

# Chuanxi Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7266548/publications.pdf>

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	Overcoming Efficiency Limitations of SnS-Based Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1400496.	19.5	508
2	Hybrid Photon-Plasmon Nanowire Lasers. <i>Nano Letters</i> , 2013, 13, 5654-5659.	9.1	93
3	Transient terahertz photoconductivity measurements of minority-carrier lifetime in tin sulfide thin films: Advanced metrology for an early stage photovoltaic material. <i>Journal of Applied Physics</i> , 2016, 119, .	2.5	47
4	Framework to predict optimal buffer layer pairing for thin film solar cell absorbers: A case study for tin sulfide/zinc oxysulfide. <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	29
5	Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10228-10233.	13.8	29
6	The impact of sodium contamination in tin sulfide thin-film solar cells. <i>APL Materials</i> , 2016, 4, .	5.1	23
7	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. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22664-22670.	8.0	22
8	Making Record-efficiency SnS Solar Cells by Thermal Evaporation and Atomic Layer Deposition. <i>Journal of Visualized Experiments</i> , 2015, , e52705.	0.3	19
9	Atomic layer deposition of Al-incorporated Zn(O,S) thin films with tunable electrical properties. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	18
10	Non-monotonic effect of growth temperature on carrier collection in SnS solar cells. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	18
11	Atomic Layer Deposition of Tin Monosulfide Using Vapor from Liquid Bis( <i>N,N</i> -diisopropylformamidinato)tin(II) and H <sub>2</sub> S. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 45892-45902.	8.0	14
12	Study of the crystal structure of SnS thin films by atomic layer deposition. <i>AIP Advances</i> , 2021, 11, .	1.3	14
13	PV Module Durability -connecting field results, accelerated testing, and materials. , 2017, , .		13
14	Measurement of contact resistivity at metal-tin sulfide (SnS) interfaces. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	7
15	Atomic layer deposition of cubic tin-calcium sulfide alloy films. <i>Journal of Materials Research</i> , 2020, 35, 795-803.	2.6	6
16	Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. <i>Angewandte Chemie</i> , 2016, 128, 10384-10389.	2.0	4
17	Device engineering towards improved tin sulfide solar cell performance and performance reproducibility. , 2016, , .		1
18	Frontispiece: Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	0

#	ARTICLE	IF	CITATIONS
19	Frontispiz: Synthesis of Calcium(II) Amidinate Precursors for Atomic Layer Deposition through a Redox Reaction between Calcium and Amidines. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0