

Mahisha Amarasinghe

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

102
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Obtaining Large Columnar CdTe Grains and Long Lifetime on Nanocrystalline CdSe, MgZnO, or CdS Layers. <i>Advanced Energy Materials</i> , 2018, 8, 1702666.	19.5	49
2	Influence of CdTe Deposition Temperature and Window Thickness on CdTe Grain Size and Lifetime After CdCl ₂ Recrystallization. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 600-603.	2.5	18
3	Mechanisms for long carrier lifetime in Cd(Se)Te double heterostructures. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	12
4	Exceeding 2000s Lifetimes in Polycrystalline CdTe Solar Cells. <i>Solar Rrl</i> , 2021, 5, 2100173.	5.8	10
5	Scalable ultrafast epitaxy of large-grain and single-crystal II-VI semiconductors. <i>Scientific Reports</i> , 2020, 10, 2426.	3.3	5
6	Imaging CdCl_2 defect passivation and formation in polycrystalline CdTe films by cathodoluminescence. <i>Physical Review Materials</i> , 2021, 5, .	2.4	5
7	Direct Microscopy Imaging of Nonuniform Carrier Transport in Polycrystalline Cadmium Telluride. <i>Cell Reports Physical Science</i> , 2020, 1, 100230.	5.6	3
8	Optimization of source material for in-situ Arsenic doping via vapor transport deposition of CdTe films. , 2020, , .		0