

Arash Nikniazi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

172
citations

1937685

4
h-index

1872680

6
g-index

12
all docs

12
docs citations

12
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic crystal based biosensors: Emerging inverse opals for biomarker detection. <i>Talanta</i> , 2021, 221, 121615.	5.5	73
2	Bulk luminescent solar concentrators based on organic-inorganic CH ₃ NH ₃ PbBr ₃ perovskite fluorophores. <i>Solar Energy Materials and Solar Cells</i> , 2019, 192, 44-51.	6.2	32
3	Effect of plasmonic coupling on photothermal behavior of random nanoparticles. <i>Optics Communications</i> , 2018, 420, 52-58.	2.1	17
4	Solar Cells - Silicon Wafer-Based Technologies. , 2011, , .		15
5	Solar Cells - Research and Application Perspectives. , 2013, , .		11
6	Optimization of Third Generation Nanostructured Silicon- Based Solar Cells. , 0, , .		7
7	Optimizing the concentration of colloidal suspensions in convective assembly of centimeter-sized uniform monolayer colloidal crystals. <i>Applied Surface Science</i> , 2018, 434, 898-904.	6.1	7
8	Inorganic“Organic Perovskite Solar Cells. , 0, , .		5
9	Hot-Probe Method for Majority Charge Carrier Determination in Methylammonium Lead Halide Perovskites. <i>IEEE Journal of Photovoltaics</i> , 2021, 11, 368-373.	2.5	2
10	Hybrid Solar Cells Based on Silicon. , 2011, , .		1
11	Development of parabolic luminescent solar concentrators by 3D printing. , 2021, , .		1
12	Single-Crystal Bismuth Thiophosphate, BiPS ₄ , as a Nontoxic and Mechanically Robust X-ray Detector. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56296-56301.	8.0	1