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List of Publications by Year in descending order

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papers

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759233

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all docs

21
docs citations

21
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur-containing Cu ₂ ZnSnSe ₄ monograin powders for solar cells. Solar Energy Materials and Solar Cells, 2010, 94, 1889-1892.	6.2	60
2	Compositionally tunable structure and optical properties of Cu _{1.85} (Cd _x Zn _{1-x}) _{1.1} SnS _{4.1} (0 ≤ x ≤ 1) monograin powders. Thin Solid Films, 2015, 582, 180-183.	1.8	50
3	Synthesis of Cu ₂ ZnSnS ₄ monograin powders with different compositions. Energy Procedia, 2011, 10, 203-207.	1.8	40
4	The effect of Ag alloying of Cu ₂ (Zn,Cd)SnS ₄ on the monograin powder properties and solar cell performance. Journal of Materials Chemistry A, 2019, 7, 24281-24291.	10.3	31
5	Effects of sulphur and tin disulphide vapour treatments of Cu ₂ ZnSnS(Se) ₄ absorber materials for monograin solar cells. Energy Procedia, 2011, 10, 197-202.	1.8	25
6	Influence of order-disorder in Cu ₂ ZnSnS ₄ powders on the performance of monograin layer solar cells. Thin Solid Films, 2017, 633, 122-126.	1.8	22
7	Study of Cu ₂ CdGeSe ₄ monograin powders synthesized by molten salt method for photovoltaic applications. Thin Solid Films, 2018, 666, 15-19.	1.8	21
8	Detailed Insight into the CZTS/CdS Interface Modification by Air Annealing in Monograin Layer Solar Cells. ACS Applied Energy Materials, 2021, 4, 12374-12382.	5.1	19
9	Modification of the optoelectronic properties of Cu ₂ CdSnS ₄ through low-temperature annealing. Journal of Alloys and Compounds, 2017, 723, 820-825.	5.5	18
10	Synthesis and characterisation of Cu ₂ ZnSnSe ₄ thin films prepared via a vacuum evaporation-based route. Thin Solid Films, 2013, 535, 48-51.	1.8	17
11	Impact of Cu ₂ ZnSn(SexS _{1-x}) ₄ (x=0.3) compositional ratios on the monograin powder properties and solar cells. Thin Solid Films, 2013, 535, 35-38.	1.8	14
12	Comparative study of SnS recrystallization in molten CdI ₂ , SnCl ₂ and KI. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 8-12.	0.8	14
13	Post-growth annealing effect on the performance of Cu ₂ ZnSnSe ₄ monograin layer solar cells. Thin Solid Films, 2013, 535, 18-21.	1.8	11
14	Cu(In,Ga)Se ₂ monograin powders with different Ga content for solar cells. Solar Energy, 2018, 176, 648-655.	6.1	10
15	Synthesis and characterization of tetrahedrite Cu ₁₀ Cd ₂ Sb ₄ S ₁₃ monograin material for photovoltaic application. Materials Science in Semiconductor Processing, 2020, 110, 104973.	4.0	8
16	Nano-scale sulfurization of the Cu ₂ ZnSnSe ₄ crystal surface for photovoltaic applications. Journal of Materials Chemistry A, 2019, 7, 24884-24890.	10.3	5
17	Characterization of tetrahedrite Cu ₁₀ Cd ₂ Sb ₄ S ₁₃ monograin materials grown in molten CdI ₂ and LiI. Thin Solid Films, 2021, 739, 138980.	1.8	5
18	Reaction pathway to CZTSe formation in CdI ₂ . Journal of Thermal Analysis and Calorimetry, 2018, 134, 433-441.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Cu-In and Cu-Zn-Sn Films as Precursors for Production of CuInSe ₂ and Cu ₂ ZnSnSe ₄ Thin Films. Materials Research Society Symposia Proceedings, 2009, 1165, 1.	0.1	1
20	Amorphous Zn(O,Se) buffer layer for Cu(In,Ga)Se ₂ thin film solar cells. Materials Science in Semiconductor Processing, 2021, 132, 105862.	4.0	1
21	Photoelectrochemical properties and band positions of Cd-substituted tetrahedrite Cu ₁₀ Cd ₂ Sb ₄ S ₁₃ monograin materials grown in molten CdI ₂ and LiI. Thin Solid Films, 2022, 741, 139030.	1.8	0