

Raquel Barbosa QueirÃ³s

List of Publications by Year in descending order

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26
papers

443
citations

840119

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26
docs citations

26
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel label-free electrochemical immunosensor for detection of surfactant protein B in amniotic fluid. <i>Talanta</i> , 2023, 251, 123744.	2.9	3
2	Portable sensing system based on electrochemical impedance spectroscopy for the simultaneous quantification of free and total microcystin-LR in freshwaters. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111550.	5.3	26
3	Electrochemical Immunosensor for TNF α -Mediated Inflammatory Disease Screening. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2676-2682.	1.7	19
4	Adapting Bobbert-Vlieger model to spectroscopic ellipsometry of gold nanoparticles with bio-organic shells. <i>Biomedical Optics Express</i> , 2017, 8, 3538.	1.5	3
5	Aptamer-based fiber sensor for thrombin detection. <i>Journal of Biomedical Optics</i> , 2016, 21, 087005.	1.4	35
6	Optical Fiber Tweezers Fabricated by Guided Wave Photo-Polymerization. <i>Photonics</i> , 2015, 2, 634-645.	0.9	18
7	Self-referenced label free biosensors based on differential fiber optic interferometry. , 2014, , .		0
8	Fiber optical beam shaping using polymeric structures. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
9	DNA-Aptamer optical biosensors based on a LPG-SPR optical fiber platform for point-of-care diagnostic. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
10	Rapid fabrication of polymeric micro lenses for optical fiber trapping and beam shaping. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
11	Evanescence wave DNA-aptamer biosensor based on long period gratings for the specific recognition of <i>E. coli</i> outer membrane proteins. <i>Biosensors and Bioelectronics</i> , 2014, 62, 227-233.	5.3	47
12	Recycling old screen-printed electrodes with newly designed plastic antibodies on the wall of carbon nanotubes as sensory element for in situ detection of bacterial toxins in water. <i>Sensors and Actuators B: Chemical</i> , 2013, 189, 21-29.	4.0	22
13	A label-free DNA aptamer-based impedance biosensor for the detection of <i>E. coli</i> outer membrane proteins. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 766-772.	4.0	69
14	Host-Tailored Sensors for Leucomalachite Green Potentiometric Measurements. <i>Journal of Chemistry</i> , 2013, 2013, 1-13.	0.9	6
15	Evanescence wave DNA-aptamer biosensor based on long period gratings for the specific recognition of <i>E. coli</i> . <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
16	A long period grating-based platform for the detection of <i>E. coli</i> proteins. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
17	Assessing and Comparing the Total Antioxidant Capacity of Commercial Beverages: Application to Beers, Wines, Waters and Soft Drinks Using TRAP, TEAC and FRAP Methods. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 22-31.	0.6	24
18	Label-free Detection of Microcystin-LR in Waters Using Real-Time Potentiometric Biosensors Based on Single-Walled Carbon Nanotubes Imprinted Polymers. <i>Procedia Engineering</i> , 2012, 47, 758-761.	1.2	3

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19	Determination of Microcystin-LR in waters in the subnanomolar range by sol-gel imprinted polymers on solid contact electrodes. <i>Analyst</i> , 2012, 137, 2437.	1.7	11
20	Optimizing potentiometric ionophore and electrode design for environmental on-site control of antibiotic drugs: Application to sulfamethoxazole. <i>Biosensors and Bioelectronics</i> , 2012, 35, 319-326.	5.3	11
21	Microcystin-LR detection in water by the Fabry-Perot interferometer using an optical fibre coated with a sol-gel imprinted sensing membrane. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3932-3937.	5.3	39
22	Optical cavity fibre sensor for detection of microcystin-LR in water. , 2010, , .		3
23	Sensors for the Detection and Quantification of Bacterial Contamination in Water for Human Use. <i>Advanced Engineering Materials</i> , 2010, 12, B175.	1.6	4
24	Control and comparison of the antioxidant capacity of beers. <i>Food Research International</i> , 2010, 43, 1702-1709.	2.9	61
25	On the concentration-driven methylene blue dimerization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 295-300.	2.0	37
26	Rapid Determination of Tartaric Acid in Wines. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009, 12, 712-722.	0.6	1