Mihrican Muti

List of Publications by Year
in descending order

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23 papers	676 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	860 citing authors

#	Article	IF	Citations
1	Chitosanâ€“graphene oxide based aptasensor for the impedimetric detection of lysozyme. Colloids and Surfaces B: Biointerfaces, 2014, 115, 205-211.	5.0	97
2	Electrochemical Monitoring of Nucleic Acid Hybridization by Singleâ€Use Graphene Oxideâ€Based Sensor. Electroanalysis, 2011, 23, 272-279.	2.9	82
3	Graphene oxide integrated sensor for electrochemical monitoring of mitomycin Câ€“DNA interaction. Analyst, The, 2012, 137, 2129.	3.5	79
4	Preparation and characterization of zinc oxide nanoparticles and their sensor applications for electrochemical monitoring of nucleic acid hybridization. Colloids and Surfaces B: Biointerfaces, 2011, 86, 397-403.	5.0	61
5	Electrochemical monitoring of indicator-free DNA hybridization by carbon nanotubesâ€“chitosan modified disposable graphite sensors. Colloids and Surfaces B: Biointerfaces, 2012, 95, 222-228.	5.0	43
6	Tin oxide nanoparticles-polymer modified single-use sensors for electrochemical monitoring of label-free DNA hybridization. Talanta, 2010, 82, 1680-1686.	5.5	34
7	Electrochemical polymerized 5-amino-2-mercapto-1,3,4-thiadiazole modified single use sensors for detection of quercetin. Colloids and Surfaces B: Biointerfaces, 2013, 106, 181-186.	5.0	34
8	Electrochemical monitoring of the interaction between anticancer drug and DNA in the presence of antioxidant. Talanta, 2018, 178, 1033-1039.	5.5	33
9	High stability potentiometric urea biosensor based on enzyme attached nanoparticles. Microchemical Journal, 2021, 160, 105667.	4.5	30
10	Chitosanâ€“ionic liquid modified single-use sensor for electrochemical monitoring of sequence-selective DNA hybridization. Colloids and Surfaces B: Biointerfaces, 2014, 114, 261-268.	5.0	29
11	Chitosan/Ionic Liquid Composite Electrode for Electrochemical Monitoring of the Surfaceâ€Confined Interaction Between Mitomycin C and DNA. Electroanalysis, 2013, 25, 2321-2329.	2.9	28
12	Electrochemical behaviour of carbon paste electrodes enriched with tin oxide nanoparticles using voltammetry and electrochemical impedance spectroscopy. Colloids and Surfaces B: Biointerfaces, 2011, 86, 154-157.	5.0	26
13	Single-walled carbon nanotubes-polymer modified graphite electrodes for DNA hybridization. Colloids and Surfaces B: Biointerfaces, 2012, 91, 77-83.	5.0	24
14	A Novel DNA Probe Based on Molecularly Imprinted Polymer Modified Electrode for the Electrochemical Monitoring of DNA. Electroanalysis, 2015, 27, 1368-1377.	2.9	19
15	Electrochemical determination of anticancer drug Bendamustine and its interaction with double strand DNA in the absence and presence of quercetin. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111884.	5.0	14
16	A Novel and Selective Methylene Blue Imprinted Polymer Modified Carbon Paste Electrode. Electroanalysis, 2013, 25, 1278-1285.	2.9	12
17	5-Amino-2-mercapto-1,3,4-thidiazole modified single-use sensors for electrochemical DNA analysis. Colloids and Surfaces B: Biointerfaces, 2012, 93, 116-120.	5.0	8
18	Highly selective molecularly imprinting polymer-based sensor for the electrochemical determination of metoxuron. Microchemical Journal, 2020, 158, 105178.	4.5	7

#	Article	IF	Citations
19	Nanosensing Platform for the Electrochemical Determination of Dopamine. Journal of Analytical Chemistry, 2018, 73, 809-816.	0.9	5
20	Electrochemical Determination of the Effect of Caffeic Acid onto the Interaction between Idarubicin and DNA by Singleâ€use Disposable Electrodes. Electroanalysis, 2020, 32, 1288-1296.	2.9	5
21	Electrochemical Determination of Dexrazoxane by Differential Pulse Voltammetry (DPV) Using a Graphene Oxide Nanosheet Modified Pencil Graphite Electrode (PGE). Analytical Letters, 2023, 56, 630-642.	1.8	4
22	Electrochemical Biosensors for Screening of Toxins and Pathogens. NATO Science for Peace and Security Series A: Chemistry and Biology, 2012, , 323-334.	0.5	1
23	Electrochemical Determination of Label Free BRCA Hybridization by Single Use Antioxidant Modified Electrode. Electroanalysis, 2017, 29, 2208-2216.	2.9	1