

Seyed Milad Mahpeykar

List of Publications by Year in descending order

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9
papers

172
citations

1305906

8
h-index

1637695

9
g-index

9
all docs

9
docs citations

9
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse Opal Photonic Crystals as an Optofluidic Platform for Fast Analysis of Hydrocarbon Mixtures. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20120-20127.	4.0	9
2	Optoelectronic engineering of colloidal quantum-dot solar cells beyond the efficiency black hole: a modeling approach. <i>Proceedings of SPIE</i> , 2017, , .	0.8	1
3	Digital microelectromechanical sensor with an engineered polydimethylsiloxane (PDMS) bridge structure. <i>Nanoscale</i> , 2017, 9, 1257-1262.	2.8	12
4	Cellulose Nanocrystal:Polymer Hybrid Optical Diffusers for Index Matching Free Light Management in Optoelectronic Devices. <i>Advanced Optical Materials</i> , 2017, 5, 1700430.	3.6	43
5	Cellulose nanocrystals as host matrix and waveguide materials for recyclable luminescent solar concentrators. <i>RSC Advances</i> , 2017, 7, 32436-32441.	1.7	18
6	Numerical Study of Complementary Nanostructures for Light Trapping in Colloidal Quantum Dot Solar Cells. <i>Nanomaterials</i> , 2016, 6, 55.	1.9	10
7	Stretchable Hexagonal Diffraction Gratings as Optical Diffusers for In Situ Tunable Broadband Photon Management. <i>Advanced Optical Materials</i> , 2016, 4, 1106-1114.	3.6	32
8	Strain sensors on water-soluble cellulose nanofibril paper by polydimethylsiloxane (PDMS) stencil lithography. <i>RSC Advances</i> , 2016, 6, 85427-85433.	1.7	26
9	Resonance-induced absorption enhancement in colloidal quantum dot solar cells using nanostructured electrodes. <i>Optics Express</i> , 2014, 22, A1576.	1.7	21