Mozhgan Yavari

List of Publications by Year
in descending order

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13	997	1039406	1058022
papers	citations	9	14
		h-index	g-index

14	14	14	2215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interpretation and evolution of open-circuit voltage, recombination, ideality factor and subgap defect states during reversible light-soaking and irreversible degradation of perovskite solar cells. Energy and Environmental Science, 2018, 11, 151-165.	15.6	586
2	Greener, Nonhalogenated Solvent Systems for Highly Efficient Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1800177.	10.2	106
3	Carbon Nanoparticles in Highâ€Performance Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702719.	10.2	74
4	How far does the defect tolerance of lead-halide perovskites range? The example of Bi impurities introducing efficient recombination centers. Journal of Materials Chemistry A, 2019, 7, 23838-23853.	5.2	57
5	Enhance the performance of iron oxide nanoparticles in supercapacitor applications through internal contact of Î±-Fe2O3@CeO2 core-shell. Journal of Alloys and Compounds, 2020, 819, 152949.	2.8	53
6	Reducing Surface Recombination by a Poly(4-vinylpyridine) Interlayer in Perovskite Solar Cells with High Open-Circuit Voltage and Efficiency. ACS Omega, 2018, 3, 5038-5043.	1.6	38
7	A Multifaceted Ferrocene Interlayer for Highly Stable and Efficient Lithium Doped Spiroâ€OMeTADâ€based Perovskite Solar Cells. Advanced Energy Materials, 2022, 12, .	10.2	32
8	A synergistic Cs₂CO₃ETL treatment to incorporate Cs cation into perovskite solar cellsviatwo-step scalable fabrication. Journal of Materials Chemistry C, 2021, 9, 4367-4377.	2.7	17
9	Influence of Halide Choice on Formation of Lowâ€Ðimensional Perovskite Interlayer in Efficient Perovskite Solar Cells. Energy and Environmental Materials, 2022, 5, 670-682.	7.3	9
10	Different Electrocatalytic Response Related to the Morphological Structure of TiO₂ Nanomaterial: Hydroquinone as an Analytical Probe. Electroanalysis, 2017, 29, 231-237.	1.5	6
11	Influence of Nitrogen Doping on the Electrocatalytic Effect of TiO2Nanofibers. Journal of the Electrochemical Society, 2017, 164, H903-H907.	1.3	2
12	Carbon nanotubes and (4-((E)-(2-methyl-4-nitrophenylimino) methyl) benzene-1,2-diol) modified glassy carbon electrode as a new electrocatalyst for oxidation of levodopa. Catalysis Science and Technology, 2013, 3, 2634.	2.1	1
13	Nanofibers modified through carbon and nitrogen coâ€doping and phase transformation for application in pseudocapacitors. International Journal of Energy Research, 2021, 45, 2343-2352.	2.2	1