

Sebastian Franz Hoefler

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

588
citations

1464605

7
h-index

1637695

9
g-index

9
all docs

9
docs citations

9
times ranked

1355
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefits of direct electron detection and PCA for EELS investigation of organic photovoltaics materials. <i>Micron</i> , 2021, 140, 102981.	1.1	11
2	A pyrrolopyridazinedione-based copolymer for fullerene-free organic solar cells. <i>New Journal of Chemistry</i> , 2021, 45, 1001-1009.	1.4	3
3	New Solar Cell-Battery Hybrid Energy System: Integrating Organic Photovoltaics with Li-Ion and Na-Ion Technologies. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 19155-19168.	3.2	14
4	Elemental Nanoanalysis of Interfacial Alumina-Aryl Fluoride Interactions in Fullerene-Free Organic Tandem Solar Cells. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901053.	1.9	8
5	Elucidation of Donor:Acceptor Phase Separation in Nonfullerene Organic Solar Cells and Its Implications on Device Performance and Charge Carrier Mobility. <i>ACS Applied Energy Materials</i> , 2019, 2, 7535-7545.	2.5	11
6	Synthesis of a tetrazine-quaterthiophene copolymer and its optical, structural and photovoltaic properties. <i>Journal of Materials Science</i> , 2019, 54, 10065-10076.	1.7	8
7	The effect of polymer molecular weight on the performance of PTB7-Th:O-IDTBR non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9506-9516.	5.2	76
8	A Zero-Dimensional Mixed-Anion Hybrid Halogenobismuthate(III) Semiconductor: Structural, Optical, and Photovoltaic Properties. <i>Inorganic Chemistry</i> , 2018, 57, 10576-10586.	1.9	26
9	Progress on lead-free metal halide perovskites for photovoltaic applications: a review. <i>Monatshefte für Chemie</i> , 2017, 148, 795-826.	0.9	431