

Chuanxi Yang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

866
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the crystal structure of SnS thin films by atomic layer deposition. AIP Advances, 2021, 11, .	1.3	14
2	Atomic layer deposition of cubic tin-calcium sulfide alloy films. Journal of Materials Research, 2020, 35, 795-803.	2.6	6
3	Atomic Layer Deposition of Tin Monosulfide Using Vapor from Liquid Bis(<i>N,N</i> -diisopropylformamidinato)tin(II) and H ₂ S. ACS Applied Materials & Interfaces, 2019, 11, 45892-45902.	8.0	14
4	Measurement of contact resistivity at metal-tin sulfide (SnS) interfaces. Journal of Applied Physics, 2017, 122, .	2.5	7
5	PV Module Durability -connecting field results, accelerated testing, and materials. , 2017, , .		13
6	Transient terahertz photoconductivity measurements of minority-carrier lifetime in tin sulfide thin films: Advanced metrology for an early stage photovoltaic material. Journal of Applied Physics, 2016, 119, .	2.5	47
7	Device engineering towards improved tin sulfide solar cell performance and performance reproducibility. , 2016, , .		1
8	The impact of sodium contamination in tin sulfide thin-film solar cells. APL Materials, 2016, 4, .	5.1	23
9	A Two-Step Absorber Deposition Approach To Overcome Shunt Losses in Thin-Film Solar Cells: Using Tin Sulfide as a Proof-of-Concept Material System. ACS Applied Materials & Interfaces, 2016, 8, 22664-22670.	8.0	22
10	Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. Angewandte Chemie - International Edition, 2016, 55, 10228-10233.	13.8	29
11	Frontispiece: Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. Angewandte Chemie - International Edition, 2016, 55, .	13.8	0
12	Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. Angewandte Chemie, 2016, 128, 10384-10389.	2.0	4
13	Frontispiz: Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. Angewandte Chemie, 2016, 128, .	2.0	0
14	Making Record-efficiency SnS Solar Cells by Thermal Evaporation and Atomic Layer Deposition. Journal of Visualized Experiments, 2015, , e52705.	0.3	19
15	Non-monotonic effect of growth temperature on carrier collection in SnS solar cells. Applied Physics Letters, 2015, 106, .	3.3	18
16	Framework to predict optimal buffer layer pairing for thin film solar cell absorbers: A case study for tin sulfide/zinc oxysulfide. Journal of Applied Physics, 2015, 118, .	2.5	29
17	Atomic layer deposition of Al-incorporated Zn(O,S) thin films with tunable electrical properties. Applied Physics Letters, 2014, 105, .	3.3	18
18	Overcoming Efficiency Limitations of SnS-Based Solar Cells. Advanced Energy Materials, 2014, 4, 1400496.	19.5	508

#	ARTICLE	IF	CITATIONS
19	Hybrid Photon-Plasmon Nanowire Lasers. Nano Letters, 2013, 13, 5654-5659.	9.1	93