Hideko

List of Publications by Year
in descending order

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53 papers	1,634 citations	361413 20 h-index	289244 40 g-index
53 all docs	53 docs citations	53 times ranked	2226 citing authors

#	Article	IF	Citations
1	Electrochemical sensors: a powerful tool in analytical chemistry. Journal of the Brazilian Chemical Society, 2003, 14, 159-173.	0.6	279
2	Detection of carbamate pesticides in vegetable samples using cholinesterase-based biosensors. Electroanalysis, 1997, 9, 1083-1087.	2.9	98
3	New label free CA125 detection based on gold nanostructured screen-printed electrode. Sensors and Actuators B: Chemical, 2013, 179, 194-200.	7.8	96
4	Magneto Immunoassays for Plasmodium falciparum Histidine-Rich Protein 2 Related to Malaria based on Magnetic Nanoparticles. Analytical Chemistry, 2011, 83, 5570-5577.	6.5	92
5	Determination of carbamate residues in crop samples by cholinesterase-based biosensors and chromatographic techniques. Analytica Chimica Acta, 1998, 362, 59-68.	5.4	83
6	A label-free electrochemical affisensor for cancer marker detection: The case of HER2. Bioelectrochemistry, 2015, 106, 268-275.	4.6	81
7	Label-Free DNA Detection Based on Modified Conducting Polypyrrole Films at Microelectrodes. Analytical Chemistry, 2006, 78, 1139-1145.	6.5	70
8	Label-Free DNA Detection of Hepatitis C Virus Based on Modified Conducting Polypyrrole Films at Microelectrodes and Atomic Force Microscopy Tip-Integrated Electrodes. Analytical Chemistry, 2008, 80, 237-245.	6.5	69
9	Piezoelectric biosensors for real-time monitoring of hybridization and detection of hepatitis C virus. Journal of Virological Methods, 2004, 117, 145-151.	2.1	64
10	Double-Tagging Polymerase Chain Reaction with a Thiolated Primer and Electrochemical Genosensing based on Gold Nanocomposite Sensor for Food Safety. Analytical Chemistry, 2009, 81, 1332-1339.	6.5	60
11	Ultrasensitive Determination of Malathion Using Acetylcholinesterase Immobilized on Chitosan-Functionalized Magnetic Iron Nanoparticles. Biosensors, 2018, 8, 16.	4.7	48
12	Immobilization of streptavidin in solâ€“gel films: Application on the diagnosis of hepatitis C virus. Talanta, 2006, 70, 637-643.	5.5	47
13	A label-free immunosensor based on recordable compact disk chip for early diagnostic of the dengue virus infection. Biochemical Engineering Journal, 2012, 67, 225-230.	3.6	44
14	Immunosensor for the diagnosis of Chagasâ€™ disease. Biosensors and Bioelectronics, 2005, 21, 175-181.	10.1	35
15	Electrochemical sensor for dodecyl gallate determination based on electropolymerized molecularly imprinted polymer. Sensors and Actuators B: Chemical, 2017, 253, 180-186.	7.8	30
16	Diagnostic tests for hepatitis C: Recent trends in electrochemical immunosensor and genosensor analysis. World Journal of Gastroenterology, 2014, 20, 15476.	3.3	30
17	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. Sensors and Actuators B: Chemical, 2013, 178, 627-635.	7.8	26
18	A new amperometric biosensor for salicylate based on salicylate hydroxylase immobilized on polipyrrole film doped with hexacyanoferrate. Analytica Chimica Acta, 1997, 347, 35-41.	5.4	25

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19	Hydrolysis of whey lactose by immobilized Î²-Galactosidase. Brazilian Archives of Biology and Technology, 2008, 51, 1233-1240.	0.5	25
20	Biossensores baseados no processo de inibiÃ§Ã£o enzimÃ¡tica. Quimica Nova, 2008, 31, 1791-1799.	0.3	24
21	Determination of 5-aminosalicylic acid in pharmaceutical formulations by square wave voltammetry at pencil graphite electrodes. Quimica Nova, 2010, 33, 964-967.	0.3	24
22	Application of Factorial Design Experiments to the Development of a Disposable Amperometric DNA Biosensor. Electroanalysis, 2011, 23, 2607-2615.	2.9	21
23	EletroanÃ¡lise de corantes alimentÃcios: determinaÃ§Ã£o de Ãndigo carmim e tartrazina. Ecletica Quimica, 2001, 26, 53-68.	0.5	21
24	Investigation of the interaction between Tc85-11 protein and antibody anti-T. cruzi by AFM and amperometric measurements. Electrochimica Acta, 2006, 51, 5046-5052.	5.2	18
25	A label-free impedimetric immunosensor for direct determination of the textile dye Disperse Orange 1. Talanta, 2015, 142, 183-189.	5.5	17
26	Reagentless biosensor for isocitrate using one step modified Pt-Ir microelectrode. Talanta, 2001, 53, 801-806.	5.5	16
27	Electrochemical reduction of disperse orange 1 textile dye at a boron-doped diamond electrode. Journal of Applied Electrochemistry, 2012, 42, 297-304.	2.9	16
28	Label-free impedimetric immunosensor for detection of the textile azo dye Disperse Red 1 in treated water. Sensors and Actuators B: Chemical, 2016, 236, 52-59.	7.8	15
29	Amperometric Immunosensor for Chagasâ€™ Disease Using Gold CDâ€R Transducer. Electroanalysis, 2011, 23, 2555-2561.	2.9	14
30	Optimization of incubation time of protein Tc85 in the construction of biosensor: Is the EIS a good tool?. Journal of Electroanalytical Chemistry, 2010, 643, 1-8.	3.8	12
31	Electrochemical genosensors for the detection of Bonamia parasite. Selection of single strand-DNA (ssDNA) probes by simulation of the secondary structure folding. Talanta, 2011, 85, 1927-1932.	5.5	12
32	Spectrophotometric evaluation of the behavior of disperse red 1 dye in aqueous media and its interaction with calf thymus ds-DNA. Journal of the Brazilian Chemical Society, 2012, 23, 1469-1475.	0.6	11
33	Microscopia de forÃ§a atÃ´mica aplicada em imunoensaios. Quimica Nova, 2006, 29, 137-142.	0.3	10
34	A Low-Cost Label-Free AFB1 Impedimetric Immunosensor Based on Functionalized CD-Trodes. Chemosensors, 2016, 4, 17.	3.6	10
35	Biotin self-assembled monolayer for impedimetric genosensor for direct detection of HIV-1. Microchemical Journal, 2020, 153, 104462.	4.5	10
36	Electrochemical investigations on the capacity of flavonoids to protect DNA against damage caused by textile disperse dyes. Sensors and Actuators B: Chemical, 2014, 192, 188-195.	7.8	9

#	Article	IF	Citations
37	Simple, fast, and ultrasensitive method for textile dye determination based on luminol electrochemiluminescence (ECL) inhibition. Journal of Solid State Electrochemistry, 2020, 24, 1927-1933.	2.5	9
38	NADH Electrochemical Sensor Coupled with Dehydrogenase Enzymes. Analytical Letters, 1992, 25, 983-997.	1.8	8
39	Optimization of an amperometric biosensor for the detection of hepatitis C virus using fractional factorial designs. Journal of the Brazilian Chemical Society, 2008, 19, 782-787.	0.6	8
40	Imunossensor amperomÃ©trico. Quimica Nova, 2002, 25, 316-320.	0.3	7
41	Determination of chloride in fuel ethanol using a polyaniline-chemically modified electrode in flow injection analysis. Chemistry and Technology of Fuels and Oils, 2008, 44, 435-440.	0.5	7
42	Determination of Quercetin by a Siloxane-Polyester/Poly-L-Lysine Nanocomposite Modified Glassy Carbon Electrode. Analytical Letters, 2016, 49, 1398-1411.	1.8	7
43	Design, synthesis and characterization of a hexapeptide bio-inspired by acetylcholinesterase and its interaction with pesticide dichlorvos. Analyst, The, 2014, 139, 273-279.	3.5	6
44	Determination of Malic Acid in Real Samples by Using Enzyme Immobilized Reactors and Amperometric Detection. Analytical Letters, 2004, 37, 1823-1832.	1.8	5
45	Strategies for developing NADH detector based on meldola blue in different immobilization methods: a comparative study. Journal of the Brazilian Chemical Society, 2006, 17, 689-696.	0.6	4
46	Polysiloxaneâ€“poly(propylene oxide) hybrid discs as solid phase in anti-HCV detection using a recombinant core protein. Talanta, 2008, 75, 461-465.	5.5	3
47	A novel LTCC electrochemical cell construction and characterization: a detection compartment for portable devices. Analyst, The, 2013, 138, 4298.	3.5	3
48	Detection of DNA nucleotides on pretreated boron doped diamond electrodes. Journal of the Brazilian Chemical Society, 2011, , .	0.6	2
49	Preparation and Characterization of Imunosensors for Disease Diagnosis. , 0, , .		1
50	Immunosensor for Detection of the Textile Dye Disperse Orange 1 Based on Nonâ€conventional Competitive Assay. Electroanalysis, 2020, 32, 70-75.	2.9	1
51	Interaction of Organophosphorus Pesticides with DNA Nucleotides on a Boron-Doped Diamond Electrode. Journal of the Brazilian Chemical Society, 2013, , .	0.6	1
52	Microeletrodos: III. arranjos de microeletrodos, construÃ§Ã£o e caracterizaÃ§Ã£o. Ecletica Quimica, 2000, 25, 171-195.	0.5	0
53	Preparation and evaluation of atrazine immunoconjugate. Ecletica Quimica, 2002, 27, 27-34.	0.5	0