Mara Laura Pedano

List of Publications by Year in Descending Order

26 papers	1,325 citations	15 h-index	26 g-index
26 ext. papers	1,398 ext. citations	5.9 avg, IF	4.14 L-index

#	Paper	IF	Citations
26	Deprotonation of Glyphosate Studied with X-ray Photoelectron Spectroscopy. *Materials Today: Proceedings*, **2019**, 14, 117-121	1.4	0
25	Development and characterisation of self-assembled graphene hydrogel-based anodes for bioelectrochemical systems.. *RSC Advances*, **2018**, 8, 26755-26763	3.7	5
24	SPR Biosensing MUA/Poly-L-lysine Platform for the Detection of 2,4-Dinitrophenol as Small Molecule Model System. *Journal of Nanomaterials*, **2016**, 2016, 1-9	3.2	1
23	Electrochemistry in One Dimension: Applications of Carbon Nanotubes. *Advances in Electrochemical Science and Engineering*, **2015**, 83-120		3
22	Electrochemical Sensor for the Quantification of Dopamine Using Glassy Carbon Electrodes Modified with Single-Wall Carbon Nanotubes Covalently Functionalized with Polylysine. *Electroanalysis*, **2015**, 27, 1565-1571	3	10
21	Electrochemical Determination of Cu(II) Using a Glassy Carbon Electrode Modified with Multiwall Carbon Nanotubes Dispersed in Polyhistidine. *Electroanalysis*, **2015**, 27, 2164-2170	3	14
20	Single-Wall Carbon Nanotubes Covalently Functionalized with Polylysine: Synthesis, Characterization and Analytical Applications for the Development of Electrochemical (Bio)Sensors. *Electroanalysis*, **2014**, 26, 1676-1683	3	13
19	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. *Analytica Chimica Acta*, **2013**, 805, 19-35	6.6	50
18	Graphene paste electrode: Electrochemical behavior and analytical applications for the quantification of NADH. *Sensors and Actuators B: Chemical*, **2013**, 176, 921-926	8.5	44
17	Supramolecular architecture based on the self-assembling of multiwall carbon nanotubes dispersed in polyhistidine and glucose oxidase: Characterization and analytical applications for glucose biosensing. *Biosensors and Bioelectronics*, **2013**, 39, 76-81	11.8	22
16	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. *Electrochimica Acta*, **2012**, 71, 73-81	6.7	30
15	Dispersion of multi-wall carbon nanotubes in polyhistidine: characterization and analytical applications. *Analytica Chimica Acta*, **2012**, 710, 58-64	6.6	21
14	Electrochemical determination of ascorbic acid and paracetamol in pharmaceutical formulations using a glassy carbon electrode modified with multi-wall carbon nanotubes dispersed in polyhistidine. *Sensors and Actuators B: Chemical*, **2012**, 173, 732-736	8.5	73
13	Adsorption and Electrooxidation of DNA at Glassy Carbon Paste Electrodes. *Analytical Letters*, **2010** , 43, 1703-1712	2.2	3
12	Gap structure effects on surface-enhanced Raman scattering intensities for gold gapped rods. *Nano Letters*, **2010**, 10, 1722-7	11.5	98
11	Periodic electric field enhancement along gold rods with nanogaps. *Angewandte Chemie - International Edition*, **2010**, 49, 78-82	16.4	36
10	Alignment strategies for the assembly of nanowires with submicron diameters. *Small*, **2010**, 6, 1736-40	11	23

List of Publications

9	Characterization of DNA Layers Adsorbed on Glassy Carbon Electrodes. *Electroanalysis*, **2008**, 20, 739-749	3	2
8	Carbon Nanotubes Paste Electrodes. A New Alternative for the Development of Electrochemical Sensors. *Electroanalysis*, **2007**, 19, 823-831	3	83
7	Carbon nanotubes for electrochemical biosensing. *Talanta*, **2007**, 74, 291-307	6.2	455
6	Electrochemical Biosensors for Sequence-Specific DNA Detection. *Analytical Letters*, **2005**, 38, 2653-2703	2.2	33
5	Immobilization of DNA at Glassy Ccarbon Electrodes: A Critical Study of Adsorbed Layer. *Sensors*, **2005**, 5, 424-447	3.8	20
4	Adsorption and electrooxidation of nucleic acids at carbon nanotubes paste electrodes. *Electrochemistry Communications*, **2004**, 6, 10-16	5.1	215
3	Layer-by-Layer Deposition of Chitosan Derivatives and DNA on Gold Surfaces for the Development of Biorecognition Layers. *Analytical Letters*, **2004**, 37, 2235-2250	2.2	13
2	Immobilization of DNA on glassy carbon electrodes for the development of affinity biosensors. *Biosensors and Bioelectronics*, **2003**, 18, 269-77	11.8	50
1	Amperometric biosensor for the quantification of gentisic acid using polyphenol oxidase modified carbon paste electrode. *Talanta*, **2000**, 53, 489-95	6.2	8