

# Fabian Schackmar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10740685/publications.pdf>

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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	A Self-Assembly Method for Tunable and Scalable Nano-Stamps: A Versatile Approach for Imprinting Nanostructures. <i>Advanced Materials Technologies</i> , 2022, 7, 2101008.	5.8	5
2	Perovskite Solar Cells with Vivid, Angle-Invariant, and Customizable Inkjet-Printed Colorization for Building-Integrated Photovoltaics. <i>Solar Rrl</i> , 2022, 6, .	5.8	6
3	Scalable two-terminal all-perovskite tandem solar modules with a 19.1% efficiency. <i>Nature Energy</i> , 2022, 7, 620-630.	39.5	58
4	Analytical Study of Solution-Processed Tin Oxide as Electron Transport Layer in Printed Perovskite Solar Cells. <i>Advanced Materials Technologies</i> , 2021, 6, 2000282.	5.8	16
5	Perovskite Solar Cells with All-Inkjet-Printed Absorber and Charge Transport Layers. <i>Advanced Materials Technologies</i> , 2021, 6, 2000271.	5.8	72
6	Thermal Stability and Cation Composition of Hybrid Organic-Inorganic Perovskites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 15292-15304.	8.0	41
7	Phase-Separated Nanophotonic Structures by Inkjet Printing. <i>ACS Nano</i> , 2021, 15, 7305-7317.	14.6	14
8	From Groundwork to Efficient Solar Cells: On the Importance of the Substrate Material in Co-Evaporated Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2104482.	14.9	51
9	Laminated Perovskite Photovoltaics: Enabling Novel Layer Combinations and Device Architectures. <i>Advanced Functional Materials</i> , 2020, 30, 1907481.	14.9	33
10	Inkjet-Printed Micrometer-Thick Perovskite Solar Cells with Large Columnar Grains. <i>Advanced Energy Materials</i> , 2020, 10, 1903184.	19.5	142
11	Vacuum-Assisted Growth of Low-Bandgap Thin Films ( $FA_{0.8}MA_{0.2}Sn_{0.5}Pb_{0.5}I_3$ ) for All-Perovskite Tandem Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 1902583.	19.5	60
12	Flexible Inkjet-Printed Triple Cation Perovskite X-ray Detectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 15774-15784.	8.0	86
13	Coated and Printed Perovskites for Photovoltaic Applications. <i>Advanced Materials</i> , 2019, 31, e1806702.	21.0	146
14	Scalable Processing of Low-Temperature $TiO_2$ Nanoparticles for High-Efficiency Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 47-58.	5.1	33
15	Electron-Beam-Evaporated Nickel Oxide Hole Transport Layers for Perovskite-Based Photovoltaics. <i>Advanced Energy Materials</i> , 2019, 9, 1802995.	19.5	122