

Volker Steenhoff

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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papers

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ext. papers

119

ext. citations

6.2

avg, IF

2.18

L-index

#	Paper	IF	Citations
9	Ultrathin Resonant-Cavity-Enhanced Solar Cells with Amorphous Germanium Absorbers. <i>Advanced Optical Materials</i> , 2015 , 3, 182-186	8.1	33
8	Comparison of Ag and SiO ₂ Nanoparticles for Light Trapping Applications in Silicon Thin Film Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3302-6	6.4	13
7	Ultrathin Resonant-Cavity-Enhanced Amorphous Germanium Solar Cells on ZnO Honeycomb Electrodes. <i>IEEE Journal of Photovoltaics</i> , 2018 , 8, 3-7	3.7	12
6	Resonant-cavity-enhanced a-Ge:H nanoabsorber solar cells for application in multijunction devices. <i>Nano Energy</i> , 2016 , 27, 658-663	17.1	11
5	Integration of a-Ge:H nanocavity solar cells in tandem devices. <i>Solar Energy Materials and Solar Cells</i> , 2016 , 145, 148-153	6.4	10
4	Laser perforated ultrathin metal films for transparent electrode applications. <i>Optics Express</i> , 2015 , 23, A254-62	3.3	7
3	Optimized Optical Field Profile in Resonant-Cavity-Enhanced a-Ge:H Nanoabsorber Solar Cells for Tandem Cell Application. <i>IEEE Journal of Photovoltaics</i> , 2017 , 7, 3-10	3.7	6
2	Two-Dimensional Absorbers for Solar Windows: A Simulation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2019 , 74, 683-688	1.4	4
1	Nanostructuring Solar Cells Using Metallic Nanoparticles 2019 , 197-221		3