

Monica Revenga-Parra

List of Publications by Year in descending order

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papers

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567281

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citing authors

#	ARTICLE	IF	CITATIONS
1	2D MoS ₂ nanosheets and hematein complexes deposited on screen-printed graphene electrodes as an efficient electrocatalytic sensor for detecting hydrazine. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130385.	7.8	21
2	One-step reduced/quinone functionalized graphene oxide as reagentless lactate biosensing platform. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 533-541.	7.8	13
3	Reagent-Less and Robust Biosensor for Direct Determination of Lactate in Food Samples. <i>Sensors</i> , 2017, 17, 144.	3.8	32
4	Nanostructured electrochemical detector for the quantification of amino acids related to metabolic diseases. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 773-780.	7.8	15
5	Insulin sensor based on nanoparticle-decorated multiwalled carbon nanotubes modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 331-338.	7.8	44
6	Diazonium salt click chemistry based multiwall carbon nanotube electrocatalytic platforms. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 559-568.	7.8	12
7	Highly dense nickel hydroxide nanoparticles catalyst electrodeposited from a novel Ni(II) paddle-wheel complex. <i>Journal of Catalysis</i> , 2015, 329, 22-31.	6.2	11
8	Electrografting of N,N-dimethylphenothiazin-5-ium-3,7-diamine (Azure A) diazonium salt forming electrocatalytic organic films on gold or graphene oxide gold hybrid electrodes. <i>Electrochimica Acta</i> , 2014, 116, 59-68.	5.2	23
9	Simple diazonium chemistry to develop specific gene sensing platforms. <i>Analytica Chimica Acta</i> , 2014, 813, 41-47.	5.4	13
10	Nanostructured rough gold electrodes as platforms to enhance the sensitivity of electrochemical genosensors. <i>Analytica Chimica Acta</i> , 2013, 788, 141-147.	5.4	18
11	Grafted Azure A modified electrodes as disposable \hat{I}^2 -nicotinamide adenine dinucleotide sensors. <i>Analytica Chimica Acta</i> , 2012, 747, 84-91.	5.4	31
12	Disposable DNA biosensor based on thin-film gold electrodes for selective Salmonella detection. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 1030-1037.	7.8	29
13	Interactions of Schiff-base ligands with gold nanoparticles: structural, optical and electrocatalytic studies. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 5668.	2.8	11
14	Electrochemical DNA base pairs quantification and endonuclease cleavage detection. <i>Biosensors and Bioelectronics</i> , 2011, 27, 40-45.	10.1	10
15	Effects of Ionic Strength and Probe DNA Length on the Electrochemical Impedance Spectroscopic Response of Biosensors. <i>Electroanalysis</i> , 2011, 23, 100-107.	2.9	19
16	Disposable sensors for rapid screening of mutated genes. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1385-1393.	3.7	14
17	Electrocatalytic oxidation of methanol and other short chain aliphatic alcohols on glassy carbon electrodes modified with conductive films derived from NiII-(N,N-bis(2,5-dihydroxybenzylidene)-1,2-diaminobenzene). <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 730-738.	7.8	64
18	Architectures based on the use of gold nanoparticles and ruthenium complexes as a new route to improve genosensor sensitivity. <i>Biosensors and Bioelectronics</i> , 2008, 24, 184-190.	10.1	28

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19	Single-Mismatch Position-Sensitive Detection of DNA Based on a Bifunctional Ruthenium Complex. <i>Analytical Chemistry</i> , 2008, 80, 77-84.	6.5	47
20	Dual-Stage DNA Sensing: Recognition and Detection. <i>Analytical Chemistry</i> , 2008, 80, 9443-9449.	6.5	16
21	Comprehensive study of interactions between DNA and new electroactive Schiff base ligandsApplication to the detection of singly mismatched <i>Helicobacter pylori</i> sequences. <i>Biosensors and Bioelectronics</i> , 2007, 22, 2675-2681.	10.1	34
22	Synthesis and electrocatalytic activity towards oxidation of hydrazine of a new family of hydroquinone salophen derivatives: application to the construction of hydrazine sensors. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 678-687.	7.8	73