

Matteo Valentini

List of Publications by Year in descending order

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papers

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1039406

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docs citations

9
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656
citing authors

#	ARTICLE	IF	CITATIONS
1	CZTS stoichiometry effects on the band gap energy. Journal of Alloys and Compounds, 2014, 582, 528-534.	2.8	146
2	Back and front contacts in kesterite solar cells: state-of-the-art and open questions. JPhys Energy, 2019, 1, 044005.	2.3	57
3	Fabrication of Cu ₂ ZnSnS ₄ solar cells by sulfurization of evaporated precursors. Energy Procedia, 2011, 10, 187-191.	1.8	44
4	Cation Disorder In Cu ₂ ZnSnS ₄ Thin Films: Effect On Solar Cell Performances. Solar Rrl, 2017, 1, 1700101.	3.1	34
5	Fabrication of monolithic CZTS/Si tandem cells by development of the intermediate connection. Solar Energy, 2019, 190, 414-419.	2.9	33
6	Electronic structure of Ar ⁺ ion-sputtered thin-film MoS ₂ : A XPS and IPES study. Applied Surface Science, 2017, 392, 795-800.	3.1	31
7	Stoichiometry effect on Cu ₂ ZnSnS ₄ thin films morphological and optical properties. Journal of Renewable and Sustainable Energy, 2014, 6, .	0.8	28
8	The effect of Co doping on the conductive properties of ferromagnetic Zn _x Co _{1-x} O films. Journal of Materials Chemistry C, 2015, 3, 10188-10194.	2.7	17
9	Study and optimization of alternative MBE-deposited metallic precursors for highly efficient kesterite CZTSe:Ge solar cells. Progress in Photovoltaics: Research and Applications, 2019, 27, 779-788.	4.4	12