Somayeh Gholipour

List of Publications by Year
in descending order

23	1,460	471061 17	642321 23
papers	citations	h-index	g-index

25	25	25	2864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing Efficiency of Perovskite Solar Cells via Nâ€doped Graphene: Crystal Modification and Surface Passivation. Advanced Materials, 2016, 28, 8681-8686.	11.1	281
2	Effect of Cation Composition on the Mechanical Stability of Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702116.	10.2	130
3	Photoelectrochemical Waterâ€Splitting Using CuOâ€Based Electrodes for Hydrogen Production: A Review. Advanced Materials, 2021, 33, e2007285.	11.1	127
4	Structural, Magnetic, and Optical Properties of Zinc- and Copper-Substituted Nickel Ferrite Nanocrystals. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2443-2455.	0.8	120
5	Highly Efficient and Stable Perovskite Solar Cells based on a Lowâ€Cost Carbon Cloth. Advanced Energy Materials, 2016, 6, 1601116.	10.2	107
6	Greener, Nonhalogenated Solvent Systems for Highly Efficient Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1800177.	10.2	106
7	Globularityâ€Selected Large Molecules for a New Generation of Multication Perovskites. Advanced Materials, 2017, 29, 1702005.	11.1	81
8	Recent Advances in Plasmonic Perovskite Solar Cells. Advanced Science, 2020, 7, 1902448.	5.6	78
9	Carbon Nanoparticles in Highâ€Performance Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702719.	10.2	74
10	From Exceptional Properties to Stability Challenges of Perovskite Solar Cells. Small, 2018, 14, e1802385.	5.2	58
11	Perovskites for Laser and Detector Applications. Energy and Environmental Materials, 2019, 2, 146-153.	7.3	42
12	Mixedâ€Halide CH₃NH₃PbI_{3â^'x}X_x (X=Cl, Br,) Tj ETQq0 0 0 rgBT /Ove ChemPhysChem, 2016, 17, 2382-2388.	1.0	40
13	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
14	Encapsulation Strategies for Highly Stable Perovskite Solar Cells under Severe Stress Testing: Damp Heat, Freezing, and Outdoor Illumination Conditions. ACS Applied Materials & Interfaces, 2021, 13, 45455-45464.	4.0	34
15	An easy method to modify PEDOT:PSS/perovskite interfaces for solar cells with efficiency exceeding 15%. RSC Advances, 2016, 6, 65594-65599.	1.7	31
16	Structural Phase of Y358 Superconductor Comparison with Y123. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2253-2258.	0.8	30
17	Perovskite solar cell â€“ electrochemical double layer capacitor interplay. Electrochimica Acta, 2017, 258, 825-833.	2.6	18
18	Catalytic Activity of the Spinel Ferrite Nanocrystals on the Growth of Carbon Nanotubes. Journal of Superconductivity and Novel Magnetism, 2013, 26, 429-435.	0.8	17

#	Article	IF	Citations
19	Enhanced photovoltaic performance and stability of perovskite solar cells by interface engineering with poly(4-vinylpyridine) and Cu2ZnSnS4&CNT. Solar Energy, 2020, 201, 908-915.	2.9	16
20	Investigation of dielectric, linear, and nonlinear optical properties of synthesized 2D Ruddlesden-Popper-type halide perovskite. Optics and Laser Technology, 2022, 155, 108352.	2.2	10
21	Bandgap tuning and compositional exchange for lead halide perovskite materials. , 2020, , 1-22.		9
22	Stannite Quaternary Cu2M(M = Ni, Co)SnS4 as Low Cost Inorganic Hole Transport Materials in Perovskite Solar Cells. Energies, 2020, 13, 5938.	1.6	7
23	The non-linear third order susceptibility of Cu (MÂ=ÂZn, Ni, Co)SnS coated on perovskite thin films. Chemical Physics Letters, 2022, 795, 139501.	1.2	4