

Steven Larson

List of Publications by Year in Descending Order

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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.

13
papers

152
citations

9
h-index

12
g-index

14
ext. papers

199
ext. citations

4.7
avg, IF

3.33
L-index

#	Paper	IF	Citations
13	High-Sensitive Assay of Nucleic Acid Using Tetrahedral DNA Probes and DNA Concatamers with a Surface-Enhanced Raman Scattering/Surface Plasmon Resonance Dual-Mode Biosensor Based on a Silver Nanorod-Covered Silver Nanohole Array. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 31242-31254	9.5	16
12	Generalized ellipsometry characterization of Ag nanorod arrays prepared by oblique angle deposition. <i>Nanotechnology</i> , 2020 , 31, 075705	3.4	
11	Enhanced neuronal differentiation of neural stem cells with mechanically enhanced touch-spun nanofibrous scaffolds. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102152	6	10
10	Composition Effects on Ultrafast Optical Properties of CuxOy Thin Films: A Transient Absorption Study. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24908-24918	3.8	7
9	The extraordinary optical transmission and sensing properties of Ag/Ti composite nanohole arrays. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 3771-3780	3.6	19
8	Improving LSPR sensing performance using multilayered composition graded Ag-Cu nanotriangle arrays. <i>Chemical Communications</i> , 2019 , 55, 1342-1344	5.8	10
7	Dipole Radiation-Induced Extraordinary Optical Transmission for Silver Nanorod-Covered Silver Nanohole Arrays. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 5634-5641	3.8	12
6	Localized Surface Plasmonic Resonance and Sensing Properties of Ag/MgF2 Composite Nanotriangles. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 7374-7381	3.8	14
5	A Flexible Strategy to Fabricate Gradient Plasmonic Nanostructures. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800975	4.6	4
4	Ag-Cu mixed phase plasmonic nanostructures fabricated by shadow nanosphere lithography and glancing angle co-deposition. <i>Nanotechnology</i> , 2017 , 28, 015301	3.4	15
3	Plasmonic sensor with high figure of merit based on differential polarization spectra of elliptical nanohole array. <i>Nanoscale</i> , 2017 , 9, 14710-14721	7.7	31
2	Combinatorial fabrication of composite nanorods using oblique angle co-deposition. <i>Nanotechnology</i> , 2016 , 27, 365304	3.4	5
1	Tuning the composition of Bi x W y O nanorods towards zero bias PEC water splitting. <i>Nanotechnology</i> , 2016 , 27, 255401	3.4	9