

Edurne Tellechea Malda

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

375
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Chemical Sensing Unit Integration for Parallel Optical Interrogation. <i>Sensors</i> , 2019, 19, 878.	3.8	5
2	A compact multichannel spectrometer for label-free monitoring of biochips for point-of-care testing. , 2019, , .		0
3	Comparison of four functionalization methods of gold nanoparticles for enhancing the enzyme-linked immunosorbent assay (ELISA). <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 244-253.	2.8	57
4	LSPR Cuvette for Real-Time Biosensing by Using a Common Spectrophotometer. <i>IEEE Sensors Journal</i> , 2016, 16, 4158-4165.	4.7	9
5	Regenerable Plasmonic Biosensor Based on Gold Nanolines Pattern and Common Laboratory Spectrophotometer. <i>IEEE Nanotechnology Magazine</i> , 2014, 13, 308-315.	2.0	11
6	Evaluation of the anti-nitrative effect of plant antioxidants using a cowpea Fe-superoxide dismutase as a target. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 356-364.	5.8	4
7	Conjugation of Active Iron Superoxide Dismutase to Nanopatterned Surfaces. <i>IEEE Transactions on Nanobioscience</i> , 2012, 11, 176-180.	3.3	3
8	Adsorbed liposome deformation studied with quartz crystal microbalance. <i>Journal of Chemical Physics</i> , 2012, 136, 084702.	3.0	61
9	Engineering the Interface between Glucose Oxidase and Nanoparticles. <i>Langmuir</i> , 2012, 28, 5190-5200.	3.5	42
10	Analysis of peroxidase activity of rice (<i>Oryza sativa</i>) recombinant hemoglobin 1: Implications for in vivo function of hexacoordinate non-symbiotic hemoglobins in plants. <i>Phytochemistry</i> , 2010, 71, 21-26.	2.9	20
11	Model-Independent Analysis of QCM Data on Colloidal Particle Adsorption. <i>Langmuir</i> , 2009, 25, 5177-5184.	3.5	133
12	Correlation between temperatureâ€“pressure dependence of the $\hat{\tau}$ -relaxation and configurational entropy for a glass-forming polymer. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 2616-2621.	3.1	30