

Adam J Bottomley

List of Publications by Citations

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Version: 2024-04-28

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