

Xin Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

288
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Exceeding 200â€™s Lifetimes in Polycrystalline CdTe Solar Cells. Solar Rrl, 2021, 5, 2100173.	5.8	10
2	Se diffusion in CdTe thin films for photovoltaics. Journal Physics D: Applied Physics, 2021, 54, 025501.	2.8	11
3	Roles of bandgrading, lifetime, band alignment, and carrier concentration in high-efficiency CdSeTe solar cells. Journal of Applied Physics, 2020, 128, .	2.5	22
4	Thin-Film Solar Cells with 19% Efficiency by Thermal Evaporation of CdSe and CdTe. ACS Energy Letters, 2020, 5, 892-896.	17.4	105
5	Optimization of source material for in-situ Arsenic doping via vapor transport deposition of CdTe films. , 2020, , .		0
6	Recombination and bandgap engineering in CdSeTe/CdTe solar cells. APL Materials, 2019, 7, .	5.1	70
7	Tailoring MgZnO/CdSeTe Interfaces for Photovoltaics. IEEE Journal of Photovoltaics, 2019, 9, 888-892.	2.5	65
8	Synthesis of CdSeCdSe _x Te _{1-x} /CdTe for graded solar cells. , 2019, , .		0
9	Hybrid rib-slot-rib plasmonic waveguide with deep-subwavelength mode confinement and long propagation length. AIP Advances, 2016, 6, 085012.	1.3	5
10	Analysis of Asymmetric Long-Range Surface-Plasmon Waveguide with High-Confinement Mode. Journal of Russian Laser Research, 2016, 37, 280-284.	0.6	0