Ede Bodoki

List of Publications by Year
in descending order

62 papers	1,168 citations	331670 21 h-index	434195 31 g-index
66 all docs	66 docs citations	66 times ranked	1560 citing authors

#	Article	IF	Citations
1	Biomimetic electrochemical sensor for the highly selective detection of azithromycin in biological samples. Biosensors and Bioelectronics, 2020, 155, 112098.	10.1	61
2	Analytical techniques for multiplex analysis of protein biomarkers. Expert Review of Proteomics, 2020, 17, 257-273.	3.0	60
3	Zein Nanoparticles Uptake and Translocation in Hydroponically Grown Sugar Cane Plants. Journal of Agricultural and Food Chemistry, 2018, 66, 6544-6551.	5.2	56
4	Fast determination of colchicine by TLC-densitometry from pharmaceuticals and vegetal extracts. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 971-977.	2.8	49
5	Simultaneous Enantiospecific Recognition of Several Î²-Blocker Enantiomers Using Molecularly Imprinted Polymer-Based Electrochemical Sensor. Analytical Chemistry, 2015, 87, 2755-2763.	6.5	45
6	Amperometric biosensor based on horseradish peroxidase-immobilised magnetic microparticles. Sensors and Actuators B: Chemical, 2006, 113, 749-754.	7.8	43
7	Review on combining surface-enhanced Raman spectroscopy and electrochemistry for analytical applications. Analytica Chimica Acta, 2022, 1209, 339250.	5.4	41
8	Surface mediated chiral interactions between cyclodextrins and propranolol enantiomers: a SERS and DFT study. Physical Chemistry Chemical Physics, 2015, 17, 1281-1289.	2.8	40
9	Flow electrochemical analyses of zinc by stripping voltammetry on graphite felt electrode. Talanta, 2012, 98, 152-156.	5.5	38
10	Perspectives of Molecularly Imprinted Polymer-Based Drug Delivery Systems in Cancer Therapy. Polymers, 2019, 11, 2085.	4.5	38
11	Recent advances in capillary electrochromatography using molecularly imprinted polymers. Electrophoresis, 2014, 35, 2722-2732.	2.4	33
12	Strategies for SERS Detection of Organochlorine Pesticides. Nanomaterials, 2021, 11, 304.	4.1	31
13	Electrochemical behavior of colchicine using graphite-based screen-printed electrodes. Talanta, 2008, 76, 288-294.	5.5	29
14	Chiral recognition and quantification of propranolol enantiomers by surface enhanced Raman scattering through supramolecular interaction with Î²-cyclodextrin. Talanta, 2012, 101, 53-58.	5.5	29
15	Study of the Molecular Recognition Mechanism of an Ultrathin MIP Film-Based Chiral Electrochemical Sensor. Electrochimica Acta, 2016, 217, 195-202.	5.2	29
16	A micellar electrokinetic chromatographyâ€“mass spectrometry approach using in-capillary diastereomeric derivatization for fully automatized chiral analysis of amino acids. Journal of Chromatography A, 2016, 1467, 400-408.	3.7	28
17	Zein Nanoparticles Uptake by Hydroponically Grown Soybean Plants. Environmental Science & Technology, 2017, 51, 14065-14071.	10.0	28
18	Generic systems for the enantioseparation of basic drugs in NACE using single-isomer anionic CDs. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 154-159.	2.8	25

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19	Adsorption geometry of propranolol enantiomers on silver nanoparticles. Journal of Molecular Structure, 2013, 1031, 201-206.	3.6	23
20	SCREENING AND QUANTIFICATION OF AFLATOXINS AND OCHRATOXIN A IN DIFFERENT CEREALS CULTIVATED IN ROMANIA USING THINâ€ŁAYER CHROMATOGRAPHYâ€ĐENSITOMETRY. Journal of Food Quality, 2008, 31, 108-120.	2.6	22
21	Development and validation of NIR-chemometric methods for chemical and pharmaceutical characterization of meloxicam tablets. Drug Development and Industrial Pharmacy, 2014, 40, 549-559.	2.0	22
22	Climatic conditions influence emerging mycotoxin presence in wheat grown in Romania â€“ A 2-year survey. Crop Protection, 2017, 100, 124-133.	2.1	22
23	(+) or (â˜)-1-(9-fluorenyl)ethyl chloroformate as chiral derivatizing agent: A review. Journal of Chromatography A, 2017, 1513, 1-17.	3.7	21
24	A chiral electrochemical system based on l-cysteine modified gold nanoparticles for propranolol enantiodiscrimination: Electroanalysis and computational modelling. Electrochimica Acta, 2019, 326, 134961.	5.2	21
25	Topical nanodelivery system of lutein for the prevention of selenite-induced cataract. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 15, 188-197.	3.3	21
26	New Materials for the Construction of Electrochemical Biosensors. , 0, , .		19
27	Perspectives in the design of zein-based polymeric delivery systems with programmed wear down for sustainable agricultural applications. Polymer Degradation and Stability, 2018, 155, 130-135.	5.8	19
28	Study of nucleic acidâ€“ligand interactions by capillary electrophoretic techniques: A review. Talanta, 2016, 148, 247-256.	5.5	18
29	Securidaca–saponins are natural inhibitors of AKT, MCL-1, and BCL2L1 in cervical cancer cells. Cancer Management and Research, 2018, Volume 10, 5709-5724.	1.9	17
30	Selectivity evaluation of phenyl based stationary phases for the analysis of amino acid diastereomers by liquid chromatography coupled with mass spectrometry. Journal of Chromatography A, 2019, 1590, 80-87.	3.7	17
31	Capillary electrophoresis-mass spectrometry of derivatized amino acids for targeted neurometabolomics â€“ pH mediated reversal of diastereomer migration order. Journal of Chromatography A, 2018, 1564, 199-206.	3.7	16
32	THE ANALYSIS OF SMALL IONS WITH PHYSIOLOGICAL IMPLICATIONS USING CAPILLARY ELECTROPHORESIS WITH CONTACTLESS CONDUCTIVITY DETECTION. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2072-2090.	1.0	15
33	Application of capacitively coupled contactless conductivity as an external detector for zone electrophoresis in poly(dimethylsiloxane) chips. Electrophoresis, 2016, 37, 398-405.	2.4	15
34	Perspectives of Molecularly Imprinted Polymer-Based Drug Delivery Systems in Ocular Therapy. Polymers, 2021, 13, 3649.	4.5	15
35	Capillary Electromigration Techniques for the Quantitative Analysis of Colchicine. Croatica Chemica Acta, 2011, 84, 383-391.	0.4	14
36	Electrochemical platform for the detection of adenosine using a sandwich-structured molecularly imprinted polymer-based sensor. Electrochimica Acta, 2020, 354, 136656.	5.2	13

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37	Zein and lignin-based nanoparticles as soybean seed treatment: translocation and impact on seed and plant health. Applied Nanoscience (Switzerland), 2022, 12, 1557-1569.	3.1	13
38	Global chemical reactivity parameters for several chiral beta-blockers from Density Functional Theory Viewpoint. Medicine and Pharmacy Reports, 2016, 89, 513-518.	0.4	12
39	Improved Enantioselectivity for Atenolol Employing Pivot Based Molecular Imprinting. Molecules, 2018, 23, 1875.	3.8	12
40	Molecular-trapping in Emulsionâ€™s Monolayer: A New Strategy for Production and Purification of Bioactive Saponins. Scientific Reports, 2017, 7, 14511.	3.3	11
41	Ophthalmic Nanosystems with Antioxidants for the Prevention and Treatment of Eye Diseases. Coatings, 2020, 10, 36.	2.6	11
42	Affinity capillary electrophoresis for identification of active drug candidates in myotonic dystrophy type 1. Analytical and Bioanalytical Chemistry, 2018, 410, 4495-4507.	3.7	10
43	Method validation in quantitative electrochemical analysis of colchicine using glassy carbon electrode. Open Chemistry, 2007, 5, 766-778.	1.9	8
44	Bioactive Aliphatic Polycarbonates Carrying Guanidinium Functions: An Innovative Approach for Myotonic Dystrophy Type 1 Therapy. ACS Omega, 2019, 4, 18126-18135.	3.5	7
45	Metalâ€“Ligand Interactions in Molecular Imprinting. , 0, , .		6
46	Screen-printed electrodes modified with HRP-zirconium alcoxide film for the development of a biosensor for acetaminophen detection. Open Chemistry, 2010, 8, 1034-1040.	1.9	5
47	MECHANISTIC STUDY OF COLCHICINEâ€™s ELECTROCHEMICAL OXIDATION. Electrochimica Acta, 2015, 178, 624-630.	5.2	5
48	Removal of Nitroaniline From Water/Ethanol by Electrocoagulation Using Response Surface Methodology. Clean - Soil, Air, Water, 2016, 44, 430-437.	1.1	5
49	Modified Screen Printed Electrodes for the Development of Biosensors. IFMBE Proceedings, 2009, , 89-92.	0.3	4
50	Surface Modeling of Nanopatterned Polymer Films Obtained by Colloidal Templated Electropolymerization. Journal of Nanoscience and Nanotechnology, 2015, 15, 3359-3364.	0.9	3
51	Mechanistic study of colchicine's reduction behavior. Electrochemistry Communications, 2015, 56, 51-55.	4.7	3
52	Chiral enhancement via surface-confined supramolecular self-assembly at the electrified liquid/solid interface. Electrochimica Acta, 2021, 387, 138464.	5.2	3
53	High-energy ball milling and spark plasma sintering of molybdenum - lanthanum oxide (Mo-La2O3) and molybdenum â€“ lanthanum zirconate (Mo-La2Zr2O7) composite powders. International Journal of Refractory Metals and Hard Materials, 2022, 102, 105717.	3.8	3
54	Off-Resonance Gold Nanobone Films at Liquid Interface for SERS Applications. Sensors, 2022, 22, 236.	3.8	3

#	Article	IF	Citations
55	Chiral Electrochemical Sensors Based on Molecularly Imprinted Polymers with Pharmaceutical Applications. , 2016, , 620-647.		2
56	Nanostructured Platform Based on Graphene-polypyrrole Composite for Immunosensor Fabrication. Procedia Technology, 2017, 27, 108-109.	1.1	2
57	Simulation of the oxidative metabolization pattern of netupitant, an NK1 receptor antagonist, by electrochemistry coupled to mass spectrometry. Journal of Pharmaceutical Analysis, 2021, 11, 661-666.	5.3	2
58	Characterization of Orthosiphon Stamineus Benth extracts by reversed-phase thin layer Chromatographic methods. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 9-18.	0.2	2
59	Screening and analysis of amphetamine analogues from urine samples by capillary electrophoresis. Toxicology Letters, 2008, 180, S157.	0.8	0
60	Electrochemical sensors and biosensors for the pharmaceutical and environmental analysis. , 2011, , .		0
61	Assays for Flunitrazepam. , 2016, , 513-528.		0
62	Electrochemically Simulated Oxidative Metabolization Pattern of Neurokinin-1 Antagonist Aprepitant. Journal of the Electrochemical Society, 2020, 167, 085502.	2.9	0