Tahmida N Huq

List of Publications by Year
in descending order

14	697	858243 12	1181555 14
papers	citations	h-index	g-index

15	15	15	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Leadâ€Free Perovskiteâ€Inspired Absorbers for Indoor Photovoltaics. Advanced Energy Materials, 2021, 11, 2002761.	10.2	95
2	Nickel oxide thin films grown by chemical deposition techniques: Potential and challenges in nextâ€generation rigid and flexible device applications. InformaÄnÃ-MateriÃ¡ly, 2021, 3, 536-576.	8.5	57
3	Role of ALD Al₂O₃ Surface Passivation on the Performance of p-Type Cu₂O Thin Film Transistors. ACS Applied Materials & Interfaces, 2021, 13, 4156-4164.	4.0	31
4	Indoor Photovoltaics: Leadâ€Free Perovskiteâ€Inspired Absorbers for Indoor Photovoltaics (Adv. Energy) Tj ETQq0 0 0 rgBT /Overlock 10	10.2	3
5	Electron Beam Sterilization of Poly(Methyl Methacrylate)â€”Physicochemical and Biological Aspects. Macromolecular Bioscience, 2021, 21, e2000379.	2.1	12
6	Assessing the Impact of Defects on Leadâ€Free Perovskiteâ€Inspired Photovoltaics via Photoinduced Current Transient Spectroscopy. Advanced Energy Materials, 2021, 11, 2003968.	10.2	26
7	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
8	Rapid Vapor-Phase Deposition of High-Mobility p-Type Buffer Layers on Perovskite Photovoltaics for Efficient Semitransparent Devices. ACS Energy Letters, 2020, 5, 2456-2465.	8.8	32
9	Controlling the preferred orientation of layered BiOI solar absorbers. Journal of Materials Chemistry C, 2020, 8, 10791-10797.	2.7	25
10	Electronic Structure and Optoelectronic Properties of Bismuth Oxyiodide Robust against Percentâ€Level Iodineâ€, Oxygenâ€, and Bismuthâ€Related Surface Defects. Advanced Functional Materials, 2020, 30, 1909983.	7.8	40
11	Antiferromagnetism and pâ€type conductivity of nonstoichiometric nickel oxide thin films. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 769-774.	8.5	20
12	Identifying and Reducing Interfacial Losses to Enhance Color-Pure Electroluminescence in Blue-Emitting Perovskite Nanoplatelet Light-Emitting Diodes. ACS Energy Letters, 2019, 4, 1181-1188.	8.8	115
13	Research Update: Bismuth-based perovskite-inspired photovoltaic materials. APL Materials, 2018, 6, .	2.2	82
14	Strongly Enhanced Photovoltaic Performance and Defect Physics of Airâ€Stable Bismuth Oxyiodide (BiOI). Advanced Materials, 2017, 29, 1702176.	11.1	139