

Adam Hultqvist

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3545848/publications.pdf>

Version: 2024-02-01

15
papers

676
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1057
citing authors

#	ARTICLE	IF	CITATIONS
1	Record 1.1%V Open-Circuit Voltage for Cu ₂ ZnGeS ₄ -Based Thin-Film Solar Cells Using Atomic Layer Deposition Zn _{1-x} Sn _x O _y Buffer Layers. Solar Rrl, 2022, 6, 2100837.	5.8	6
2	An open-access database and analysis tool for perovskite solar cells based on the FAIR data principles. Nature Energy, 2022, 7, 107-115.	39.5	136
3	SnO Atomic Layer Deposition on Bare Perovskite—An Investigation of Initial Growth Dynamics, Interface Chemistry, and Solar Cell Performance. ACS Applied Energy Materials, 2021, 4, 510-522.	5.1	18
4	Atomic Layer Deposition of Ternary Compounds on Cu(In,Ga)Se ₂ : An In Situ Quartz Crystal Microbalance Study. ACS Applied Energy Materials, 2020, 3, 7208-7215.	5.1	6
5	2-Terminal CIGS-perovskite tandem cells: A layer by layer exploration. Solar Energy, 2020, 207, 270-288.	6.1	44
6	Rear Optical Reflection and Passivation Using a Nanopatterned Metal/Dielectric Structure in Thin-Film Solar Cells. IEEE Journal of Photovoltaics, 2019, 9, 1421-1427.	2.5	21
7	Decoupling of Optical and Electrical Properties of Rear Contact CIGS Solar Cells. IEEE Journal of Photovoltaics, 2019, 9, 1857-1862.	2.5	7
8	Al ₂ O ₃ Underlayer Prepared by Atomic Layer Deposition for Efficient Perovskite Solar Cells. ChemSusChem, 2017, 10, 3810-3817.	6.8	34
9	Atomic Layer Deposition of Electron Selective SnO and ZnO Films on Mixed Halide Perovskite: Compatibility and Performance. ACS Applied Materials & Interfaces, 2017, 9, 29707-29716.	8.0	36
10	Reducing interface recombination for Cu(In,Ga)Se ₂ by atomic layer deposited buffer layers. Applied Physics Letters, 2015, 107, .	3.3	19
11	A comparison between thin film solar cells made from co-evaporated CuIn _{1-x} Ga _x Se ₂ using a one-stage process versus a three-stage process. Progress in Photovoltaics: Research and Applications, 2015, 23, 470-478.	8.1	53
12	The effect of Mo back contact ageing on Cu(In,Ga)Se ₂ thin-film solar cells. Progress in Photovoltaics: Research and Applications, 2014, 22, 83-89.	8.1	33
13	Inline Cu(In,Ga)Se ₂ Co-evaporation for High-Efficiency Solar Cells and Modules. IEEE Journal of Photovoltaics, 2013, 3, 1100-1105.	2.5	148
14	Soft X-ray characterization of Zn _{1-x} Sn _x O _y electronic structure for thin film photovoltaics. Physical Chemistry Chemical Physics, 2012, 14, 10154.	2.8	58
15	Growth kinetics, properties, performance, and stability of atomic layer deposition Zn—Sn—O buffer layers for Cu(In,Ga)Se ₂ solar cells. Progress in Photovoltaics: Research and Applications, 2012, 20, 883-891.	8.1	57