

Claire Mangeney

List of Publications by Year in descending order

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17
papers

743
citations

623734

14
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-induced Electromagnetic Coupling in Gold/Polymer Hybrid Plasmonic Structures Probed by Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2010, 4, 6491-6500.	14.6	119
2	Protein-Functionalized Hairy Diamond Nanoparticles. <i>Langmuir</i> , 2009, 25, 9633-9638.	3.5	110
3	Inverse Opals of Molecularly Imprinted Hydrogels for the Detection of Bisphenol A and pH Sensing. <i>Langmuir</i> , 2012, 28, 1005-1012.	3.5	91
4	Functionalization of Aluminum Nanoparticles Using a Combination of Aryl Diazonium Salt Chemistry and Iniferter Method. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26000-26006.	3.1	56
5	Introduction of a planar defect in a molecularly imprinted photonic crystal sensor for the detection of bisphenol A. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 18-23.	9.4	55
6	Tailoring the Surface Chemistry of Gold Nanorods through Au-C/Ag-C Covalent Bonds Using Aryl Diazonium Salts. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19098-19105.	3.1	54
7	Photonic crystal pH sensor containing a planar defect for fast and enhanced response. <i>Journal of Materials Chemistry</i> , 2011, 21, 13052.	6.7	52
8	Water-soluble plasmonic nanosensors with synthetic receptors for label-free detection of folic acid. <i>Chemical Communications</i> , 2015, 51, 9678-9681.	4.1	42
9	Micro-patterned anti-icing coatings with dual hydrophobic/hydrophilic properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19353-19357.	10.3	30
10	Tunable Electromagnetic Coupling in Plasmonic Nanostructures Mediated by Thermoresponsive Polymer Brushes. <i>Langmuir</i> , 2015, 31, 12830-12837.	3.5	28
11	Grafting of polymeric platforms on gold by combining the diazonium salt chemistry and the photoiniferter method. <i>Polymer</i> , 2015, 57, 12-20.	3.8	23
12	Imprinted Photonic Hydrogels for the Size- and Shell-Selective Recognition of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9710-9714.	13.8	23
13	Acidity of hydrogen chloride at the surface of low-temperature (40-150 K) water-ice films. <i>Physical Review B</i> , 2002, 65, .	3.2	22
14	Elaboration of hybrid silica particles using a diazonium salt chemistry approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 439, 145-150.	4.7	20
15	Functionalization of magnetic nanocrystals by oligo (ethylene oxide) chains carrying diazonium and iniferter end groups. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 210-214.	9.4	13
16	Imprinted Photonic Hydrogels for the Size- and Shell-Selective Recognition of Nanoparticles. <i>Angewandte Chemie</i> , 2017, 129, 9842-9846.	2.0	5
17	Imprinted Polymer Inverse Opals for the Detection of Nanoparticles. , 2019, , .		0