

Andrea Illiberi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

221
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	Research Update: Atmospheric pressure spatial atomic layer deposition of ZnO thin films: Reactors, doping, and devices. <i>APL Materials</i> , 2015, 3, .	5.1	69
2	Physical and chemical degradation behavior of sputtered aluminum doped zinc oxide layers for Cu(In,Ga)Se ₂ solar cells. <i>Thin Solid Films</i> , 2014, 550, 530-540.	1.8	43
3	Recent Advances in Atmospheric Vapor-Phase Deposition of Transparent and Conductive Zinc Oxide. <i>Chemical Vapor Deposition</i> , 2014, 20, 234-242.	1.3	29
4	On the environmental stability of ZnO thin films by spatial atomic layer deposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2013, 31, .	2.1	25
5	On the Effect of the Amorphous Silicon Microstructure on the Grain Size of Solid Phase Crystallized Polycrystalline Silicon. <i>Advanced Energy Materials</i> , 2011, 1, 401-406.	19.5	21
6	High rate (~7 Å ² /s), atmospheric pressure deposition of ZnO front electrode for Cu(In,Ga)Se ₂ thin-film solar cells with efficiency beyond 15%. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 1559-1566.	8.1	17
7	Positron Annihilation Studies on the Damp Heat Degradation of ZnO:Al Transparent Conductive Oxide Layers for CIGS Solar Cells. <i>IEEE Journal of Photovoltaics</i> , 2018, 8, 1847-1851.	2.5	10
8	Evolution and role of vacancy clusters at grain boundaries of ZnO:Al during accelerated degradation of Cu(In,Ga)Se ₂ solar cells revealed by positron annihilation. <i>Physical Review Materials</i> , 2018, 2, .	2.4	7