

Mehran Rafiee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5872011/publications.pdf>

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6
papers

123
citations

2258059

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2272923

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6
docs citations

6
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Small and large scale plasmonically enhanced luminescent solar concentrator for photovoltaic applications: modelling, optimisation and sensitivity analysis. Optics Express, 2021, 29, 15031.	3.4	8
2	Optimized 3D Finite-Difference-Time-Domain Algorithm to Model the Plasmonic Properties of Metal Nanoparticles with Near-Unity Accuracy. Chemosensors, 2021, 9, 114.	3.6	2
3	Unified Methodology for Fabrication and Quantification of Gold Nanorods, Gold Core Silver Shell Nanocuboids, and Their Polymer Nanocomposites. Langmuir, 2019, 35, 13011-13019.	3.5	10
4	An overview of various configurations of Luminescent Solar Concentrators for photovoltaic applications. Optical Materials, 2019, 91, 212-227.	3.6	102
5	Towards Reducing Computational Costs of Finite Difference Time Domain Algorithm in Plasmonic Optical Properties Modelling of Metal Nanoparticles. Materials Science Forum, 0, 995, 203-208.	0.3	1
6	Doping Concentration Tuning and Plasmonic Optical Properties Modelling of Metal Nano Particles Utilizing FDTD Method. Materials Science Forum, 0, 995, 197-202.	0.3	0