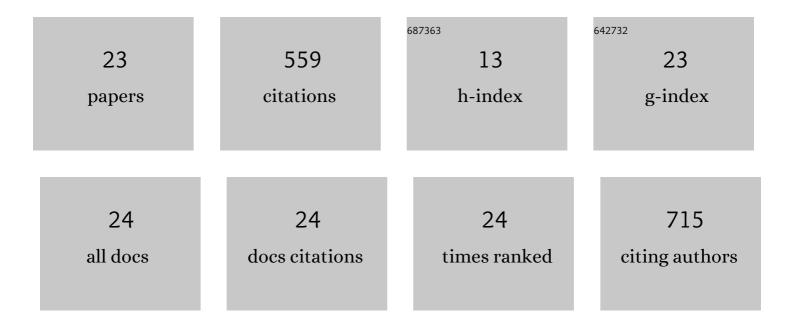
Khiena Z Brainina

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1798450/publications.pdf Version: 2024-02-01



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

Khiena Z Brainina

#	Article	IF	CITATIONS
19	Optimized Potentiometric Assay for Nonâ€invasive Investigation of Skin Antioxidant Activity. Electroanalysis, 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. Chemosensors, 2020, 8, 90.	3.6	6
21	Chapter 27 Screen-printed enzyme-free electrochemical sensors for clinical and food analysis. Comprehensive Analytical Chemistry, 2007, 49, 643-666.	1.3	4
22	Procedure 38 Electrochemical immunosensor for diagnosis of the forest-spring encephalitis. Comprehensive Analytical Chemistry, 2007, 49, e265-e269.	1.3	1
23	Stateâ€ofâ€ŧheâ€art electrochemistry for the assessment of oxidative stress and integral antioxidant activity of biological environments. Electrochemical Science Advances, 2023, 3, .	2.8	1