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List of Publications by Year
in descending order

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20 papers	270 citations	1162889 8 h-index	940416 16 g-index
20 all docs	20 docs citations	20 times ranked	597 citing authors

#	Article	IF	Citations
1	Versatile perovskite solar cell encapsulation by low-temperature ALD-Al₂O₃with long-term stability improvement. Sustainable Energy and Fuels, 2018, 2, 2468-2479.	2.5	66
2	Photoemission Spectroscopy Characterization of Halide Perovskites. Advanced Energy Materials, 2020, 10, 1904007.	10.2	66
3	Light-Induced Passivation in Triple Cation Mixed Halide Perovskites: Interplay between Transport Properties and Surface Chemistry. ACS Applied Materials & Interfaces, 2020, 12, 34784-34794.	4.0	25
4	Strong performance enhancement in lead-halide perovskite solar cells through rapid, atmospheric deposition of n-type buffer layer oxides. Nano Energy, 2020, 75, 104946.	8.2	20
5	Developments in numerical treatments for large data sets of XPS images. Surface and Interface Analysis, 2016, 48, 301-309.	0.8	18
6	A challenge for x-ray photoelectron spectroscopy characterization of Cu(In,Ga)Se2 absorbers: The accurate quantification of Ga/(Gaâ€¯+â€¯In) ratio. Thin Solid Films, 2019, 669, 425-429.	0.8	13
7	Improving V_{oc} With Indium and Alkali Fluorides in Cu(In,Ga)Se₂ Solar Cells Deposited at Low Temperature on Polyimide. IEEE Journal of Photovoltaics, 2018, 8, 1343-1348.	1.5	10
8	TiO₂ Anatase Solutions for Electron Transporting Layers in Organic Photovoltaic Cells. ChemPhysChem, 2017, 18, 2390-2396.	1.0	9
9	The influence of relative humidity upon Cu(In,Ga)Se2 thin-film surface chemistry: An X-ray photoelectron spectroscopy study. Applied Surface Science, 2022, 576, 151898.	3.1	8
10	Study of Gallium Front Grading at Low Deposition Temperature on Polyimide Substrates and Impacts on the Solar Cell Properties. IEEE Journal of Photovoltaics, 2018, 8, 1852-1857.	1.5	7
11	Cu depletion on Cu(In,Ga)Se2 surfaces investigated by chemical engineering: An x-ray photoelectron spectroscopy approach. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	0.9	7
12	Investigation of dielectric layers laser ablation mechanism on n-PERT silicon solar cells for (Ni) plating process: Laser impact on surface morphology, composition, electrical properties and metallization quality. Solar Energy Materials and Solar Cells, 2019, 202, 110149.	3.0	6
13	Combined Pulsed RF GD-OES and HAXPES for Quantified Depth Profiling through Coatings. Coatings, 2021, 11, 702.	1.2	5
14	Evaluation of the chemical and optical perturbations induced by Ar plasma on InP surface. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2019, 37, .	0.6	3
15	Stoichiometry loss induced by ionic bombardment of InP surfaces: A challenge for electrochemistry combined with XPS. Electrochemistry Communications, 2020, 117, 106766.	2.3	3
16	Evolution of Cu(In,Ga)Se₂ surfaces under water immersion monitored by Xâ€ray photoelectron spectroscopy. Surface and Interface Analysis, 2020, 52, 975-979.	0.8	2
17	Vectorial method used to monitor an evolving system: Titanium oxide thin films under UV illumination. Applied Surface Science, 2018, 447, 528-534.	3.1	1
18	Coupling GD-OES and XPS profiling to perform advanced physico-chemical characterizations of III-V layers for photovoltaic applications. , 2018, , .		1

#	Article	IF	Citations
19	XPS profiling study of Al<inf>2</inf>O<inf>3</inf> passivation layers for high efficiency n-PERT and PERC solar cells. , 2018, , .		0
20	Cross-characterization methods to obtain an â€œabsoluteâ€•quantification of Cu(In,Ga)Se2 in-depth and at the surface. , 2019, , .		0