S Reisberg

List of Publications by Year
in descending order

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26 papers	1,044 citations	430874 18 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1553 citing authors

#	Article	IF	Citations
1	Label-free and reagentless electrochemical detection of microRNAs using a conducting polymer nanostructured by carbon nanotubes: Application to prostate cancer biomarker miR-141. Biosensors and Bioelectronics, 2013, 49, 164-169.	10.1	162
2	An electrochemical ELISA-like immunosensor for miRNAs detection based on screen-printed gold electrodes modified with reduced graphene oxide and carbon nanotubes. Biosensors and Bioelectronics, 2014, 62, 25-30.	10.1	110
3	Antibodies Directed to RNA/DNA Hybrids: An Electrochemical Immunosensor for MicroRNAs Detection using Graphene-Composite Electrodes. Analytical Chemistry, 2013, 85, 8469-8474.	6.5	88
4	Label-free electrochemical detection of prostate-specific antigen based on nucleic acid aptamer. Biosensors and Bioelectronics, 2015, 68, 49-54.	10.1	76
5	Label-free DNA electrochemical sensor based on a PNA-functionalized conductive polymer. Talanta, 2008, 76, 206-210.	5.5	55
6	A label-free electrochemical immunosensor for direct, signal-on and sensitive pesticide detection. Biosensors and Bioelectronics, 2012, 31, 62-68.	10.1	55
7	Investigations of the steric effect on electrochemical transduction in a quinone-based DNA sensor. Biosensors and Bioelectronics, 2007, 22, 3126-3131.	10.1	53
8	E-assay concept: Detection of bisphenol A with a label-free electrochemical competitive immunoassay. Biosensors and Bioelectronics, 2014, 53, 214-219.	10.1	47
9	Electrochemical kinetic analysis of a 1,4-hydroxynaphthoquinone self-assembled monolayer. Journal of Electroanalytical Chemistry, 2008, 622, 37-43.	3.8	38
10	Peptide-modified electrolyte-gated organic field effect transistor. Application to Cu2+ detection. Biosensors and Bioelectronics, 2019, 127, 118-125.	10.1	36
11	Label-free and reagentless electrochemical detection of PCR fragments using self-assembled quinone derivative monolayer: Application to Mycobacterium tuberculosis. Biosensors and Bioelectronics, 2012, 32, 163-168.	10.1	33
12	Grafting of a peptide probe for Prostate-Specific Antigen detection using diazonium electroreduction and click chemistry. Biosensors and Bioelectronics, 2016, 81, 131-137.	10.1	33
13	Triggering the Electrolyte-Gated Organic Field-Effect Transistor output characteristics through gate functionalization using diazonium chemistry: Application to biodetection of 2,4-dichlorophenoxyacetic acid. Biosensors and Bioelectronics, 2018, 113, 32-38.	10.1	33
14	Enzyme-less electrochemical displacement heterogeneous immunosensor for diclofenac detection. Biosensors and Bioelectronics, 2017, 97, 246-252.	10.1	27
15	Towards the detection of human papillomavirus infection by a reagentless electrochemical peptide biosensor. Electrochimica Acta, 2011, 56, 10688-10693.	5.2	24
16	Investigation of the charge effect on the electrochemical transduction in a quinone-based DNA sensor. Electrochimica Acta, 2008, 54, 346-351.	5.2	23
17	General approach for electrochemical detection of persistent pharmaceutical micropollutants: Application to acetaminophen. Biosensors and Bioelectronics, 2015, 72, 205-210.	10.1	20
18	Simultaneous Electroreduction of Different Diazonium Salts for Direct Electrochemical DNA Biosensor Development. Electrochimica Acta, 2014, 140, 49-58.	5.2	19

#	Article	IF	Citations
19	Direct, reagentless electrochemical detection of the BIR3 domain of X-linked inhibitor of apoptosis protein using a peptide-based conducting polymer sensor. Biosensors and Bioelectronics, 2014, 61, 57-62.	10.1	18
20	Fabrication of an interpenetrated network of carbon nanotubes and electroactive polymers to be used in oligonucletide biosensing. Electrochimica Acta, 2008, 53, 4001-4006.	5.2	17
21	Design of a new electrogenerated polyquinone film substituted with glutathione. Towards direct electrochemical biosensors. Talanta, 2010, 80, 1318-1325.	5.5	17
22	Direct and rapid electrochemical immunosensing system based on a conducting polymer. Talanta, 2010, 82, 608-612.	5.5	17
23	An innovative strategy for direct electrochemical detection of microRNA biomarkers. Analytical and Bioanalytical Chemistry, 2014, 406, 1241-1244.	3.7	17
24	Labelâ€Free Electrochemical Immunoaffinity Sensor Based on Impedimetric Method for Pesticide Detection. Electroanalysis, 2013, 25, 664-670.	2.9	14
25	Design of interpenetrated network MWCNT/poly(1,5-DAN) on interdigital electrode: Toward NO2 gas sensing. Talanta, 2013, 115, 713-717.	5.5	8
26	An electroactive conjugated oligomer for a direct electrochemical DNA sensor. Synthetic Metals, 2012, 162, 1496-1502.	3.9	4