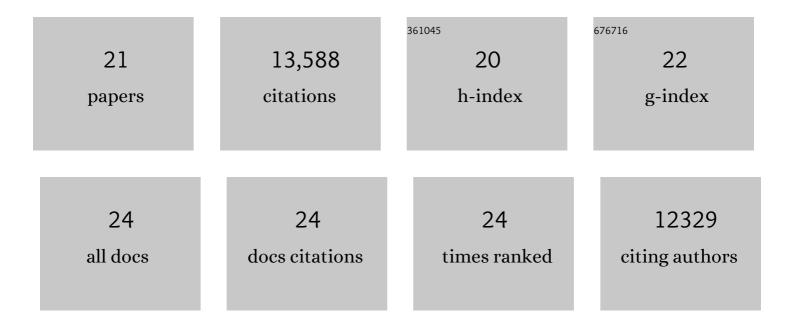
Konrad Domanski

List of Publications by Year in descending order

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KONRAD DOMANSKI

#	Article	IF	CITATIONS
1	Cesium-containing triple cation perovskite solar cells: improved stability, reproducibility and high efficiency. Energy and Environmental Science, 2016, 9, 1989-1997.	15.6	4,560
2	Incorporation of rubidium cations into perovskite solar cells improves photovoltaic performance. Science, 2016, 354, 206-209.	6.0	3,137
3	Not All That Clitters Is Gold: Metal-Migration-Induced Degradation in Perovskite Solar Cells. ACS Nano, 2016, 10, 6306-6314.	7.3	966
4	Consensus statement for stability assessment and reporting for perovskite photovoltaics based on ISOS procedures. Nature Energy, 2020, 5, 35-49.	19.8	797
5	Highly efficient and stable planar perovskite solar cells by solution-processed tin oxide. Energy and Environmental Science, 2016, 9, 3128-3134.	15.6	720
6	Interpretation and evolution of open-circuit voltage, recombination, ideality factor and subgap defect states during reversible light-soaking and irreversible degradation of perovskite solar cells. Energy and Environmental Science, 2018, 11, 151-165.	15.6	586
7	Systematic investigation of the impact of operation conditions on the degradation behaviour of perovskite solar cells. Nature Energy, 2018, 3, 61-67.	19.8	544
8	Migration of cations induces reversible performance losses over day/night cycling in perovskite solar cells. Energy and Environmental Science, 2017, 10, 604-613.	15.6	525
9	Identifying and suppressing interfacial recombination to achieve high open-circuit voltage in perovskite solar cells. Energy and Environmental Science, 2017, 10, 1207-1212.	15.6	288
10	Unbroken Perovskite: Interplay of Morphology, Electroâ€optical Properties, and Ionic Movement. Advanced Materials, 2016, 28, 5031-5037.	11.1	242
11	Ionic Liquid Control Crystal Growth to Enhance Planar Perovskite Solar Cells Efficiency. Advanced Energy Materials, 2016, 6, 1600767.	10.2	224
12	High Temperature‣table Perovskite Solar Cell Based on Low ost Carbon Nanotube Hole Contact. Advanced Materials, 2017, 29, 1606398.	11.1	209
13	Performance of perovskite solar cells under simulated temperature-illumination real-world operating conditions. Nature Energy, 2019, 4, 568-574.	19.8	186
14	Working Principles of Perovskite Photodetectors: Analyzing the Interplay Between Photoconductivity and Voltageâ€Driven Energy‣evel Alignment. Advanced Functional Materials, 2015, 25, 6936-6947.	7.8	129
15	Highly Efficient and Stable Perovskite Solar Cells based on a Lowâ€Cost Carbon Cloth. Advanced Energy Materials, 2016, 6, 1601116.	10.2	107
16	Strong Photocurrent Amplification in Perovskite Solar Cells with a Porous TiO ₂ Blocking Layer under Reverse Bias. Journal of Physical Chemistry Letters, 2014, 5, 3931-3936.	2.1	104
17	Carbon Nanoparticles in Highâ€Performance Perovskite Solar Cells. Advanced Energy Materials, 2018, 8, 1702719.	10.2	74
18	Additiveâ€Free Transparent Triarylamineâ€Based Polymeric Holeâ€Transport Materials for Stable Perovskite Solar Cells. ChemSusChem. 2016. 9. 2567-2571.	3.6	65

#	Article	IF	CITATIONS
19	Poly(ethylene glycol)–[60]Fullereneâ€Based Materials for Perovskite Solar Cells with Improved Moisture Resistance and Reduced Hysteresis. ChemSusChem, 2018, 11, 1032-1039.	3.6	57
20	Metalâ€Halide Perovskites for Gate Dielectrics in Fieldâ€Effect Transistors and Photodetectors Enabled by PMMA Liftâ€Off Process. Advanced Materials, 2018, 30, e1707412.	11.1	51
21	Solar Cells: Ionic Liquid Control Crystal Growth to Enhance Planar Perovskite Solar Cells Efficiency (Adv. Energy Mater. 20/2016). Advanced Energy Materials, 2016, 6, .	10.2	2