

MarÃ-a Laura Pedano

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,493
citations

566801

15
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

2093
citing authors

#	ARTICLE	IF	CITATIONS
1	Deprotonation of Glyphosate Studied with X-ray Photoelectron Spectroscopy. <i>Materials Today: Proceedings</i> , 2019, 14, 117-121.	0.9	3
2	Development and characterisation of self-assembled graphene hydrogel-based anodes for bioelectrochemical systems. <i>RSC Advances</i> , 2018, 8, 26755-26763.	1.7	7
3	SPR Biosensing MUA/Poly-L-lysine Platform for the Detection of 2,4-Dinitrophenol as Small Molecule Model System. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-9.	1.5	1
4	Electrochemical Sensor for the Quantification of Dopamine Using Glassy Carbon Electrodes Modified with Single-Wall Carbon Nanotubes Covalently Functionalized with Polylysine. <i>Electroanalysis</i> , 2015, 27, 1565-1571.	1.5	13
5	Electrochemical Determination of Cu(II) Using a Glassy Carbon Electrode Modified with Multiwall Carbon Nanotubes Dispersed in Polyhistidine. <i>Electroanalysis</i> , 2015, 27, 2164-2170.	1.5	14
6	Single-Wall Carbon Nanotubes Covalently Functionalized with Polylysine: Synthesis, Characterization and Analytical Applications for the Development of Electrochemical (Bio)Sensors. <i>Electroanalysis</i> , 2014, 26, 1676-1683.	1.5	14
7	Comparative study of the electrochemical behavior and analytical applications of (bio)sensing platforms based on the use of multi-walled carbon nanotubes dispersed in different polymers. <i>Analytica Chimica Acta</i> , 2013, 805, 19-35.	2.6	56
8	Graphene paste electrode: Electrochemical behavior and analytical applications for the quantification of NADH. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 921-926.	4.0	54
9	Supramolecular architecture based on the self-assembling of multiwall carbon nanotubes dispersed in polyhistidine and glucose oxidase: Characterization and analytical applications for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2013, 39, 76-81.	5.3	28
10	Dispersion of multi-wall carbon nanotubes in polyhistidine: Characterization and analytical applications. <i>Analytica Chimica Acta</i> , 2012, 710, 58-64.	2.6	24
11	Electrochemical determination of ascorbic acid and paracetamol in pharmaceutical formulations using a glassy carbon electrode modified with multi-wall carbon nanotubes dispersed in polyhistidine. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 732-736.	4.0	86
12	Glassy carbon electrodes modified with a dispersion of multi-wall carbon nanotubes in dopamine-functionalized polyethylenimine: Characterization and analytical applications for nicotinamide adenine dinucleotide quantification. <i>Electrochimica Acta</i> , 2012, 71, 73-81.	2.6	32
13	Periodic Electric Field Enhancement Along Gold Rods with Nanogaps. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 78-82.	7.2	41
14	Alignment Strategies for the Assembly of Nanowires with Submicron Diameters. <i>Small</i> , 2010, 6, 1736-1740.	5.2	25
15	Adsorption and Electrooxidation of DNA at Glassy Carbon Paste Electrodes. <i>Analytical Letters</i> , 2010, 43, 1703-1712.	1.0	4
16	Gap Structure Effects on Surface-Enhanced Raman Scattering Intensities for Gold Gapped Rods. <i>Nano Letters</i> , 2010, 10, 1722-1727.	4.5	103
17	Characterization of DNA Layers Adsorbed on Glassy Carbon Electrodes. <i>Electroanalysis</i> , 2008, 20, 739-749.	1.5	2
18	Carbon nanotubes for electrochemical biosensing. <i>Talanta</i> , 2007, 74, 291-307.	2.9	513

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19	Carbon Nanotubes Paste Electrodes. A New Alternative for the Development of Electrochemical Sensors. <i>Electroanalysis</i> , 2007, 19, 823-831.	1.5	87
20	Immobilization of DNA at Glassy Carbon Electrodes: A Critical Study of Adsorbed Layer. <i>Sensors</i> , 2005, 5, 424-447.	2.1	25
21	Electrochemical Biosensors for Sequence-Specific DNA Detection. <i>Analytical Letters</i> , 2005, 38, 2653-2703.	1.0	37
22	Adsorption and electrooxidation of nucleic acids at carbon nanotubes paste electrodes. <i>Electrochemistry Communications</i> , 2004, 6, 10-16.	2.3	234
23	Layer-by-Layer Deposition of Chitosan Derivatives and DNA on Gold Surfaces for the Development of Biorecognition Layers. <i>Analytical Letters</i> , 2004, 37, 2235-2250.	1.0	16
24	Immobilization of DNA on glassy carbon electrodes for the development of affinity biosensors. <i>Biosensors and Bioelectronics</i> , 2003, 18, 269-277.	5.3	60
25	Amperometric biosensor for the quantification of gentisic acid using polyphenol oxidase modified carbon paste electrode. <i>Talanta</i> , 2000, 53, 489-495.	2.9	10