

# Eugen Zimmermann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4439677/publications.pdf>

Version: 2024-02-01

14  
papers

668  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erroneous efficiency reports harm organic solar cell research. Nature Photonics, 2014, 8, 669-672.	31.4	195
2	Toward High-Efficiency Solution-Processed Planar Heterojunction Sb <sub>2</sub> S <sub>3</sub> Solar Cells. Advanced Science, 2015, 2, 1500059.	11.2	102
3	Characterization of perovskite solar cells: Towards a reliable measurement protocol. APL Materials, 2016, 4, .	5.1	94
4	Porous and Shape-Anisotropic Single Crystals of the Semiconductor Perovskite CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> from a Single-Source Precursor. Angewandte Chemie - International Edition, 2015, 54, 1341-1346.	13.8	54
5	H-aggregate analysis of P3HT thin films-Capability and limitation of photoluminescence and UV/Vis spectroscopy. Scientific Reports, 2016, 6, 32434.	3.3	53
6	Role of the Metal-Oxide Work Function on Photocurrent Generation in Hybrid Solar Cells. Scientific Reports, 2018, 8, 3559.	3.3	47
7	Impact of Crystal Surface on Photoexcited States in Organic-Inorganic Perovskites. Advanced Functional Materials, 2017, 27, 1604995.	14.9	23
8	Decoupling optical and electronic optimization of organic solar cells using high-performance temperature-stable TiO <sub>2</sub> /Ag/TiO <sub>2</sub> electrodes. APL Materials, 2015, 3, .	5.1	21
9	Thiophene-Functionalized Hybrid Perovskite Microrods and their Application in Photodetector Devices for Investigating Charge Transport Through Interfaces in Particle-Based Materials. ACS Applied Materials & Interfaces, 2017, 9, 1077-1085.	8.0	19
10	Hybrid solar cells from Sb <sub>2</sub> S <sub>3</sub> nanoparticle ink. Solar Energy Materials and Solar Cells, 2017, 172, 335-340.	6.2	18
11	Synergistic effects of interfacial modifiers enhance current and voltage in hybrid solar cells. APL Materials, 2013, 1, .	5.1	16
12	Improving pore-filling in TiO <sub>2</sub> nanorods and nanotubes scaffolds for perovskite solar cells via methylamine gas healing. Solar Energy, 2018, 170, 541-548.	6.1	8
13	A comparison of light-coupling into high and low index nanostructured photovoltaic thin films. APL Materials, 2015, 3, 066101.	5.1	7
14	Controlling the density of hydrothermally grown rutile TiO <sub>2</sub> nanorods on anatase TiO <sub>2</sub> films. Surfaces and Interfaces, 2019, 15, 141-147.	3.0	6