

# Ede Bodoki

## List of Publications by Year in descending order

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Version: 2024-02-01

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	High-energy ball milling and spark plasma sintering of molybdenum - lanthanum oxide (Mo-La <sub>2</sub> O <sub>3</sub> ) and molybdenum - lanthanum zirconate (Mo-La <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> ) composite powders. <i>International Journal of Refractory Metals and Hard Materials</i> , 2022, 102, 105717.	3.8	3
2	Review on combining surface-enhanced Raman spectroscopy and electrochemistry for analytical applications. <i>Analytica Chimica Acta</i> , 2022, 1209, 339250.	5.4	41
3	Zein and lignin-based nanoparticles as soybean seed treatment: translocation and impact on seed and plant health. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 1557-1569.	3.1	13
4	Off-Resonance Gold Nanobone Films at Liquid Interface for SERS Applications. <i>Sensors</i> , 2022, 22, 236.	3.8	3
5	Strategies for SERS Detection of Organochlorine Pesticides. <i>Nanomaterials</i> , 2021, 11, 304.	4.1	31
6	Simulation of the oxidative metabolization pattern of netupitant, an NK1 receptor antagonist, by electrochemistry coupled to mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 661-666.	5.3	2
7	Chiral enhancement via surface-confined supramolecular self-assembly at the electrified liquid/solid interface. <i>Electrochimica Acta</i> , 2021, 387, 138464.	5.2	3
8	Perspectives of Molecularly Imprinted Polymer-Based Drug Delivery Systems in Ocular Therapy. <i>Polymers</i> , 2021, 13, 3649.	4.5	15
9	Analytical techniques for multiplex analysis of protein biomarkers. <i>Expert Review of Proteomics</i> , 2020, 17, 257-273.	3.0	60
10	Electrochemically Simulated Oxidative Metabolization Pattern of Neurokinin-1 Antagonist Aprepitant. <i>Journal of the Electrochemical Society</i> , 2020, 167, 085502.	2.9	0
11	Electrochemical platform for the detection of adenosine using a sandwich-structured molecularly imprinted polymer-based sensor. <i>Electrochimica Acta</i> , 2020, 354, 136656.	5.2	13
12	Biomimetic electrochemical sensor for the highly selective detection of azithromycin in biological samples. <i>Biosensors and Bioelectronics</i> , 2020, 155, 112098.	10.1	61
13	Ophthalmic Nanosystems with Antioxidants for the Prevention and Treatment of Eye Diseases. <i>Coatings</i> , 2020, 10, 36.	2.6	11
14	Bioactive Aliphatic Polycarbonates Carrying Guanidinium Functions: An Innovative Approach for Myotonic Dystrophy Type 1 Therapy. <i>ACS Omega</i> , 2019, 4, 18126-18135.	3.5	7
15	A chiral electrochemical system based on l-cysteine modified gold nanoparticles for propranolol enantiodiscrimination: Electroanalysis and computational modelling. <i>Electrochimica Acta</i> , 2019, 326, 134961.	5.2	21
16	Selectivity evaluation of phenyl based stationary phases for the analysis of amino acid diastereomers by liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1590, 80-87.	3.7	17
17	Perspectives of Molecularly Imprinted Polymer-Based Drug Delivery Systems in Cancer Therapy. <i>Polymers</i> , 2019, 11, 2085.	4.5	38
18	Topical nanodelivery system of lutein for the prevention of selenite-induced cataract. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 188-197.	3.3	21

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19	Zein Nanoparticles Uptake and Translocation in Hydroponically Grown Sugar Cane Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6544-6551.	5.2	56
20	&lt;em>Securidaca&lt;/em>&ndash;saponins are natural inhibitors of AKT, MCL-1, and BCL2L1 in cervical cancer cells. <i>Cancer Management and Research</i> , 2018, Volume 10, 5709-5724.	1.9	17
21	Improved Enantioselectivity for Atenolol Employing Pivot Based Molecular Imprinting. <i>Molecules</i> , 2018, 23, 1875.	3.8	12
22	Perspectives in the design of zein-based polymeric delivery systems with programmed wear down for sustainable agricultural applications. <i>Polymer Degradation and Stability</i> , 2018, 155, 130-135.	5.8	19
23	Affinity capillary electrophoresis for identification of active drug candidates in myotonic dystrophy type 1. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4495-4507.	3.7	10
24	Capillary electrophoresis-mass spectrometry of derivatized amino acids for targeted neurometabolomics â€“ pH mediated reversal of diastereomer migration order. <i>Journal of Chromatography A</i> , 2018, 1564, 199-206.	3.7	16
25	(+) or (âˆ-)1-(9-fluorenyl)ethyl chloroformate as chiral derivatizing agent: A review. <i>Journal of Chromatography A</i> , 2017, 1513, 1-17.	3.7	21
26	Climatic conditions influence emerging mycotoxin presence in wheat grown in Romania â€“ A 2-year survey. <i>Crop Protection</i> , 2017, 100, 124-133.	2.1	22
27	Nanostructured Platform Based on Graphene-polypyrrole Composite for Immunosensor Fabrication. <i>Procedia Technology</i> , 2017, 27, 108-109.	1.1	2
28	Zein Nanoparticles Uptake by Hydroponically Grown Soybean Plants. <i>Environmental Science &amp; Technology</i> , 2017, 51, 14065-14071.	10.0	28
29	Molecular-trapping in Emulsionâ€™s Monolayer: A New Strategy for Production and Purification of Bioactive Saponins. <i>Scientific Reports</i> , 2017, 7, 14511.	3.3	11
30	Characterization of Orthosiphon Stamineus Benth extracts by reversed-phase thin layer Chromatographic methods. <i>Studia Universitatis Babes-Bolyai Chemia</i> , 2017, 62, 9-18.	0.2	2
31	Global chemical reactivity parameters for several chiral beta-blockers from Density Functional Theory Viewpoint. <i>Medicine and Pharmacy Reports</i> , 2016, 89, 513-518.	0.4	12
32	Assays for Flunitrazepam. , 2016, , 513-528.		0
33	Removal of Nitroaniline From Water/Ethanol by Electrocoagulation Using Response Surface Methodology. <i>Clean - Soil, Air, Water</i> , 2016, 44, 430-437.	1.1	5
34	Application of capacitively coupled contactless conductivity as an external detector for zone electrophoresis in poly(dimethylsiloxane) chips. <i>Electrophoresis</i> , 2016, 37, 398-405.	2.4	15
35	Study of the Molecular Recognition Mechanism of an Ultrathin MIP Film-Based Chiral Electrochemical Sensor. <i>Electrochimica Acta</i> , 2016, 217, 195-202.	5.2	29
36	Chiral Electrochemical Sensors Based on Molecularly Imprinted Polymers with Pharmaceutical Applications. , 2016, , 620-647.		2

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37	A micellar electrokinetic chromatography-mass spectrometry approach using in-capillary diastereomeric derivatization for fully automatized chiral analysis of amino acids. <i>Journal of Chromatography A</i> , 2016, 1467, 400-408.	3.7	28
38	Study of nucleic acid-ligand interactions by capillary electrophoretic techniques: A review. <i>Talanta</i> , 2016, 148, 247-256.	5.5	18
39	Surface Modeling of Nanopatterned Polymer Films Obtained by Colloidal Templated Electropolymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3359-3364.	0.9	3
40	Simultaneous Enantiospecific Recognition of Several $\beta$ -Blocker Enantiomers Using Molecularly Imprinted Polymer-Based Electrochemical Sensor. <i>Analytical Chemistry</i> , 2015, 87, 2755-2763.	6.5	45
41	Mechanistic study of colchicine's reduction behavior. <i>Electrochemistry Communications</i> , 2015, 56, 51-55.	4.7	3
42	MECHANISTIC STUDY OF COLCHICINE'S ELECTROCHEMICAL OXIDATION. <i>Electrochimica Acta</i> , 2015, 178, 624-630.	5.2	5
43	Surface mediated chiral interactions between cyclodextrins and propranolol enantiomers: a SERS and DFT study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1281-1289.	2.8	40
44	THE ANALYSIS OF SMALL IONS WITH PHYSIOLOGICAL IMPLICATIONS USING CAPILLARY ELECTROPHORESIS WITH CONTACTLESS CONDUCTIVITY DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2072-2090.	1.0	15
45	Recent advances in capillary electrochromatography using molecularly imprinted polymers. <i>Electrophoresis</i> , 2014, 35, 2722-2732.	2.4	33
46	Development and validation of NIR-chemometric methods for chemical and pharmaceutical characterization of meloxicam tablets. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 549-559.	2.0	22
47	Adsorption geometry of propranolol enantiomers on silver nanoparticles. <i>Journal of Molecular Structure</i> , 2013, 1031, 201-206.	3.6	23
48	Flow electrochemical analyses of zinc by stripping voltammetry on graphite felt electrode. <i>Talanta</i> , 2012, 98, 152-156.	5.5	38
49	Chiral recognition and quantification of propranolol enantiomers by surface enhanced Raman scattering through supramolecular interaction with $\beta$ -cyclodextrin. <i>Talanta</i> , 2012, 101, 53-58.	5.5	29
50	Electrochemical sensors and biosensors for the pharmaceutical and environmental analysis. , 2011, , .		0
51	Generic systems for the enantioseparation of basic drugs in NACE using single-isomer anionic CDs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 154-159.	2.8	25
52	Capillary Electromigration Techniques for the Quantitative Analysis of Colchicine. <i>Croatica Chemica Acta</i> , 2011, 84, 383-391.	0.4	14
53	Screen-printed electrodes modified with HRP-zirconium alcoxide film for the development of a biosensor for acetaminophen detection. <i>Open Chemistry</i> , 2010, 8, 1034-1040.	1.9	5
54	Modified Screen Printed Electrodes for the Development of Biosensors. <i>IFMBE Proceedings</i> , 2009, , 89-92.	0.3	4

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55	SCREENING AND QUANTIFICATION OF AFLATOXINS AND OCHRATOXIN A IN DIFFERENT CEREALS CULTIVATED IN ROMANIA USING THIN-LAYER CHROMATOGRAPHY-DENSITOMETRY. <i>Journal of Food Quality</i> , 2008, 31, 108-120.	2.6	22
56	Screening and analysis of amphetamine analogues from urine samples by capillary electrophoresis. <i>Toxicology Letters</i> , 2008, 180, S157.	0.8	0
57	Electrochemical behavior of colchicine using graphite-based screen-printed electrodes. <i>Talanta</i> , 2008, 76, 288-294.	5.5	29
58	Method validation in quantitative electrochemical analysis of colchicine using glassy carbon electrode. <i>Open Chemistry</i> , 2007, 5, 766-778.	1.9	8
59	Amperometric biosensor based on horseradish peroxidase-immobilised magnetic microparticles. <i>Sensors and Actuators B: Chemical</i> , 2006, 113, 749-754.	7.8	43
60	Fast determination of colchicine by TLC-densitometry from pharmaceuticals and vegetal extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 971-977.	2.8	49
61	New Materials for the Construction of Electrochemical Biosensors. , 0, , .		19
62	Metal-Ligand Interactions in Molecular Imprinting. , 0, , .		6