

Annika Zuschlag

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

150
citations

1478505

6
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation and regeneration in mc-Si after different gettering steps. Progress in Photovoltaics: Research and Applications, 2017, 25, 545-552.	8.1	49
2	Temperature dependent degradation and regeneration of differently doped mc-Si materials. Energy Procedia, 2017, 124, 718-725.	1.8	35
3	Degradation and regeneration analysis in mc-Si. , 2016, , .		15
4	On the Role of AlO _x Thickness in AlO _x /SiN _y : H Layer Stacks Regarding Light- and Elevated Temperature-Induced Degradation and Hydrogen Diffusion in c-Si. IEEE Journal of Photovoltaics, 2021, 11, 967-973.	2.5	13
5	Darwin at High Temperature: Advancing Solar Cell Material Design Using Defect Kinetics Simulations and Evolutionary Optimization. Advanced Energy Materials, 2014, 4, 1400459.	19.5	12
6	Influence of surface texture on the defect-induced breakdown behavior of multicrystalline silicon solar cells. Progress in Photovoltaics: Research and Applications, 2013, 21, 534-543.	8.1	7
7	Silicon Nitride Deposition: Impact on Lifetime and Light-Induced Degradation at Elevated Temperature in Multicrystalline Silicon. IEEE Journal of Photovoltaics, 2020, 10, 8-18.	2.5	7
8	Gettering Efficacy of APCVD-Based Process Steps for Low-Cost PERT-Type Multicrystalline Silicon Solar Cells. IEEE Journal of Photovoltaics, 2018, 8, 1464-1469.	2.5	5
9	Etch Pit Density Reduction in POCl ₃ and Atmospheric Pressure Chemical Vapor Deposition-Gettered mc-Si. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900316.	1.8	4
10	Delay of Regeneration by Adding Aluminum in Boron-Doped Crystalline Si. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100603.	1.8	2
11	Evaluating root cause: the distinct roles of hydrogen and firing in activating light- and elevated-temperature induced degradation. , 2018, , .		1
12	Injection resolved spatial lifetime mapping using photoluminescence. AIP Conference Proceedings, 2019, , .	0.4	0