 100, 286-293.	4.6	24
8	PbS and PbS/CdS quantum dots: Synthesized by photochemical approach, structural, linear and nonlinear response properties, and optical limiting. <i>Journal of Materials Research</i> , 2020, 35, 401-409.	2.6	15
9	Modification of electron-transport layers with mixed RGO/C60 additive to boost the performance and stability of perovskite solar cells: A comparative study. <i>Optical Materials</i> , 2021, 119, 111313.	3.6	14
10	Wavelength-dependent nonlinear optical properties of 8-(4-methoxyphenyl)-6-oxo-3-p-tolyl-6H-pyrido[1,2-b][1,2,4]triazine-7,9-dicarbonitrile. <i>Canadian Journal of Physics</i> , 2018, 96, 1288-1294.	1.1	9
11	Toward desirable 2D/3D hybrid perovskite films for solar cell application with additive engineering approach. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , .	2.2	6