Steven Larson

List of Publications by Citations

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