

Hideko

List of Publications by Year in descending order

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53
papers

1,634
citations

361413

20
h-index

289244

40
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53
all docs

53
docs citations

53
times ranked

2226
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunosensor for Detection of the Textile Dye Disperse Orange 1 Based on Non-conventional Competitive Assay. <i>Electroanalysis</i> , 2020, 32, 70-75.	2.9	1
2	Biotin self-assembled monolayer for impedimetric genosensor for direct detection of HIV-1. <i>Microchemical Journal</i> , 2020, 153, 104462.	4.5	10
3	Simple, fast, and ultrasensitive method for textile dye determination based on luminol electrochemiluminescence (ECL) inhibition. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1927-1933.	2.5	9
4	Ultrasensitive Determination of Malathion Using Acetylcholinesterase Immobilized on Chitosan-Functionalized Magnetic Iron Nanoparticles. <i>Biosensors</i> , 2018, 8, 16.	4.7	48
5	Electrochemical sensor for dodecyl gallate determination based on electropolymerized molecularly imprinted polymer. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 180-186.	7.8	30
6	A Low-Cost Label-Free AFB1 Impedimetric Immunosensor Based on Functionalized CD-Trodes. <i>Chemosensors</i> , 2016, 4, 17.	3.6	10
7	Label-free impedimetric immunosensor for detection of the textile azo dye Disperse Red 1 in treated water. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 52-59.	7.8	15
8	Determination of Quercetin by a Siloxane-Polyester/Poly-L-Lysine Nanocomposite Modified Glassy Carbon Electrode. <i>Analytical Letters</i> , 2016, 49, 1398-1411.	1.8	7
9	A label-free electrochemical affisensor for cancer marker detection: The case of HER2. <i>Bioelectrochemistry</i> , 2015, 106, 268-275.	4.6	81
10	A label-free impedimetric immunosensor for direct determination of the textile dye Disperse Orange 1. <i>Talanta</i> , 2015, 142, 183-189.	5.5	17
11	Design, synthesis and characterization of a hexapeptide bio-inspired by acetylcholinesterase and its interaction with pesticide dichlorvos. <i>Analyst, The</i> , 2014, 139, 273-279.	3.5	6
12	Electrochemical investigations on the capacity of flavonoids to protect DNA against damage caused by textile disperse dyes. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 188-195.	7.8	9
13	Diagnostic tests for hepatitis C: Recent trends in electrochemical immunosensor and genosensor analysis. <i>World Journal of Gastroenterology</i> , 2014, 20, 15476.	3.3	30
14	New label free CA125 detection based on gold nanostructured screen-printed electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 179, 194-200.	7.8	96
15	Evaluation of the interactions of DNA with the textile dyes Disperse Orange 1 and Disperse Red 1 and their electrolysis products using an electrochemical biosensor. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 627-635.	7.8	26
16	A novel LTCC electrochemical cell construction and characterization: a detection compartment for portable devices. <i>Analyst, The</i> , 2013, 138, 4298.	3.5	3
17	Interaction of Organophosphorus Pesticides with DNA Nucleotides on a Boron-Doped Diamond Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	1
18	A label-free immunosensor based on recordable compact disk chip for early diagnostic of the dengue virus infection. <i>Biochemical Engineering Journal</i> , 2012, 67, 225-230.	3.6	44

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19	Spectrophotometric evaluation of the behavior of disperse red 1 dye in aqueous media and its interaction with calf thymus ds-DNA. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1469-1475.	0.6	11
20	Electrochemical reduction of disperse orange 1 textile dye at a boron-doped diamond electrode. <i>Journal of Applied Electrochemistry</i> , 2012, 42, 297-304.	2.9	16
21	Magneto Immunoassays for Plasmodium falciparum Histidine-Rich Protein 2 Related to Malaria based on Magnetic Nanoparticles. <i>Analytical Chemistry</i> , 2011, 83, 5570-5577.	6.5	92
22	Electrochemical genosensors for the detection of Bonamia parasite. Selection of single strand-DNA (ssDNA) probes by simulation of the secondary structure folding. <i>Talanta</i> , 2011, 85, 1927-1932.	5.5	12
23	Detection of DNA nucleotides on pretreated boron doped diamond electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2011, , .	0.6	2
24	Amperometric Immunosensor for Chagas's Disease Using Gold CD Transducer. <i>Electroanalysis</i> , 2011, 23, 2555-2561.	2.9	14
25	Application of Factorial Design Experiments to the Development of a Disposable Amperometric DNA Biosensor. <i>Electroanalysis</i> , 2011, 23, 2607-2615.	2.9	21
26	Optimization of incubation time of protein Tc85 in the construction of biosensor: Is the EIS a good tool?. <i>Journal of Electroanalytical Chemistry</i> , 2010, 643, 1-8.	3.8	12
27	Determination of 5-aminosalicylic acid in pharmaceutical formulations by square wave voltammetry at pencil graphite electrodes. <i>Quimica Nova</i> , 2010, 33, 964-967.	0.3	24
28	Double-Tagging Polymerase Chain Reaction with a Thiolated Primer and Electrochemical Genosensing based on Gold Nanocomposite Sensor for Food Safety. <i>Analytical Chemistry</i> , 2009, 81, 1332-1339.	6.5	60
29	Determination of chloride in fuel ethanol using a polyaniline-chemically modified electrode in flow injection analysis. <i>Chemistry and Technology of Fuels and Oils</i> , 2008, 44, 435-440.	0.5	7
30	Polysiloxane-poly(propylene oxide) hybrid discs as solid phase in anti-HCV detection using a recombinant core protein. <i>Talanta</i> , 2008, 75, 461-465.	5.5	3
31	Label-Free DNA Detection of Hepatitis C Virus Based on Modified Conducting Polypyrrole Films at Microelectrodes and Atomic Force Microscopy Tip-Integrated Electrodes. <i>Analytical Chemistry</i> , 2008, 80, 237-245.	6.5	69
32	Optimization of an amperometric biosensor for the detection of hepatitis C virus using fractional factorial designs. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 782-787.	0.6	8
33	Hydrolysis of whey lactose by immobilized β -Galactosidase. <i>Brazilian Archives of Biology and Technology</i> , 2008, 51, 1233-1240.	0.5	25
34	Biossensores baseados no processo de inibiçŁo enzimŁtica. <i>Quimica Nova</i> , 2008, 31, 1791-1799.	0.3	24
35	Label-Free DNA Detection Based on Modified Conducting Polypyrrole Films at Microelectrodes. <i>Analytical Chemistry</i> , 2006, 78, 1139-1145.	6.5	70
36	Immobilization of streptavidin in sol-gel films: Application on the diagnosis of hepatitis C virus. <i>Talanta</i> , 2006, 70, 637-643.	5.5	47

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37	Strategies for developing NADH detector based on meldola blue in different immobilization methods: a comparative study. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 689-696.	0.6	4
38	Microscopia de forsa atmica aplicada em imunoenaios. <i>Quimica Nova</i> , 2006, 29, 137-142.	0.3	10
39	Investigation of the interaction between Tc85-11 protein and antibody anti-T. cruzi by AFM and amperometric measurements. <i>Electrochimica Acta</i> , 2006, 51, 5046-5052.	5.2	18
40	Immunosensor for the diagnosis of Chagas™ disease. <i>Biosensors and Bioelectronics</i> , 2005, 21, 175-181.	10.1	35
41	Determination of Malic Acid in Real Samples by Using Enzyme Immobilized Reactors and Amperometric Detection. <i>Analytical Letters</i> , 2004, 37, 1823-1832.	1.8	5
42	Piezoelectric biosensors for real-time monitoring of hybridization and detection of hepatitis C virus. <i>Journal of Virological Methods</i> , 2004, 117, 145-151.	2.1	64
43	Electrochemical sensors: a powerful tool in analytical chemistry. <i>Journal of the Brazilian Chemical Society</i> , 2003, 14, 159-173.	0.6	279
44	Imunossensor amperomtrico. <i>Quimica Nova</i> , 2002, 25, 316-320.	0.3	7
45	Preparation and evaluation of atrazine immunoconjugate. <i>Eletica Quimica</i> , 2002, 27, 27-34.	0.5	0
46	Reagentless biosensor for isocitrate using one step modified Pt-Ir microelectrode. <i>Talanta</i> , 2001, 53, 801-806.	5.5	16
47	Eletroanlise de corantes alimentcios: determinao de ndigo carmim e tartrazina. <i>Eletica Quimica</i> , 2001, 26, 53-68.	0.5	21
48	Microeletrodos: III. arranjos de microeletrodos, construo e caracterizao. <i>Eletica Quimica</i> , 2000, 25, 171-195.	0.5	0
49	Determination of carbamate residues in crop samples by cholinesterase-based biosensors and chromatographic techniques. <i>Analytica Chimica Acta</i> , 1998, 362, 59-68.	5.4	83
50	Detection of carbamate pesticides in vegetable samples using cholinesterase-based biosensors. <i>Electroanalysis</i> , 1997, 9, 1083-1087.	2.9	98
51	A new amperometric biosensor for salicylate based on salicylate hydroxylase immobilized on polipyrrole film doped with hexacyanoferrate. <i>Analytica Chimica Acta</i> , 1997, 347, 35-41.	5.4	25
52	NADH Electrochemical Sensor Coupled with Dehydrogenase Enzymes. <i>Analytical Letters</i> , 1992, 25, 983-997.	1.8	8
53	Preparation and Characterization of Imunosensors for Disease Diagnosis. , 0, , .		1