

Lun Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1555664/publications.pdf>

Version: 2024-02-01

15
papers

294
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium Fluoride as a High-Thickness-Tolerant Electron-Selective Contact Material for Solar Cells. ACS Applied Energy Materials, 2022, 5, 4351-4357.	5.1	8
2	Yttrium Fluoride-Based Electron-Selective Contacts for Crystalline Silicon Solar Cells. ACS Applied Energy Materials, 2021, 4, 2158-2164.	5.1	14
3	High-Performance Europium Fluoride Electron-Selective Contacts for Efficient Crystalline Silicon Solar Cells. Solar Rrl, 2021, 5, 2100057.	5.8	11
4	Cerous Fluoride Dopant-Free Electron-Selective Contact for Crystalline Silicon Solar Cells. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100135.	2.4	11
5	Solution-Processed High-Quality Cu ₂ O Thin Films as Hole Transport Layers for Pushing the Conversion Efficiency Limit of Cu ₂ O/Si Heterojunction Solar Cells. Solar Rrl, 2020, 4, 1900339.	5.8	33
6	Indium sulfide-based electron-selective contact and dopant-free heterojunction silicon solar cells. Solar Energy, 2020, 211, 759-766.	6.1	8
7	High-Performance and Stable Dopant-Free Silicon Solar Cells with Magnesium Acetylacetonate Electron-Selective Contacts. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000103.	2.4	9
8	Efficient silicon solar cells applying cuprous sulfide as hole-selective contact. Journal of Materials Science, 2019, 54, 12650-12658.	3.7	13
9	12.29% Low Temperature-Processed Dopant-Free CdS/p-Si Heterojunction Solar Cells. Advanced Materials Interfaces, 2019, 6, 1900367.	3.7	29
10	Chromium Trioxide Hole-Selective Heterocontacts for Silicon Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 13645-13651.	8.0	35
11	Conductive Cuprous Iodide Hole-Selective Contacts with Thermal and Ambient Stability for Silicon Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 43699-43706.	8.0	19
12	Chromium Trioxide Hole-Selective Heterocontacts for Silicon Solar Cells. , 2018, , .		1
13	Fabrication of cadmium sulfide/p type silicon heterojunction solar cells under 300 °C with more than 10% efficiency. Solar Energy, 2018, 173, 635-639.	6.1	11
14	Multilayer MoOx/Ag/MoOx emitters in dopant-free silicon solar cells. Materials Letters, 2017, 189, 86-88.	2.6	30
15	Dopant-free back contact silicon heterojunction solar cells employing transition metal oxide emitters. Physica Status Solidi - Rapid Research Letters, 2016, 10, 662-667.	2.4	62