

Sylvester Sahayaraj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3254068/publications.pdf>

Version: 2024-02-01

11
papers

151
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	KCN Chemical Etch for Interface Engineering in Cu ₂ ZnSnSe ₄ Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 14690-14698.	8.0	62
2	Investigation of Properties Limiting Efficiency in Cu ₂ ZnSnSe ₄ -Based Solar Cells. IEEE Journal of Photovoltaics, 2015, 5, 649-655.	2.5	20
3	Doping of Cu ₂ ZnSnSe ₄ solar cells with Na ⁺ or K ⁺ alkali ions. Journal of Materials Chemistry A, 2018, 6, 2653-2663.	10.3	19
4	Synthesis and characterization of (Cd,Zn)S buffer layer for Cu ₂ ZnSnSe ₄ solar cells. Journal Physics D: Applied Physics, 2017, 50, 285501.	2.8	12
5	P ⁿ Junction Passivation in Kesterite Solar Cells by Use of Solution-Processed TiO ₂ Layer. IEEE Journal of Photovoltaics, 2017, 7, 1130-1135.	2.5	11
6	Combination of a large cation and coordinating additive improves carrier transport properties in quasi-2D perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 9175-9190.	10.3	10
7	Effect of Cu content and temperature on the properties of Cu ₂ ZnSnSe ₄ solar cells. EPJ Photovoltaics, 2016, 7, 70304.	1.6	8
8	Effect of the duration of a wet KCN etching step and post deposition annealing on the efficiency of Cu ₂ ZnSnSe ₄ solar cells. Thin Solid Films, 2017, 633, 166-171.	1.8	4
9	New Synthetic Route of Ultrapure Alkylammonium Iodides for Perovskite Thin Films of Superior Optoelectronic Properties. Energy Technology, 2020, 8, 2000478.	3.8	3
10	Progress in Cleaning and Wet Processing for Kesterite Thin Film Solar Cells. Solid State Phenomena, 2016, 255, 348-353.	0.3	2
11	Voids in Kesterites and the Influence of Lamellae Preparation by Focused Ion Beam for Transmission Electron Microscopy Analyses. IEEE Journal of Photovoltaics, 2019, 9, 565-570.	2.5	0