

Khiena Z Brainina

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

559
citations

687363

13
h-index

642732

23
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all docs

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docs citations

24
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensors Based on Bio and Biomimetic Receptors in Medical Diagnostic, Environment, and Food Analysis. <i>Biosensors</i> , 2018, 8, 35.	4.7	100
2	Modified carbon-containing electrodes in stripping voltammetry of metals. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1185-1204.	2.5	67
3	Antioxidants: Terminology, Methods, and Future Considerations. <i>Antioxidants</i> , 2019, 8, 297.	5.1	45
4	A Nanostructured Sensor Based on Gold Nanoparticles and Nafion for Determination of Uric Acid. <i>Biosensors</i> , 2018, 8, 21.	4.7	38
5	Mathematical modeling and numerical simulation of metal nanoparticles electrooxidation. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 981-988.	2.5	35
6	The Effect of the Antioxidant Activity of Plant Extracts on the Properties of Gold Nanoparticles. <i>Nanomaterials</i> , 2019, 9, 1655.	4.1	28
7	Electrochemical immunosensor for Forest-Spring encephalitis based on protein A labeled with colloidal gold. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 481-485.	3.7	27
8	Electrochemical Sensor Based on a Carbon Veil Modified by Phytosynthesized Gold Nanoparticles for Determination of Ascorbic Acid. <i>Sensors</i> , 2020, 20, 1800.	3.8	27
9	Potentiometric method of plant microsuspensions antioxidant activity determination. <i>Food Chemistry</i> , 2019, 278, 653-658.	8.2	22
10	Noninvasive Potentiometric Method of Determination of Skin Oxidant/Antioxidant Activity. <i>IEEE Sensors Journal</i> , 2012, 12, 527-532.	4.7	21
11	Small-size sensors for the in-field stripping voltammetric analysis of water. <i>Field Analytical Chemistry and Technology</i> , 2001, 5, 260-271.	0.8	20
12	Electrochemical dissolution of magnetite in acid solutions. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 565.	2.5	20
13	Hybrid Electrochemical/Magnetic Assay for Salmonella Typhimurium Detection. <i>IEEE Sensors Journal</i> , 2010, 10, 1699-1704.	4.7	20
14	Antioxidant Activity Evaluation Assay Based on Peroxide Radicals Generation and Potentiometric Measurement. <i>Analytical Letters</i> , 2011, 44, 1405-1415.	1.8	12
15	Contact hybrid potentiometric method for on-site and in situ estimation of the antioxidant activity of fruits and vegetables. <i>Food Chemistry</i> , 2020, 309, 125703.	8.2	12
16	Silver Chloride/Ferricyanide-Based Quasi-Reference Electrode for Potentiometric Sensing Applications. <i>Chemosensors</i> , 2020, 8, 15.	3.6	12
17	Disposable Potentiometric Sensory System for Skin Antioxidant Activity Evaluation. <i>Sensors</i> , 2019, 19, 2586.	3.8	11
18	Platinum electrode regeneration and quality control method for chronopotentiometric and chronoamperometric determination of antioxidant activity of biological fluids. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 14-20.	3.8	9

#	ARTICLE	IF	CITATIONS
19	Optimized Potentiometric Assay for Non-Invasive Investigation of Skin Antioxidant Activity. <i>Electroanalysis</i> , 2018, 30, 2405-2412.	2.9	8
20	Electrochemical Hybrid Methods and Sensors for Antioxidant/Oxidant Activity Monitoring and Their Use as a Diagnostic Tool of Oxidative Stress: Future Perspectives and Challenges. <i>Chemosensors</i> , 2020, 8, 90.	3.6	6
21	Chapter 27 Screen-printed enzyme-free electrochemical sensors for clinical and food analysis. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, 643-666.	1.3	4
22	Procedure 38 Electrochemical immunosensor for diagnosis of the forest-spring encephalitis. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, e265-e269.	1.3	1
23	State-of-the-art electrochemistry for the assessment of oxidative stress and integral antioxidant activity of biological environments. <i>Electrochemical Science Advances</i> , 2023, 3, .	2.8	1