Fabian Schackmar

List of Publications by Year
in descending order

15 papers	885 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1310 citing authors

#	Article	IF	Citations
1	Coated and Printed Perovskites for Photovoltaic Applications. Advanced Materials, 2019, 31, e1806702.	21.0	146
2	Inkjetâ€Printed Micrometerâ€Thick Perovskite Solar Cells with Large Columnar Grains. Advanced Energy Materials, 2020, 10, 1903184.	19.5	142
3	Electronâ€Beamâ€Evaporated Nickel Oxide Hole Transport Layers for Perovskiteâ€Based Photovoltaics. Advanced Energy Materials, 2019, 9, 1802995.	19.5	122
4	Flexible Inkjet-Printed Triple Cation Perovskite X-ray Detectors. ACS Applied Materials & Interfaces, 2020, 12, 15774-15784.	8.0	86
5	Perovskite Solar Cells with Allâ€Inkjetâ€Printed Absorber and Charge Transport Layers. Advanced Materials Technologies, 2021, 6, 2000271.	5.8	72
6	Vacuumâ€Assisted Growth of Lowâ€Bandgap Thin Films (FA_{0.8}MA_{0.2}Sn_{0.5}Pb_{0.5}I₃) for Allâ€Perovskite Tandem Solar Cells. Advanced Energy Materials, 2020, 10, 1902583.	19.5	60
7	Scalable two-terminal all-perovskite tandem solar modules with a 19.1% efficiency. Nature Energy, 2022, 7, 620-630.	39.5	58
8	From Groundwork to Efficient Solar Cells: On the Importance of the Substrate Material in Coâ€Evaporated Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2104482.	14.9	51
9	Thermal Stability and Cation Composition of Hybrid Organicâ€“Inorganic Perovskites. ACS Applied Materials & Interfaces, 2021, 13, 15292-15304.	8.0	41
10	Scalable Processing of Low-Temperature TiO₂ Nanoparticles for High-Efficiency Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 47-58.	5.1	33
11	Laminated Perovskite Photovoltaics: Enabling Novel Layer Combinations and Device Architectures. Advanced Functional Materials, 2020, 30, 1907481.	14.9	33
12	Analytical Study of Solutionâ€Processed Tin Oxide as Electron Transport Layer in Printed Perovskite Solar Cells. Advanced Materials Technologies, 2021, 6, 2000282.	5.8	16
13	Phase-Separated Nanophotonic Structures by Inkjet Printing. ACS Nano, 2021, 15, 7305-7317.	14.6	14
14	Perovskite Solar Cells with Vivid, Angleâ€Invariant, and Customizable Inkjetâ€Printed Colorization for Buildingâ€Integrated Photovoltaics. Solar Rrl, 2022, 6, .	5.8	6
15	A Selfâ€Assembly Method for Tunable and Scalable Nanoâ€Stamps: A Versatile Approach for Imprinting Nanostructures. Advanced Materials Technologies, 2022, 7, 2101008.	5.8	5