

Mahisha Amarasinghe

List of Publications by Year in descending order

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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	Mechanisms for long carrier lifetime in Cd(Se)Te double heterostructures. Applied Physics Letters, 2021, 118, .	3.3	12
2	Exceeding 200µs Lifetimes in Polycrystalline CdTe Solar Cells. Solar Rrl, 2021, 5, 2100173.	5.8	10
3	Imaging CdCl_2 defect passivation and formation in polycrystalline CdTe films by cathodoluminescence. Physical Review Materials, 2021, 5, .	2.4	5
4	Direct Microscopy Imaging of Nonuniform Carrier Transport in Polycrystalline Cadmium Telluride. Cell Reports Physical Science, 2020, 1, 100230.	5.6	3
5	Scalable ultrafast epitaxy of large-grain and single-crystal II-VI semiconductors. Scientific Reports, 2020, 10, 2426.	3.3	5
6	Optimization of source material for in-situ Arsenic doping via vapor transport deposition of CdTe films. , 2020, , .		0
7	Influence of CdTe Deposition Temperature and Window Thickness on CdTe Grain Size and Lifetime After CdCl ₂ Recrystallization. IEEE Journal of Photovoltaics, 2018, 8, 600-603.	2.5	18
8	Obtaining Large Columnar CdTe Grains and Long Lifetime on Nanocrystalline CdSe, MgZnO, or CdS Layers. Advanced Energy Materials, 2018, 8, 1702666.	19.5	49