

ZÃ¼rk

List of Publications by Year in descending order

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64
papers

1,932
citations

201575

27
h-index

265120

42
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64
all docs

64
docs citations

64
times ranked

1657
citing authors

#	ARTICLE	IF	CITATIONS
1	First Report for the Electrooxidation of Antifungal Anidulafungin: Application to its Voltammetric Determination in Parenteral Lyophilized Formulation Using a Boronâ€doped Diamond Electrode in the Presence of Anionic Surfactant. <i>Electroanalysis</i> , 2022, 34, 1487-1498.	1.5	5
2	First electrochemical study of a potent antifungal drug caspofungin: Application to its enhanced voltammetric sensing based on the performance of boron-doped diamond electrode in CTAB-mediated measurements. <i>Diamond and Related Materials</i> , 2022, 125, 109031.	1.8	4
3	The effect of CTAB, a cationic surfactant, on the adsorption ability of the boron-doped diamond electrode: Application for voltammetric sensing of Bisphenol A and Hydroquinone in water samples. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125916.	2.3	37
4	Electrooxidation of tetracycline antibiotic demeclocycline at unmodified boron-doped diamond electrode and its enhancement determination in surfactant-containing media. <i>Talanta</i> , 2021, 223, 121695.	2.9	37
5	First report for the electrochemical investigation of a new HIV integrase inhibitor dolutegravir: Its voltammetric determination in tablet dosage forms and human urine using a boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2021, 114, 108332.	1.8	9
6	First electrochemical evaluation of favipiravir used as an antiviral option in the treatment of COVID-19: A study of its enhanced voltammetric determination in cationic surfactant media using a boron-doped diamond electrode. <i>Analytica Chimica Acta</i> , 2021, 1159, 338418.	2.6	60
7	Adsorptive stripping voltammetric determination of higenamine on a boron-doped diamond electrode improved by the use of an anionic surfactant. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127174.	4.0	32
8	A Simple Approach to Simultaneous Electroanalytical Quantification of Acetaminophen and Tramadol Using a Boronâ€doped Diamond Electrode in the Existence of Sodium Dodecyl Sulfate. <i>Electroanalysis</i> , 2020, 32, 429-436.	1.5	9
9	Individual and simultaneous electroanalytical sensing of epinephrine and lidocaine using an anodically pretreated boron-doped diamond electrode by square-wave voltammetry. <i>Diamond and Related Materials</i> , 2020, 101, 107649.	1.8	17
10	Electrochemical Determination of Fluoroquinolone Antibiotic Norfloxacin in the Presence of Anionic Surfactant Using the Anodically Pretreated Boronâ€Doped Diamond Electrode. <i>ChemistrySelect</i> , 2020, 5, 12862-12868.	0.7	13
11	Electrochemical and analytical performance of cathodically pretreated boron-doped diamond electrode for the determination of oxazolidinone antibiotic linezolid in cationic surfactant media. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114681.	1.9	12
12	First electroanalytical investigation and simple quantification of a thrombopoietin-receptor agonist drug eltrombopag in the presence of cationic surfactant at a non-modified boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2020, 110, 108146.	1.8	12
13	Square-Wave Adsorptive Stripping Voltammetric Determination of Hesperidin Using a Boron-Doped Diamond Electrode. <i>Journal of Analytical Chemistry</i> , 2020, 75, 653-661.	0.4	13
14	Electroanalytical investigation and determination of hepatitis C antiviral drug ledipasvir at a non-modified boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2020, 108, 107962.	1.8	20
15	Simple and sensitive electrochemical determination of higenamine in dietary supplements using a disposable pencil graphite electrode. <i>Monatshefte FÃ¼r Chemie</i> , 2020, 151, 301-307.	0.9	4
16	Voltammetric sensing of dinitrophenolic herbicide dinoterb on cathodically pretreated boron-doped diamond electrode in the presence of cationic surfactant. <i>Microchemical Journal</i> , 2020, 155, 104772.	2.3	24
17	First Electroanalytical Methodology for the Determination of Hordenine in Dietary Supplements using a Boronâ€doped Diamond Electrode. <i>Electroanalysis</i> , 2019, 31, 2283-2289.	1.5	8
18	Simple, rapid, and sensitive electrochemical determination of antithyroid drug methimazole using a boron-doped diamond electrode. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 913-920.	1.2	13

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19	Electroanalytical determination of enrofloxacin based on the enhancement effect of the anionic surfactant at anodically pretreated boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2018, 84, 95-102.	1.8	46
20	Selective and simultaneous determination of total chlorogenic acids, vanillin and caffeine in foods and beverages by adsorptive stripping voltammetry using a cathodically pretreated boron-doped diamond electrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 398-408.	4.0	74
21	Voltammetric sensing of triclosan in the presence of cetyltrimethylammonium bromide using a cathodically pretreated boron-doped diamond electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 1226-1241.	1.8	22
22	A Graphene-based Electrochemical Sensor for the Individual, Selective and Simultaneous Determination of Total Chlorogenic Acids, Vanillin and Caffeine in Food and Beverage Samples. <i>Electroanalysis</i> , 2018, 30, 2011-2020.	1.5	21
23	The performance of cathodically pretreated boron-doped diamond electrode in cationic surfactant media for enhancing the adsorptive stripping voltammetric determination of catechol-containing flavonoid quercetin in apple juice. <i>Talanta</i> , 2018, 187, 156-164.	2.9	49
24	Electroanalytical determination of Salbutamol in pharmaceutical formulations using cathodically pretreated boron-doped diamond electrode. <i>Journal of Research in Pharmacy</i> , 2018, 22, 144-152.	0.1	4
25	A Reduced Graphene Oxide-based Electrochemical DNA Biosensor for the Detection of Interaction between Cisplatin and DNA based on Guanine and Adenine Oxidation Signals. <i>Electroanalysis</i> , 2017, 29, 1451-1458.	1.5	24
26	Voltammetric Method for the Simultaneous Determination of Melatonin and Pyridoxine in Dietary Supplements Using a Cathodically Pretreated Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2017, 29, 1691-1699.	1.5	36
27	Simultaneous voltammetric determination of vanillin and caffeine in food products using an anodically pretreated boron-doped diamond electrode: Its comparison with HPLC-DAD. <i>Talanta</i> , 2017, 170, 384-391.	2.9	79
28	Voltammetric Investigation of Antiviral Drug Valacyclovir at a Boron-Doped Diamond Electrode in Different Electrolyte Media: Its Determination Enhanced by Anionic Surfactant in Pharmaceuticals and Biological Fluids. <i>Current Pharmaceutical Analysis</i> , 2017, 13, 175-187.	0.3	20
29	Graphene/Nafion composite film modified glassy carbon electrode for simultaneous determination of paracetamol, aspirin and caffeine in pharmaceutical formulations. <i>Talanta</i> , 2016, 158, 21-29.	2.9	60
30	Electrochemical determination of pterostilbene at a cathodically pretreated boron-doped diamond electrode using square-wave adsorptive anodic stripping voltammetry in cationic surfactant media. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 688-695.	4.0	37
31	Voltammetric Sensor Based on Boron-Doped Diamond Electrode for Simultaneous Determination of Paracetamol, Caffeine, and Aspirin in Pharmaceutical Formulations. <i>IEEE Sensors Journal</i> , 2016, 16, 1674-1680.	2.4	30
32	Voltammetric Behavior of Testosterone on Bismuth Film Electrode: Highly Sensitive Determination in Pharmaceuticals and Human Urine by Square-Wave Adsorptive Stripping Voltammetry. <i>Electroanalysis</i> , 2015, 27, 1219-1228.	1.5	16
33	Sensitive voltammetric determination of testosterone in pharmaceuticals and human urine using a glassy carbon electrode in the presence of cationic surfactant. <i>Electrochimica Acta</i> , 2014, 128, 54-60.	2.6	40
34	Electrochemical performance of boron-doped diamond electrode in surfactant-containing media for ambroxol determination. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 517-526.	4.0	55
35	Electrochemical evaluation and adsorptive stripping voltammetric determination of capsaicin or dihydrocapsaicin on a disposable pencil graphite electrode. <i>Talanta</i> , 2013, 112, 11-19.	2.9	52
36	Voltammetric behavior of rutin at a boron-doped diamond electrode. Its electroanalytical determination in a pharmaceutical formulation. <i>Open Chemistry</i> , 2013, 11, 1674-1681.	1.0	9

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37	Determination of vanillin in commercial food product by adsorptive stripping voltammetry using a boron-doped diamond electrode. <i>Food Chemistry</i> , 2013, 141, 1821-1827.	4.2	95
38	Voltammetric determination of mixtures of caffeine and chlorogenic acid in beverage samples using a boron-doped diamond electrode. <i>Talanta</i> , 2013, 116, 1010-1017.	2.9	81
39	Analysis of Carcinogenic Polycyclic Aromatic Hydrocarbons (PAHS): An Overview of Modern Electroanalytical Techniques and their Applications. <i>Current Drug Delivery</i> , 2013, 10, 76-91.	0.8	7
40	Determination of 7,12-Dimethylbenz[a]Anthracene in Orally Treated Rats by High-Performance Liquid Chromatography and Transfer Stripping Voltammetry. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2012, 15, 418-426.	0.6	2
41	Voltammetric behavior of benzo[a]pyrene at boron-doped diamond electrode: A study of its determination by adsorptive transfer stripping voltammetry based on the enhancement effect of anionic surfactant, sodium dodecylsulfate. <i>Talanta</i> , 2011, 85, 441-448.	2.9	52
42	Electrooxidation of thiourea and its square-wave voltammetric determination using pencil graphite electrode. <i>Reviews in Analytical Chemistry</i> , 2011, 30, .	1.5	15
43	Analytical methods for determination of selective serotonin reuptake inhibitor antidepressants. <i>Reviews in Analytical Chemistry</i> , 2011, 30, .	1.5	14
44	Colorimetric and Atomic Absorption Spectrometric Determination of Mucolytic Drug Ambroxol Through Ion-Pair Formation with Iron and Thiocyanate. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 675-682.	0.6	4
45	Voltammetry of Benzo[a]pyrene in Aqueous and Nonaqueous Media: Adsorptive Stripping Voltammetric Determination at Pencil Graphite Electrode. <i>Electroanalysis</i> , 2010, 22, 1191-1199.	1.5	28
46	Palladium(II) and platinum(II) complexes of a symmetric Schiff base derived from 2,6-diformyl-4-methylphenol with N-aminopyrimidine: Synthesis, characterization and detection of DNA interaction by voltammetry. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4215-4220.	2.6	24
47	A new pyrimidine-derived ligand, <i>N</i> -pyrimidine oxalamic acid, and its Cu(II), Co(II), Mn(II), Ni(II), Zn(II), Cd(II), and Pd(II) complexes: synthesis, characterization, electrochemical properties, and biological activity. <i>Journal of Coordination Chemistry</i> , 2010, 63, 848-860.	0.8	34
48	The Natural Diatomite from Caldiran-Van (Turkey): Electroanalytical Application to Antimigraine Compound Naratriptan at Modified Carbon Paste Electrode. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 703-711.	0.6	8
49	Synthesis, characterization, cyclic voltammetry, and antimicrobial properties of <i>N</i> -(5-benzoyl-2-oxo-4-phenyl-2H-pyrimidin-1-yl)-malonamic acid and its metal complexes. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1986-2001.	0.8	15
50	Development of an Ion-Pair HPLC Method for Determination of Acebutolol in Pharmaceuticals. <i>Analytical Letters</i> , 2010, 43, 1448-1456.	1.0	5
51	Voltammetric behavior of nicotine at pencil graphite electrode and its enhancement determination in the presence of anionic surfactant. <i>Electrochimica Acta</i> , 2009, 55, 190-195.	2.6	120
52	Electrooxidation of the antiviral drug valacyclovir and its square-wave and differential pulse voltammetric determination in pharmaceuticals and human biological fluids. <i>Analytica Chimica Acta</i> , 2006, 555, 341-347.	2.6	49
53	Electroanalytical Characteristics of Amisulpride and Voltammetric Determination of the Drug in Pharmaceuticals and Biological Media. <i>Electroanalysis</i> , 2004, 16, 231-237.	1.5	45
54	Voltammetric Oxidation of Ambroxol and Application to Its Determination in Pharmaceuticals and in Drug Dissolution Studies. <i>Electroanalysis</i> , 2003, 15, 230-234.	1.5	26

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55	Simultaneous determination of metronidazole and miconazole in pharmaceutical dosage forms by RP-HPLC. <i>Il Farmaco</i> , 2002, 57, 953-957.	0.9	45
56	Determination of theophylline and ephedrine HCL in tablets by ratio-spectra derivative spectrophotometry and LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 291-298.	1.4	29
57	Electrooxidation of pimoziide and its differential pulse voltammetric and HPLC-EC determination. <i>Analytica Chimica Acta</i> , 2002, 453, 221-229.	2.6	18
58	RAPID AND ACCURATE SIMULTANEOUS DETERMINATION OF FOSINOPRIL SODIUM AND HYDROCHLOROTHIAZIDE IN TABLETS BY HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 983-991.	0.5	12
59	Simultaneous determination of valsartan and hydrochlorothiazide in tablets by first-derivative ultraviolet spectrophotometry and LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 25, 1009-1013.	1.4	104
60	CAPILLARY ELECTROPHORETIC BEHAVIOUR AND DETERMINATION OF ENOXACIN IN PHARMACEUTICAL PREPARATIONS AND HUMAN SERUM. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 2455-2467.	0.5	4
61	Voltammetric investigation of oxidation of zuclopenthixol and application to its determination in dosage forms and in drug dissolution studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 315-323.	1.4	15
62	Self-assembled monolayer gold electrode for surfactant analysis. <i>Journal of Solid State Electrochemistry</i> , 1997, 1, 155-160.	1.2	12
63	Electrochemical behavior of H ₂ O ₂ on gold. <i>Electroanalysis</i> , 1997, 9, 1088-1092.	1.5	64
64	Investigation of the mechanism of the electrochemical oxidation of bamipine hydrochloride by voltammetry. <i>Analyst, The</i> , 1989, 114, 181-184.	1.7	2