

Concepci3n Parrado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4943066/publications.pdf>

Version: 2024-02-01

32
papers

1,903
citations

394286

19
h-index

395590

33
g-index

33
all docs

33
docs citations

33
times ranked

2367
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotubes for electrochemical biosensing. <i>Talanta</i> , 2007, 74, 291-307.	2.9	513
2	DNA electrochemical biosensors for environmental monitoring. A review. <i>Analytica Chimica Acta</i> , 1997, 347, 1-8.	2.6	277
3	Detection of point mutation in the p53 gene using a peptide nucleic acid biosensor. <i>Analytica Chimica Acta</i> , 1997, 344, 111-118.	2.6	135
4	Graphite-Teflon composite bienzyme electrodes for the determination of l-lactate: Application to food samples. <i>Biosensors and Bioelectronics</i> , 1999, 14, 505-513.	5.3	88
5	Carbon nanotubes-based electrochemical (bio)sensors for biomarkers. <i>Applied Materials Today</i> , 2017, 9, 566-588.	2.3	75
6	Microfabricated Electrochemical Sensor for the Detection of Radiation-Induced DNA Damage. <i>Analytical Chemistry</i> , 1997, 69, 1457-1460.	3.2	74
7	Reduced graphene oxide-carboxymethylcellulose layered with platinum nanoparticles/PAMAM dendrimer/magnetic nanoparticles hybrids. Application to the preparation of enzyme electrochemical biosensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 84-90.	4.0	74
8	Decoration of reduced graphene oxide with rhodium nanoparticles for the design of a sensitive electrochemical enzyme biosensor for 17 β -estradiol. <i>Biosensors and Bioelectronics</i> , 2017, 89, 343-351.	5.3	72
9	Microorganisms recognition and quantification by lectin adsorptive affinity impedance. <i>Talanta</i> , 2009, 78, 1303-1309.	2.9	68
10	Sol-gel-derived cobalt phthalocyanine-dispersed carbon composite electrodes for electrocatalysis and amperometric flow detection. <i>Electroanalysis</i> , 1997, 9, 908-911.	1.5	56
11	Electrochemical biosensor for detecting DNA sequences from the pathogenic protozoan <i>Cryptosporidium parvum</i> . <i>Talanta</i> , 1997, 44, 2003-2010.	2.9	53
12	Amperometric aptasensor for carcinoembryonic antigen based on the use of bifunctionalized Janus nanoparticles as biorecognition-signaling element. <i>Analytica Chimica Acta</i> , 2019, 1061, 84-91.	2.6	51
13	Sol-gel carbon composite electrode as an amperometric detector for liquid chromatography. <i>Talanta</i> , 1997, 44, 1929-1934.	2.9	41
14	Amperometric multidetection with composite enzyme electrodes. <i>Talanta</i> , 2004, 62, 896-903.	2.9	35
15	Dendrimers as Soft Nanomaterials for Electrochemical Immunosensors. <i>Nanomaterials</i> , 2019, 9, 1745.	1.9	35
16	Controlled release of DNA from carbon-paste microelectrodes. <i>Electrochemistry Communications</i> , 1999, 1, 197-202.	2.3	34
17	Amperometric aptasensor with sandwich-type architecture for troponin I based on carboxyethylsilanetriol-modified graphene oxide coated electrodes. <i>Biosensors and Bioelectronics</i> , 2021, 183, 113203.	5.3	28
18	Single-Walled Carbon Nanotubes/Au-Mesoporous Silica Janus Nanoparticles as Building Blocks for the Preparation of a Bienzyme Biosensor. <i>ChemElectroChem</i> , 2015, 2, 1735-1741.	1.7	26

#	ARTICLE	IF	CITATIONS
19	Graphene Paste Electrode: Analytical Applications for the Quantification of Dopamine, Phenolic Compounds and Ethanol. <i>Electroanalysis</i> , 2014, 26, 1694-1701.	1.5	20
20	A Layer-by-Layer Biosensing Architecture Based on Polyamidoamine Dendrimer and Carboxymethylcellulose-Modified Graphene Oxide. <i>Electroanalysis</i> , 2015, 27, 2131-2138.	1.5	20
21	Disposable electrochemical immunosensor for <i>Brettanomyces bruxellensis</i> based on nanogold-reduced graphene oxide hybrid nanomaterial. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5667-5674.	1.9	19
22	Development of an amperometric enzyme biosensor for the determination of the antioxidant tert-butylhydroxyanisole in a medium of reversed micelles. <i>Electroanalysis</i> , 1996, 8, 529-533.	1.5	15
23	Disposable amperometric immunosensor for <i>Saccharomyces cerevisiae</i> based on carboxylated graphene oxide-modified electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7901-7907.	1.9	15
24	Adsorption and Electrooxidation of Nucleic Acids at Glassy Carbon Electrodes Modified with Multiwalled Carbon Nanotubes Dispersed in Polylysine. <i>Electroanalysis</i> , 2013, 25, 1116-1121.	1.5	14
25	Electrochemical synthesis of zinc(II), cadmium(II), and nickel(II) complexes of tetradentate Schiff-base ligands derived from aminothioether imidazoles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2101.	1.1	12
26	Gold nanoparticles/silver-bipyridine hybrid nanobelts with tuned peroxidase-like activity. <i>RSC Advances</i> , 2016, 6, 74957-74960.	1.7	11
27	Quantification of neurotransmitters and metabolically related compounds at glassy carbon electrodes modified with bamboo-like carbon nanotubes dispersed in double stranded DNA. <i>Microchemical Journal</i> , 2017, 130, 40-46.	2.3	11
28	Continuous thin-layer chromatography of sugars of clinical interest in samples of urine impregnated on paper. <i>Journal of Chromatography A</i> , 1981, 217, 357-366.	1.8	10
29	Non-covalent Functionalization of Multi-wall Carbon Nanotubes with Polyarginine: Characterization and Analytical Applications for Uric Acid Quantification. <i>Electroanalysis</i> , 2018, 30, 1416-1424.	1.5	9
30	Graphite-Ethylene/Propylene/Diene Terpolymer Composite Electrodes. A New Electrode Material for Electrochemical Detection. <i>Electroanalysis</i> , 1999, 11, 161-166.	1.5	4
31	Complexes of Ti(IV) with Schiff Bases Containing Pyridine and N-Methylpyrrole. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1994, 24, 1613-1629.	1.8	3
32	The use of continuous thin layer chromatography in the study of mucopolysaccharidoses. <i>Journal of Inherited Metabolic Disease</i> , 1983, 6, 135-136.	1.7	1