

Andrea Ravalli

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

608
citations

759233

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996975

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17
all docs

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17
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	New label free CA125 detection based on gold nanostructured screen-printed electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 179, 194-200.	7.8	96
2	A label-free electrochemical affisensor for cancer marker detection: The case of HER2. <i>Bioelectrochemistry</i> , 2015, 106, 268-275.	4.6	81
3	Smartphone-based immunosensor for CA125 detection. <i>Talanta</i> , 2017, 166, 234-240.	5.5	69
4	Electrochemical, Electrochemiluminescence, and Photoelectrochemical Aptamer-Based Nanostructured Sensors for Biomarker Analysis. <i>Biosensors</i> , 2016, 6, 39.	4.7	59
5	CA125 Immunosensor Based on Polyanthranilic Acid Modified ScreenPrinted Electrodes. <i>Electroanalysis</i> , 2013, 25, 269-277.	2.9	58
6	Colorimetric multienzymatic smart sensors for hydrogen peroxide, glucose and catechol screening analysis. <i>Talanta</i> , 2019, 204, 525-532.	5.5	45
7	Gold and Magnetic Nanoparticles-Based Electrochemical Biosensors for Cancer Biomarker Determination. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3307-3319.	0.9	44
8	In vitro assessment of antibody-conjugated gold nanorods for systemic injections. <i>Journal of Nanobiotechnology</i> , 2014, 12, 55.	9.1	41
9	A DNA Aptasensor for Electrochemical Detection of Vascular Endothelial Growth Factor. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3411-3416.	0.9	35
10	An Optimized Bioassay for Mucin1 Detection in Serum Samples. <i>Electroanalysis</i> , 2015, 27, 1594-1601.	2.9	28
11	Bio-inspired fish robot based on chemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 325-329.	7.8	28
12	Design of an Affibody-Based Recognition Strategy for Human Epidermal Growth Factor Receptor 2 (HER2) Detection by Electrochemical Biosensors. <i>Chemosensors</i> , 2016, 4, 23.	3.6	19
13	Piezoelectric PZT nanodevices from a hybrid ligand burning method. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1791-1800.	1.9	1
14	Polyaniline Modified Thin-film Array for Sensor Applications. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 123-127.	0.4	1
15	Electrochemical Immunoassay for Mucin 1 Detection as a Diagnostic Tool in Ovarian Cancer. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 165-168.	0.4	0