

Celine I L Justino

List of Publications by Year in descending order

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24
papers

2,011
citations

471371

17
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610775

24
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docs citations

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times ranked

3491
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene based sensors and biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 91, 53-66.	5.8	425
2	Recent Progress in Biosensors for Environmental Monitoring: A Review. <i>Sensors</i> , 2017, 17, 2918.	2.1	255
3	Recent developments in recognition elements for chemical sensors and biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 68, 2-17.	5.8	242
4	Review of analytical figures of merit of sensors and biosensors in clinical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1172-1183.	5.8	220
5	Critical overview on the application of sensors and biosensors for clinical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 36-60.	5.8	113
6	Advances in point-of-care technologies with biosensors based on carbon nanotubes. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 24-36.	5.8	105
7	Strategies for enhancing the analytical performance of nanomaterial-based sensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 47, 27-36.	5.8	103
8	Olive oil mill wastewaters before and after treatment: a critical review from the ecotoxicological point of view. <i>Ecotoxicology</i> , 2012, 21, 615-629.	1.1	97
9	Disposable sensors for environmental monitoring of lead, cadmium and mercury. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 64, 183-190.	5.8	82
10	Label-free disposable immunosensor for detection of atrazine. <i>Talanta</i> , 2016, 146, 430-434.	2.9	69
11	Disposable immunosensors for C-reactive protein based on carbon nanotubes field effect transistors. <i>Talanta</i> , 2013, 108, 165-170.	2.9	42
12	Direct-reading methods for analysis of volatile organic compounds and nanoparticles in workplace air. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 53, 21-32.	5.8	41
13	Sensors and biosensors for monitoring marine contaminants. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 6-7, 21-30.	5.3	38
14	Immunosensors in Clinical Laboratory Diagnostics. <i>Advances in Clinical Chemistry</i> , 2016, 73, 65-108.	1.8	33
15	Development of an electrochemical biosensor for alkylphenol detection. <i>Talanta</i> , 2016, 158, 30-34.	2.9	28
16	Analytical applications of affibodies. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 65, 73-82.	5.8	26
17	Disposable biosensor for detection of iron (III) in wines. <i>Talanta</i> , 2016, 154, 80-84.	2.9	17
18	Removal of the organic content from a bleached kraft pulp mill effluent by a treatment with silica-alginate-fungi biocomposites. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 166-172.	0.9	16

#	ARTICLE	IF	CITATIONS
19	Green analytical methodologies for the discovery of bioactive compounds from marine sources. Trends in Environmental Analytical Chemistry, 2014, 3-4, 43-52.	5.3	16
20	Assessment of cardiovascular disease risk using immunosensors for determination of C-reactive protein levels in serum and saliva: a pilot study. Bioanalysis, 2014, 6, 1459-1470.	0.6	14
21	Sampling and characterization of nanoaerosols in different environments. TrAC - Trends in Analytical Chemistry, 2011, 30, 554-567.	5.8	12
22	Optical fiber based methodology for assessment of thiocyanate in seawater. Journal of Environmental Monitoring, 2011, 13, 1811.	2.1	7
23	Screening of single-walled carbon nanotubes by optical fiber sensing. Talanta, 2012, 89, 105-108.	2.9	7
24	Effects of geometry parameters of NTFET devices on the I_{DS}^2/V measurements. Solid-State Electronics, 2013, 81, 32-34.	0.8	3