

Barbara Brunetti

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,333
citations

430442

18
h-index

500791

28
g-index

28
all docs

28
docs citations

28
times ranked

1991
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable temporary tattoo sensor for real-time trace metal monitoring in human sweat. <i>Electrochemistry Communications</i> , 2015, 51, 41-45.	2.3	193
2	Wearable Wireless Tyrosinase Bandage and Microneedle Sensors: Toward Melanoma Screening. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701264.	3.9	170
3	X-Ray Photoelectron Spectroscopic Characterization of Chemically Modified Electrodes Used as Chemical Sensors and Biosensors: A Review. <i>Chemosensors</i> , 2015, 3, 70-117.	1.8	130
4	Electrochemistry of phenothiazine and methylviologen biosensor electron-transfer mediators at nanoelectrode ensembles. <i>Journal of Electroanalytical Chemistry</i> , 2000, 491, 166-174.	1.9	96
5	Determination of Caffeine at a Nafion-Covered Glassy Carbon Electrode. <i>Electroanalysis</i> , 2007, 19, 385-388.	1.5	84
6	Presenting Analytical Performances of Electrochemical Sensors. Some Suggestions. <i>Electroanalysis</i> , 2013, 25, 1645-1651.	1.5	78
7	Amperometric Electronic Tongue for the Evaluation of the Tea Astringency. <i>Electroanalysis</i> , 2006, 18, 1643-1648.	1.5	60
8	Voltammetric determination of vitamin B6 in food samples and dietary supplements. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 155-160.	1.9	59
9	Amperometric detection of carbohydrates and thiols by using a glassy carbon electrode coated with Co oxide/multi-wall carbon nanotubes catalytic system. <i>Talanta</i> , 2008, 76, 454-457.	2.9	53
10	A simple hydroxylated multi-walled carbon nanotubes modified glassy carbon electrode for rapid amperometric detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 673-679.	4.0	50
11	Uncertainty of measurement and conformity assessment: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1729-1741.	1.9	41
12	About estimating the limit of detection of heteroscedastic analytical systems. <i>Analytica Chimica Acta</i> , 2009, 655, 30-37.	2.6	40
13	Glassy Carbon Electrodes Film Modified with Acidic Functionalities. A Review. <i>Electroanalysis</i> , 2012, 24, 1481-1500.	1.5	40
14	Determination of Theophylline at a Cysteic Acid Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2009, 21, 772-778.	1.5	38
15	A disposable electrochemical biosensor for L-DOPA determination in undiluted human serum. <i>Electrochemistry Communications</i> , 2014, 48, 28-31.	2.3	29
16	Ion-exchange voltammetry and electrocatalytic sensing capabilities of cytochrome c at polyestersulfonated ionomer coated glassy carbon electrodes. <i>Biosensors and Bioelectronics</i> , 2002, 17, 479-487.	5.3	28
17	Recent Advances in Electroanalysis of Vitamins. <i>Electroanalysis</i> , 2016, 28, 1930-1942.	1.5	25
18	Multiple square wave voltammetry of nanomolar and subnanomolar concentrations of europium (III) at polymer-coated electrodes. <i>Electrochemistry Communications</i> , 2000, 2, 175-179.	2.3	18

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19	Factors influencing the ion-exchange preconcentration and voltammetric behaviour of redox cations at polyestersulfonated ionomer coated electrodes in acetonitrile solutions. <i>Journal of Electroanalytical Chemistry</i> , 1999, 460, 38-45.	1.9	17
20	About acceptance and rejection zones as defined in the EURACHEM/CITAC Guide (2007) – Use of uncertainty information in compliance assessment. <i>Accreditation and Quality Assurance</i> , 2010, 15, 45-47.	0.4	15
21	Electrochemical signatures of multivitamin mixtures. <i>Analyst</i> , 2015, 140, 7522-7526.	1.7	14
22	Comparing Some Operational Approaches to the Limit of Detection. <i>Annali Di Chimica</i> , 2004, 94, 555-569.	0.6	13
23	Determination of Patent Blue V (E131) at a Nafion-Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2006, 18, 231-235.	1.5	12
24	Validation of Some Procedures for Quantifying Platinum at sub- $1/4$ g/L Level in Some Real Matrices by Catalytic Adsorptive Stripping Voltammetry. <i>Electroanalysis</i> , 2004, 16, 304-310.	1.5	9
25	Data Treatment of Electrochemical Sensors and Biosensors. <i>Nanostructure Science and Technology</i> , 2015, , 1137-1151.	0.1	7
26	A New Voltammetric Sensor Based on a Glassy Carbon Electrode Modified with 8-Hydroxyquinoline-5-sulfonic Acid. <i>Electroanalysis</i> , 2011, 23, 1116-1122.	1.5	6
27	Uncertainty of Measurement: Approaches and Open Problems. <i>Annali Di Chimica</i> , 2005, 95, 265-274.	0.6	4
28	Permselectivity and preconcentration properties of taurine/graphite oxide electrode coatings: Analytical perspectives. <i>Electrochemistry Communications</i> , 2014, 43, 51-54.	2.3	4