Adam J Bottomley

List of Publications by Year
in descending order

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21	214	1163065	996954
papers	citations	8	15
		h-index	g-index

21	21	21	345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimizing Refractive Index Sensitivity of Supported Silver Nanocube Monolayers. Journal of Physical Chemistry C, 2012, 116, 185-192.	3.1	44
2	Plasmon-enhanced refractometry using silver nanowire coatings on tilted fibre Bragg gratings. Nanotechnology, 2012, 23, 444012.	2.6	34
3	Fine tuning of plasmonic properties of monolayers of weakly interacting silver nanocubes on thin silicon films. Nanoscale, 2012, 4, 6374.	5.6	24
4	Reflection and Absorption Spectra of Silver Nanocubes on a Dielectric Substrate: Anisotropy, Angle, and Polarization Dependencies. Journal of Physical Chemistry C, 2014, 118, 27509-27515.	3.1	19
5	Dynamics of nanocubes embedding into polymer films investigated via spatially resolved plasmon modes. Nanoscale, 2016, 8, 11168-11176.	5.6	15
6	Kinetic phases of Agâ€“Cu alloy films are accessible through photodeposition. Journal of Materials Chemistry A, 2019, 7, 711-715.	10.3	12
7	Shape control of silver nanoparticles and their stability on Al₂O₃. Journal of Materials Chemistry C, 2020, 8, 10755-10760.	5.5	11
8	Electrokinetically-Driven Assembly of Gold Colloids into Nanostructures for Surface-Enhanced Raman Scattering. Nanomaterials, 2020, 10, 661.	4.1	11
9	Plasmonic properties of silver nanocube monolayers on high refractive index substrates. Applied Physics A: Materials Science and Processing, 2012, 109, 869-872.	2.3	9
10	Improved Refractiveâ€Index Sensitivity of Silverâ€Nanocube Monolayers on Silicon Films. ChemPhysChem, 2011, 12, 2912-2914.	2.1	8
11	Utilization of hybrid plasmonic modes to investigate surface interactions between nanocubes and polymer substrates. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	6
12	Unusually Sharp Localized Surface Plasmon Resonance in Supported Silver Nanocrystals with a Thin Dielectric Coating. Journal of Physical Chemistry Letters, 2017, 8, 5555-5558.	4.6	6
13	Tracking precursor degradation during the photo-induced formation of amorphous metal oxide films. Journal of Materials Chemistry A, 2018, 6, 4544-4549.	10.3	6
14	Sulfuric Acid Electrolyte Impacts Palladium Chemistry at Reductive Potentials. Chemistry of Materials, 2020, 32, 9098-9106.	6.7	5
15	Thermoplasmonic Patterning of Silver Nanocrystal/Polymer Composite Thin Films. Advanced Materials Interfaces, 2021, 8, 2100738.	3.7	3
16	Design of plasmonic enhanced silicon-based solar cells. , 2012, , .		1
17	Improving photovoltaic devices using silver nanocubes. Proceedings of SPIE, 2013, , .	0.8	0
18	Plasmonic properties of weakly interacting silver nanocubes on high refractive index substrates. Proceedings of SPIE, 2013, , .	0.8	0

#	Article	IF	Citations
19	Plasmonic properties of silver nanocube monolayers deposited on thin metal films. Proceedings of SPIE, 2014, , .	0.8	0
20	Thermoplasmonic Patterning of Silver Nanocrystal/Polymer Composite Thin Films (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	3.7	0
21	Silver Nanowire Coated Tilted Fibre Bragg Gratings. , 2012, , .		0