

# Adam J Bottomley

## 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.

16 papers	162 citations	7 h-index	12 g-index
21 ext. papers	196 ext. citations	6 avg, IF	2.85 L-index

#	Paper	IF	Citations
16	Thermoplasmonic Patterning of Silver Nanocrystal/Polymer Composite Thin Films (Adv. Mater. Interfaces 19/2021). <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2170107	4.6	
15	Thermoplasmonic Patterning of Silver Nanocrystal/Polymer Composite Thin Films. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100738	4.6	0
14	Shape control of silver nanoparticles and their stability on Al <sub>2</sub> O <sub>3</sub> . <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 10755-10760	7.1	5
13	Sulfuric Acid Electrolyte Impacts Palladium Chemistry at Reductive Potentials. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 9098-9106	9.6	2
12	Electrokinetically-Driven Assembly of Gold Colloids into Nanostructures for Surface-Enhanced Raman Scattering. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	5
11	Kinetic phases of Ag <sub>40</sub> Cu alloy films are accessible through photodeposition. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 711-715	13	11
10	Tracking precursor degradation during the photo-induced formation of amorphous metal oxide films. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 4544-4549	13	3
9	Utilization of hybrid plasmonic modes to investigate surface interactions between nanocubes and polymer substrates. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	4
8	Unusually Sharp Localized Surface Plasmon Resonance in Supported Silver Nanocrystals with a Thin Dielectric Coating. <i>Journal of Physical Chemistry Letters</i> , <b>2017</b> , 8, 5555-5558	6.4	6
7	Dynamics of nanocubes embedding into polymer films investigated via spatially resolved plasmon modes. <i>Nanoscale</i> , <b>2016</b> , 8, 11168-76	7.7	11
6	Reflection and Absorption Spectra of Silver Nanocubes on a Dielectric Substrate: Anisotropy, Angle, and Polarization Dependencies. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 27509-27515	3.8	16
5	Plasmonic properties of silver nanocube monolayers on high refractive index substrates. <i>Applied Physics A: Materials Science and Processing</i> , <b>2012</b> , 109, 869-872	2.6	7
4	Fine tuning of plasmonic properties of monolayers of weakly interacting silver nanocubes on thin silicon films. <i>Nanoscale</i> , <b>2012</b> , 4, 6374-82	7.7	17
3	Optimizing Refractive Index Sensitivity of Supported Silver Nanocube Monolayers. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 185-192	3.8	38
2	Plasmon-enhanced refractometry using silver nanowire coatings on tilted fibre Bragg gratings. <i>Nanotechnology</i> , <b>2012</b> , 23, 444012	3.4	28
1	Improved refractive-index sensitivity of silver-nanocube monolayers on silicon films. <i>ChemPhysChem</i> , <b>2011</b> , 12, 2912-4	3.2	8