Iulia Gabriela David

List of Publications by Year
in descending order

39 papers	712 citations	567281 15 h-index	552781 26 g-index
39 all docs	39 docs citations	39 times ranked	958 citing authors

#	Article	IF	Citations
1	Pencil Graphite Electrodes: A Versatile Tool in Electroanalysis. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-22.	1.6	165
2	Rapid determination of total polyphenolic content in tea samples based on caffeic acid voltammetric behaviour on a disposable graphite electrode. Food Chemistry, 2015, 173, 1059-1065.	8.2	64
3	DNA-wrapped multi-walled carbon nanotube modified electrochemical biosensor for the detection of Escherichia coli from real samples. Talanta, 2017, 166, 27-35.	5.5	51
4	Electrocatalytic voltammetric determination of guanine at a cobalt phthalocyanine modified carbon nanotubes paste electrode. Journal of Electroanalytical Chemistry, 2011, 654, 8-12.	3.8	47
5	Microwave-Assisted Batch Extraction of Polyphenols from Sea Buckthorn Leaves. Chemical Engineering Communications, 2016, 203, 1547-1553.	2.6	31
6	FOOD CHAIN BIOMAGNIFICATION OF HEAVY METALS IN SAMPLES FROM THE LOWER PRUT FLOODPLAIN NATURAL PARK. Environmental Engineering and Management Journal, 2012, 11, 69-73.	0.6	31
7	Voltammetric determination of B1 and B6 vitamins using a pencil graphite electrode. Chemical Papers, 2015, 69, .	2.2	30
8	Recent Developments in Voltammetric Analysis of Pharmaceuticals Using Disposable Pencil Graphite Electrodes. Processes, 2022, 10, 472.	2.8	25
9	Voltammetric determination of polyphenolic content as rosmarinic acid equivalent in tea samples using pencil graphite electrodes. Journal of Food Science and Technology, 2016, 53, 2589-2596.	2.8	23
10	Electropolymerized molecular imprinting on glassy carbon electrode for voltammetric detection of dopamine in biological samples. Talanta, 2016, 160, 489-498.	5.5	22
11	Voltammetric determination of famotidine on a disposable pencil graphite electrode. Turkish Journal of Chemistry, 2016, 40, 125-135.	1.2	21
12	A Derivative Spectrometric Method for Hydroquinone Determination in the Presence of Kojic Acid, Glycolic Acid, and Ascorbic Acid. Journal of Spectroscopy, 2017, 2017, 1-9.	1.3	20
13	Voltammetric analysis of naringenin at a disposable pencil graphite electrode â€“ application to polyphenol content determination in citrus juice. Analytical Methods, 2018, 10, 5763-5772.	2.7	20
14	Electrochemical behavior study of some selected phenylurea herbicides at activated pencil graphite electrode. Electrooxidation of linuron and monolinuron. Microchemical Journal, 2019, 147, 1109-1116.	4.5	20
15	Comparative Chemical Analysis ofMentha piperitaandM. spicataand a Fast Assessment of Commercial Peppermint Teas. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	18
16	Seasonal variation in trace metals concentrations in the Ialomita River, Romania. Environmental Monitoring and Assessment, 2009, 153, 273-279.	2.7	14
17	Electrochemical Methods and (Bio) Sensors for Rosmarinic Acid Investigation. Chemosensors, 2020, 8, 74.	3.6	14
18	Novel voltammetric investigation of dipyridamole at a disposable pencil graphiteelectrode. Turkish Journal of Chemistry, 2019, 43, 1109-1122.	1.2	10

#	Article	IF	Citations
19	Simple Electrochemical Chloramphenicol Assay at a Disposable Pencil Graphite Electrode by Square Wave Voltammetry and Linear Sweep Voltammetry. Analytical Letters, 2022, 55, 1531-1548.	1.8	10
20	TRACE METALS IN WATER AND SEDIMENTS OF THE PRUT RIVER, ROMANIA. Environmental Engineering and Management Journal, 2018, 17, 1363-1371.	0.6	9
21	An experimental design for the optimization of the extraction methods of metallic mobile fractions from environmental solid samples. Environmental Monitoring and Assessment, 2018, 190, 609.	2.7	8
22	Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative. Journal of Thermal Analysis and Calorimetry, 2018, 134, 665-677.	3.6	7
23	Rapid Voltammetric Screening Method for the Assessment of Bioflavonoid Content Using the Disposable Bare Pencil Graphite Electrode. Chemosensors, 2021, 9, 323.	3.6	7
24	Non-invasive Monitoring of Organohalogen Compounds in Eggshells and Feathers of Birds from the Lower Prut Floodplain Natural Park in Romania. Procedia Environmental Sciences, 2016, 32, 49-58.	1.4	6
25	Disposable Pencil Graphite Electrode for Diosmin Voltammetric Analysis. Micromachines, 2021, 12, 351.	2.9	6
26	Current advances in metabolomic studies on nonâ€'motor psychiatric manifestations of Parkinson's disease (Review). Experimental and Therapeutic Medicine, 2021, 22, 1010.	1.8	5
27	Recent Trends in the Development of Carbon-Based Electrodes Modified with Molecularly Imprinted Polymers for Antibiotic Electroanalysis. Chemosensors, 2022, 10, 243.	3.6	5
28	Single Laboratory Validation of a Method for the Determination of Total Inorganic Arsenic by Hydride Generation Atomic Absorption Spectrometry. Analytical Letters, 2010, 43, 1172-1189.	1.8	4
29	Redox Behavior of Zearalenone in Various Solvents. Analytical Letters, 2010, 43, 1287-1300.	1.8	4
30	Chemical Composition of the Aerial Part and Fruits of Coreopsis tinctoria. Chemistry of Natural Compounds, 2015, 51, 571-572.	0.8	4
31	Past and Present of Electrochemical Sensors and Methods for Amphenicol Antibiotic Analysis. Micromachines, 2022, 13, 677.	2.9	4
32	Voltammetric Determination of Carprofen. Current Analytical Chemistry, 2018, 14, .	1.2	2
33	Comparative Assessment of the Volatile Profile, Antioxidant Capacity and Cytotoxic Potential of Different Preparation of Millefolli Herba Samples. Revista De Chimie (discontinued), 2020, 71, 69-78.	0.4	2
34	Spectrometric and Voltammetric Characterization of Obidoxime in Aqueous Solutions. Analytical Letters, 2018, 51, 2660-2672.	1.8	1
35	Alternative Methods for Antioxidants Determination. Proceedings (mdpi), 2019, 29, .	0.2	1
36	Actualities in immunological markers and electrochemical sensors for determination of dopamine and its metabolites in psychotic disorders (Review). Experimental and Therapeutic Medicine, 2021, 22, 888.	1.8	1

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37	Rapid Analysis of the Volatile Components of Gaillardia aristata and G. Ã— grandiflora. Chemistry of Natural Compounds, 2015, 51, 787-789.	0.8	0
38	Voltammetric Analysis of Sulfamethoxazole on Disposable Graphite Electrodes. Proceedings (mdpi), 2019, 29, .	0.2	0
39	Voltammetric Behaviour of Hesperidin at a Composite Graphite Electrode. Proceedings (mdpi), 2020, 57, .	0.2	0