

Itaru Raifuku

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudo-Halide Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2100818.	19.5	56
2	Characteristics of Perovskite Solar Cells under Low-Illuminance Conditions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18986-18990.	3.1	43
3	Halide perovskite for low-power consumption neuromorphic devices. <i>EcoMat</i> , 2021, 3, e12142.	11.9	31
4	Optoelectronic properties of electron beam-deposited NiOx thin films for solar cell application. <i>Results in Physics</i> , 2020, 17, 103122.	4.1	26
5	Fabrication of perovskite solar cells using sputter-processed CH ₃ NH ₃ PbI ₃ films. <i>Applied Physics Express</i> , 2017, 10, 094101.	2.4	19
6	Air-stable perovskite photovoltaic cells with low temperature deposited NiOx as an efficient hole-transporting material. <i>Optical Materials Express</i> , 2020, 10, 1801.	3.0	19
7	Hierarchical core-shell heterostructure of H ₂ O-oxidized ZnO nanorod@Mg-doped ZnO nanoparticle for solar cell applications. <i>Materials Advances</i> , 2020, 1, 1253-1261.	5.4	15
8	Segregation-free bromine-doped perovskite solar cells for IoT applications. <i>RSC Advances</i> , 2019, 9, 32833-32838.	3.6	13
9	Biotemplated Synthesis of TiO ₂ -Coated Gold Nanowire for Perovskite Solar Cells. <i>ACS Omega</i> , 2017, 2, 5478-5485.	3.5	6
10	Easy and green preparation of a graphene-TiO ₂ nanohybrid using a supramolecular biomaterial consisting of artificially bifunctionalized proteins and its application for a perovskite solar cell. <i>Nanoscale</i> , 2018, 10, 19249-19253.	5.6	6
11	Formamide iodide: a new cation additive for inhibiting γ -phase formation of formamidinium lead iodide perovskite. <i>Materials Advances</i> , 2021, 2, 2272-2277.	5.4	2
12	Internal resistance of perovskite solar cells under low illuminance conditions. , 2016, , .		0
13	Pseudohalide Perovskite Solar Cells. , 0, , .		0