

# Andrea Illiberi

## List of Publications by Year in descending order

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8  
papers

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1307594  
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470  
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#	ARTICLE	IF	CITATIONS
1	Positron Annihilation Studies on the Damp Heat Degradation of ZnO:Al Transparent Conductive Oxide Layers for CIGS Solar Cells. IEEE Journal of Photovoltaics, 2018, 8, 1847-1851.	2.5	10
2	Evolution and role of vacancy clusters at grain boundaries of ZnO:Al during accelerated degradation of Cu(In,Ga)Se <sub>2</sub> solar cells revealed by positron annihilation. Physical Review Materials, 2018, 2, .	2.4	7
3	Research Update: Atmospheric pressure spatial atomic layer deposition of ZnO thin films: Reactors, doping, and devices. APL Materials, 2015, 3, .	5.1	69
4	Recent Advances in Atmospheric Vapor-Phase Deposition of Transparent and Conductive Zinc Oxide. Chemical Vapor Deposition, 2014, 20, 234-242.	1.3	29
5	Physical and chemical degradation behavior of sputtered aluminum doped zinc oxide layers for Cu(In,Ga)Se <sub>2</sub> solar cells. Thin Solid Films, 2014, 550, 530-540.	1.8	43
6	On the environmental stability of ZnO thin films by spatial atomic layer deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, .	2.1	25
7	High rate (~7 Å <sup>2</sup> /s), atmospheric pressure deposition of ZnO front electrode for Cu(In,Ga)Se <sub>2</sub> thin-film solar cells with efficiency beyond 15%. Progress in Photovoltaics: Research and Applications, 2013, 21, 1559-1566.	8.1	17
8	On the Effect of the Amorphous Silicon Microstructure on the Grain Size of Solid Phase Crystallized Polycrystalline Silicon. Advanced Energy Materials, 2011, 1, 401-406.	19.5	21