Concepcin Parrado

List of Publications by Year in Descending Order

33 papers	1,591 citations	17 h-index	33 g-index
33 ext. papers	1,722 ext. citations	5.6 avg, IF	3.92 L-index

#	Paper	IF	Citations
33	Amperometric aptasensor with sandwich-type architecture for troponin I based on carboxyethylsilanetriol-modified graphene oxide coated electrodes. *Biosensors and Bioelectronics*, **2021**, 183, 113203	11.8	9
32	Amperometric aptasensor for carcinoembryonic antigen based on the use of bifunctionalized Janus nanoparticles as biorecognition-signaling element. *Analytica Chimica Acta*, **2019**, 1061, 84-91	6.6	32
31	Dendrimers as Soft Nanomaterials for Electrochemical Immunosensors. *Nanomaterials*, **2019**, 9,	5.4	21
30	Non-covalent Functionalization of Multi-wall Carbon Nanotubes with Polyarginine: Characterization and Analytical Applications for Uric Acid Quantification. *Electroanalysis*, **2018**, 30, 1416-1424	3	7
29	Disposable amperometric immunosensor for Saccharomyces cerevisiae based on carboxylated graphene oxide-modified electrodes. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 7901-7907	4.4	9
28	Decoration of reduced graphene oxide with rhodium nanoparticles for the design of a sensitive electrochemical enzyme biosensor for 17β-estradiol. *Biosensors and Bioelectronics*, **2017**, 89, 343-351	11.8	54
27	Disposable electrochemical immunosensor for Brettanomyces bruxellensis based on nanogold-reduced graphene oxide hybrid nanomaterial. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5667-5674	4.4	14
26	Carbon nanotubes-based electrochemical (bio)sensors for biomarkers. *Applied Materials Today*, **2017**, 9, 566-588	6.6	51
25	Quantification of neurotransmitters and metabolically related compounds at glassy carbon electrodes modified with bamboo-like carbon nanotubes dispersed in double stranded DNA. *Microchemical Journal*, **2017**, 130, 40-46	4.8	10
24	Reduced graphene oxide-carboxymethylcellulose layered with platinum nanoparticles/PAMAM dendrimer/magnetic nanoparticles hybrids. Application to the preparation of enzyme electrochemical biosensors. *Sensors and Actuators B: Chemical*, **2016**, 232, 84-90	8.5	59
23	Gold nanoparticles/silver-bipyridine hybrid nanobelts with tuned peroxidase-like activity. *RSC Advances*, **2016**, 6, 74957-74960	3.7	9
22	Single-Walled Carbon Nanotubes/Au@Mesoporous Silica Janus Nanoparticles as Building Blocks for the Preparation of a Bienzyme Biosensor. *ChemElectroChem*, **2015**, 2, 1735-1741	4.3	20
21	A Layer-by-Layer Biosensing Architecture Based on Polyamidoamine Dendrimer and Carboxymethylcellulose-Modified Graphene Oxide. *Electroanalysis*, **2015**, 27, 2131-2138	3	17
20	Electrochemistry in One Dimension: Applications of Carbon Nanotubes. *Advances in Electrochemical Science and Engineering*, **2015**, 83-120		3
19	Graphene Paste Electrode: Analytical Applications for the Quantification of Dopamine, Phenolic Compounds and Ethanol. *Electroanalysis*, **2014**, 26, 1694-1701	3	17
18	Adsorption and Electrooxidation of Nucleic Acids at Glassy Carbon Electrodes Modified with Multiwalled Carbon Nanotubes Dispersed In Polylysine. *Electroanalysis*, **2013**, 25, 1116-1121	3	12
17	Microorganisms recognition and quantification by lectin adsorptive affinity impedance. *Talanta*, **2009**, 78, 1303-9	6.2	63

16	Carbon nanotubes for electrochemical biosensing. *Talanta*, **2007**, 74, 291-307	6.2	455
15	Amperometric multidetection with composite enzyme electrodes. *Talanta*, **2004**, 62, 896-903	6.2	31
14	Graphite-Teflon composite bienzyme electrodes for the determination of L-lactate: application to food samples. *Biosensors and Bioelectronics*, **1999**, 14, 505-13	11.8	74
13	Controlled release of DNA from carbon-paste microelectrodes. *Electrochemistry Communications*, **1999**, 1, 197-202	5.1	33
12	Graphite-Ethylene/Propylene/Diene Terpolymer Composite Electrodes. A New Electrode Material for Electrochemical Detection. *Electroanalysis*, **1999**, 11, 161-166	3	4
11	Microfabricated electrochemical sensor for the detection of radiation-induced DNA damage. *Analytical Chemistry*, **1997**, 69, 1457-60	7.8	66
10	Sol-gel carbon composite electrode as an amperometric detector for liquid chromatography. *Talanta*, **1997**, 44, 1929-34	6.2	37
9	Electrochemical biosensor for detecting DNA sequences from the pathogenic protozoan Cryptosporidium parvum. *Talanta*, **1997**, 44, 2003-10	6.2	46
8	Sol-gel-derived cobalt phthalocyanine-dispersed carbon composite electrodes for electrocatalysis and amperometric flow detection. *Electroanalysis*, **1997**, 9, 908-911	3	52
7	DNA electrochemical biosensors for environmental monitoring. A review. *Analytica Chimica Acta*, **1997**, 347, 1-8	6.6	228
6	Detection of point mutation in the p53 gene using a peptide nucleic acid biosensor. *Analytica Chimica Acta*, **1997**, 344, 111-118	6.6	121
5	Development of an amperometric enzyme biosensor for the determination of the antioxidant tert-butylhydroxyanisole in a medium of reversed micelles. *Electroanalysis*, **1996**, 8, 529-533	3	14
4	Complexes of Ti(IV) with Schiff Bases Containing Pyridine and N-Methylpyrrole. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1994**, 24, 1613-1629		2
3	Electrochemical synthesis of zinc(II), cadmium(II), and nickel(II) complexes of tetradentate Schiff-base ligands derived from aminothioether imidazoles. *Journal of the Chemical Society Dalton Transactions*, **1990**, 2101		12
2	The use of continuous thin layer chromatography in the study of mucopolysaccharidoses. *Journal of Inherited Metabolic Disease*, **1983**, 6, 135-136	5.4	
1	Continuous thin-layer chromatography of sugars of clinical interest in samples of urine impregnated on paper. *Journal of Chromatography A*, **1981**, 217, 357-66	4.5	9