

# Claire Deeb

## List of Publications by Year in descending order

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17  
papers

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citations

759233

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docs citations

17  
times ranked

1427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time tunable lasing from plasmonic nanocavity arrays. Nature Communications, 2015, 6, 6939.	12.8	356
2	Quantitative Analysis of Localized Surface Plasmons Based on Molecular Probing. ACS Nano, 2010, 4, 4579-4586.	14.6	78
3	Plasmon-Based Free-Radical Photopolymerization: Effect of Diffusion on Nanolithography Processes. Journal of the American Chemical Society, 2011, 133, 10535-10542.	13.7	73
4	Size Dependence of the Plasmonic Near-Field Measured via Single-Nanoparticle Photoimaging. Journal of Physical Chemistry C, 2013, 117, 10669-10676.	3.1	68
5	Mapping the Electromagnetic Near-Field Enhancements of Gold Nanocubes. Journal of Physical Chemistry C, 2012, 116, 24734-24740.	3.1	41
6	Selective Functionalization of the Nanogap of a Plasmonic Dimer. ACS Photonics, 2015, 2, 121-129.	6.6	40
7	Plasmon lasers: coherent nanoscopic light sources. Physical Chemistry Chemical Physics, 2017, 19, 29731-29741.	2.8	29
8	Correlating Nanoscopic Energy Transfer and Far-Field Emission to Unravel Lasing Dynamics in Plasmonic Nanocavity Arrays. Nano Letters, 2018, 18, 1454-1459.	9.1	28
9	Off-Resonant Optical Excitation of Gold Nanorods: Nanoscale Imprint of Polarization Surface Charge Distribution. Journal of Physical Chemistry Letters, 2011, 2, 7-11.	4.6	22
10	Plasmon-based photopolymerization: near-field probing, advanced photonic nanostructures and nanophotochemistry. Journal of Optics (United Kingdom), 2014, 16, 114002.	2.2	21
11	Water-Dispersed Hydrophobic Au Nanocrystal Assemblies with a Plasmon Fingerprint. ACS Nano, 2017, 11, 7797-7806.	14.6	18
12	Optical properties of bismuth nanostructures towards the ultrathin film regime. Optical Materials Express, 2019, 9, 2924.	3.0	17
13	Influence of Cracks on the Optical Properties of Silver Nanocrystals Supracrystal Films. ACS Nano, 2019, 13, 573-581.	14.6	8
14	Critical coupling and extreme confinement in nanogap antennas. Optics Letters, 2019, 44, 4761.	3.3	6
15	Nanoscale photopolymerization induced by the enhanced optical near field of metallic nanoparticles. Proceedings of SPIE, 2009, , .	0.8	0
16	Electrically-driven optical antennas for novel light-emission processes (Conference Presentation). , 2018, , .		0
17	Investigating the optical properties of nanogap optical antennas. , 2018, , .		0