

Copper indium gallium selenide based solar cells “a r

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Citation Report

#	ARTICLE	IF	CITATIONS
1	CdTe _{1-x} S _x (x=0.05) thin films synthesized by aqueous solution deposition and annealing. <i>Materials Research Express</i> , 2017, 4, 115904.	0.8	0
2	Characteristics of an oxide/metal/oxide transparent conducting electrode fabricated with an intermediate Cu-Mo metal composite layer for application in efficient CIGS solar cell. <i>RSC Advances</i> , 2017, 7, 48113-48119.	1.7	23
3	Earth-Abundant CZTSSe Thin Film Solar Cells on Flexible Stainless Steel Foil Substrates. , 2017, , .		1
4	Investigations on the parameters limiting the performance of CdS/SnS solar cell. <i>International Journal of Energy Research</i> , 2018, 42, 1914-1920.	2.2	12
5	CIGS thin films grown by hybrid sputtering-evaporation method: Properties and PV performance. <i>Solar Energy</i> , 2018, 175, 16-24.	2.9	13
6	Bismuth doping on CuGaS ₂ thin films: structural and optical properties. <i>MRS Communications</i> , 2018, 8, 504-508.	0.8	9
7	Implementation of graphene as hole transport electrode in flexible CIGS solar cells fabricated on Cu foil. <i>Solar Energy</i> , 2018, 162, 357-363.	2.9	29
8	Manufacture of photovoltaic cells with hybrid organic-inorganic bulk heterojunction. <i>Materials and Manufacturing Processes</i> , 2018, 33, 912-922.	2.7	5
9	Regulating the starting location of front-gradient enabled highly efficient Cu(In,Ga)Se ₂ solar cells via a facile thiol-amine solution approach. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4095-4101.	5.2	23
10	Theoretical investigations on enhancement of photovoltaic efficiency of nanostructured CZTS/ZnS/ZnO based solar cell device. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7262-7272.	1.1	29
11	Tuning the Se Content in Cu ₂ ZnSn(S, Se) ₄ Absorber to Achieve 9.7% Solar Cell Efficiency from a Thiol/Amine-Based Solution Process. <i>ACS Applied Energy Materials</i> , 2018, 1, 594-601.	2.5	26
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13	A short review on the advancements in electroplating of CuInGaSe ₂ thin films. <i>Materials for Renewable and Sustainable Energy</i> , 2018, 7, 1.	1.5	23
14	High-throughput combinatorial chemical bath deposition: The case of doping Cu (In, Ga) Se film with antimony. <i>Applied Surface Science</i> , 2018, 427, 1235-1241.	3.1	13
15	Atomic-layer-deposited buffer layers for thin film solar cells using earth-abundant absorber materials: A review. <i>Solar Energy Materials and Solar Cells</i> , 2018, 176, 49-68.	3.0	58
16	Green Atmospheric Aqueous Solution Deposition for High Performance Cu ₂ ZnSn(S,Se) ₄ Thin Film Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1800233.	3.1	16
17	Cu(In,Ga)Se ₂ Films with Branched Nanorod Architectures Fabricated by Economic and Environmentally Friendly Pulse-Reverse Electrodeposition Route. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13787-13796.	3.2	8
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27	Current perspectives in engineering of viable hybrid photocathodes for solar hydrogen generation. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 023001.	0.7	5
28	Morphology and Photoelectric Characteristics of the Thin-Film Polycrystalline Structure SnO ₂ -CdS/Cu(InGa)Se ₂ -Ag. Applied Solar Energy (English Translation of Geliotekhnika), 2018, 54, 91-94.	0.2	2
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38	Evaluation of semiconducting p-type tin sulfide thin films for photodetector applications. Superlattices and Microstructures, 2019, 133, 106215.	1.4	17
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