

Franziska Maculewicz

List of Publications by Year in descending order

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6
papers

143
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the zT value of thermoelectrics by nanostructuring: tuning the nanoparticle morphology of Sb ₂ Te ₃ by using ionic liquids. Dalton Transactions, 2017, 46, 656-668.	3.3	42
2	High Temperature Thermoelectric Device Concept Using Large Area PN Junctions. Journal of Electronic Materials, 2014, 43, 2376-2383.	2.2	36
3	Record figure of merit values of highly stoichiometric Sb ₂ Te ₃ porous bulk synthesized from tailor-made molecular precursors in ionic liquids. Journal of Materials Chemistry C, 2015, 3, 10375-10380.	5.5	31
4	Efficient p-n junction-based thermoelectric generator that can operate at extreme temperature conditions. Journal Physics D: Applied Physics, 2018, 51, 014005.	2.8	20
5	Thermoelectrics versus thermophotovoltaics: two approaches to convert heat fluxes into electricity. Journal Physics D: Applied Physics, 2019, 52, 275501.	2.8	9
6	Experimental evidence for the separation of thermally excited bipolar charge carries within a p-n junction: A new approach to thermoelectric materials and generators. Journal of Applied Physics, 2019, 125, .	2.5	5