

# Eugen Zimmermann

## List of Publications by Year in descending order

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