ZÃ¼hre SentÃ¼rk

List of Publications by Year
in descending order

64 papers	1,932 citations	201575 27 h-index	265120 42 g-index
64 all docs	64 docs citations	64 times ranked	1657 citing authors

#	Article	IF	Citations
1	Voltammetric behavior of nicotine at pencil graphite electrode and its enhancement determination in the presence of anionic surfactant. Electrochimica Acta, 2009, 55, 190-195.	2.6	120
2	Simultaneous determination of valsartan and hydrochlorothiazide in tablets by first-derivative ultraviolet spectrophotometry and LC. Journal of Pharmaceutical and Biomedical Analysis, 2001, 25, 1009-1013.	1.4	104
3	Determination of vanillin in commercial food product by adsorptive stripping voltammetry using a boron-doped diamond electrode. Food Chemistry, 2013, 141, 1821-1827.	4.2	95
4	Voltammetric determination of mixtures of caffeine and chlorogenic acid in beverage samples using a boron-doped diamond electrode. Talanta, 2013, 116, 1010-1017.	2.9	81
5	Simultaneous voltammetric determination of vanillin and caffeine in food products using an anodically pretreated boron-doped diamond electrode: Its comparison with HPLC-DAD. Talanta, 2017, 170, 384-391.	2.9	79
6	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. Sensors and Actuators B: Chemical, 2018, 257, 398-408.	4.0	74
7	Electrochemical behavior of H2O2 on gold. Electroanalysis, 1997, 9, 1088-1092.	1.5	64
8	Graphene/Nafion composite film modified glassy carbon electrode for simultaneous determination of paracetamol, aspirin and caffeine in pharmaceutical formulations. Talanta, 2016, 158, 21-29.	2.9	60
9	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. Analytica Chimica Acta, 2021, 1159, 338418.	2.6	60
10	Electrochemical performance of boron-doped diamond electrode in surfactant-containing media for ambroxol determination. Sensors and Actuators B: Chemical, 2014, 203, 517-526.	4.0	55
11	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. Talanta, 2011, 85, 441-448.	2.9	52
12	Electrochemical evaluation and adsorptive stripping voltammetric determination of capsaicin or dihydrocapsaicin on a disposable pencil graphite electrode. Talanta, 2013, 112, 11-19.	2.9	52
13	Electrooxidation of the antiviral drug valacyclovir and its square-wave and differential pulse voltammetric determination in pharmaceuticals and human biological fluids. Analytica Chimica Acta, 2006, 555, 341-347.	2.6	49
14	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. Talanta, 2018, 187, 156-164.	2.9	49
15	Electroanalytical determination of enrofloxacin based on the enhancement effect of the anionic surfactant at anodically pretreated boron-doped diamond electrode. Diamond and Related Materials, 2018, 84, 95-102.	1.8	46
16	Simultaneous determination of metronidazole and miconazole in pharmaceutical dosage forms by RP-HPLC. Il Farmaco, 2002, 57, 953-957.	0.9	45
17	Electroanalytical Characteristics of Amisulpride and Voltammetric Determination of the Drug in Pharmaceuticals and Biological Media. Electroanalysis, 2004, 16, 231-237.	1.5	45
18	Sensitive voltammetric determination of testosterone in pharmaceuticals and human urine using a glassy carbon electrode in the presence of cationic surfactant. Electrochimica Acta, 2014, 128, 54-60.	2.6	40

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19	Electrochemical determination of pterostilbene at a cathodically pretreated boron-doped diamond electrode using square-wave adsorptive anodic stripping voltammetry in cationic surfactant media. Sensors and Actuators B: Chemical, 2016, 231, 688-695.	4.0	37
20	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. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 610, 125916.	2.3	37
21	Electrooxidation of tetracycline antibiotic demeclocycline at unmodified boron-doped diamond electrode and its enhancement determination in surfactant-containing media. Talanta, 2021, 223, 121695.	2.9	37
22	Voltammetric Method for the Simultaneous Determination of Melatonin and Pyridoxine in Dietary Supplements Using a Cathodically Pretreated Boronâ€doped Diamond Electrode. Electroanalysis, 2017, 29, 1691-1699.	1.5	36
23	A new pyrimidine-derived ligand,N-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. Journal of Coordination Chemistry, 2010, 63, 848-860.	0.8	34
24	Adsorptive stripping voltammetric determination of higenamine on a boron-doped diamond electrode improved by the use of an anionic surfactant. Sensors and Actuators B: Chemical, 2020, 303, 127174.	4.0	32
25	Voltammetric Sensor Based on Boron-Doped Diamond Electrode for Simultaneous Determination of Paracetamol, Caffeine, and Aspirin in Pharmaceutical Formulations. IEEE Sensors Journal, 2016, 16, 1674-1680.	2.4	30
26	Determination of theophylline and ephedrine HCL in tablets by ratio-spectra derivative spectrophotometry and LC. Journal of Pharmaceutical and Biomedical Analysis, 2002, 29, 291-298.	1.4	29
27	Voltammetry of Benzo[a]pyrene in Aqueous and Nonaqueous Media: Adsorptive Stripping Voltammetric Determination at Pencil Graphite Electrode. Electroanalysis, 2010, 22, 1191-1199.	1.5	28
28	Voltammetric Oxidation of Ambroxol and Application to Its Determination in Pharmaceuticals and in Drug Dissolution Studies. Electroanalysis, 2003, 15, 230-234.	1.5	26
29	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. European Journal of Medicinal Chemistry, 2010, 45, 4215-4220.	2.6	24
30	A Reduced Graphene Oxideâ€based Electrochemical DNA Biosensor for the Detection of Interaction between Cisplatin and DNA based on Guanine and Adenine Oxidation Signals. Electroanalysis, 2017, 29, 1451-1458.	1.5	24
31	Voltammetric sensing of dinitrophenolic herbicide dinoterb on cathodically pretreated boron-doped diamond electrode in the presence of cationic surfactant. Microchemical Journal, 2020, 155, 104772.	2.3	24
32	Voltammetric sensing of triclosan in the presence of cetyltrimethylammonium bromide using a cathodically pretreated boron-doped diamond electrode. International Journal of Environmental Analytical Chemistry, 2018, 98, 1226-1241.	1.8	22
33	A Grapheneâ€based Electrochemical Sensor for the Individual, Selective and Simultaneous Determination of Total Chlorogenic Acids, Vanillin and Caffeine in Food and Beverage Samples. Electroanalysis, 2018, 30, 2011-2020.	1.5	21
34	Electroanalytical investigation and determination of hepatitis C antiviral drug ledipasvir at a non-modified boron-doped diamond electrode. Diamond and Related Materials, 2020, 108, 107962.	1.8	20
35	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. Current Pharmaceutical Analysis, 2017, 13, 175-187.	0.3	20
36	Electrooxidation of pimozide and its differential pulse voltammetric and HPLCâ€“EC determination. Analytica Chimica Acta, 2002, 453, 221-229.	2.6	18

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37	Individual and simultaneous electroanalytical sensing of epinephrine and lidocaine using an anodically pretreated boron-doped diamond electrode by square-wave voltammetry. Diamond and Related Materials, 2020, 101, 107649.	1.8	17
38	Voltammetric Behavior of Testosterone on Bismuth Film Electrode: Highly Sensitive Determination in Pharmaceuticals and Human Urine by Squareâ€Wave Adsorptive Stripping Voltammetry. Electroanalysis, 2015, 27, 1219-1228.	1.5	16
39	Voltammetric investigation of oxidation of zuclopenthixol and application to its determination in dosage forms and in drug dissolution studies. Journal of Pharmaceutical and Biomedical Analysis, 2000, 22, 315-323.	1.4	15
40	Synthesis, characterization, cyclic voltammetry, and antimicrobial properties of N-(5-benzoyl-2-oxo-4-phenyl-2H-pyrimidine-1-yl)-malonamic acid and its metal complexes. Journal of Coordination Chemistry, 2010, 63, 1986-2001.	0.8	15
41	Electrooxidation of thiourea and its square-wave voltammetric determination using pencil graphite electrode. Reviews in Analytical Chemistry, 2011, 30, .	1.5	15
42	Analytical methods for determination of selective serotonin reuptake inhibitor antidepressants. Reviews in Analytical Chemistry, 2011, 30, .	1.5	14
43	Simple, rapid, and sensitive electrochemical determination of antithyroid drug methimazole using a boron-doped diamond electrode. Journal of the Iranian Chemical Society, 2019, 16, 913-920.	1.2	13
44	Electrochemical Determination of Fluoroquinolone Antibiotic Norfloxacin in the Presence of Anionic Surfactant Using the Anodically Pretreated Boronâ€Doped Diamond Electrode. ChemistrySelect, 2020, 5, 12862-12868.	0.7	13
45	Square-Wave Adsorptive Stripping Voltammetric Determination of Hesperidin Using a Boron-Doped Diamond Electrode. Journal of Analytical Chemistry, 2020, 75, 653-661.	0.4	13
46	Self-assembled monolayer gold electrode for surfactant analysis. Journal of Solid State Electrochemistry, 1997, 1, 155-160.	1.2	12
47	RAPID AND ACCURATE SIMULTANEOUS DETERMINATION OF FOSINOPRIL SODIUM AND HYDROCHLOROTHIAZIDE IN TABLETS BY HPLC. Journal of Liquid Chromatography and Related Technologies, 2001, 24, 983-991.	0.5	12
48	Electrochemical and analytical performance of cathodically pretreated boron-doped diamond electrode for the determination of oxazolidinone antibiotic linezolid in cationic surfactant media. Journal of Electroanalytical Chemistry, 2020, 878, 114681.	1.9	12
49	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. Diamond and Related Materials, 2020, 110, 108146.	1.8	12
50	Voltammetric behavior of rutin at a boron-doped diamond electrode. Its electroanalytical determination in a pharmaceutical formulation. Open Chemistry, 2013, 11, 1674-1681.	1.0	9
51	A Simple Approach to Simultaneous Electroanalytical Quantification of Acetaminophen and Tramadol Using a Boronâ€doped Diamond Electrode in the Existence of Sodium Dodecyl Sulfate. Electroanalysis, 2020, 32, 429-436.	1.5	9
52	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. Diamond and Related Materials, 2021, 114, 108332.	1.8	9
53	The Natural Diatomite from Caldiran-Van (Turkey): Electroanalytical Application to Antimigraine Compound Naratriptan at Modified Carbon Paste Electrode. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 703-711.	0.6	8
54	First Electroanalytical Methodology for the Determination of Hordenine in Dietary Supplements using a Boronâ€doped Diamond Electrode. Electroanalysis, 2019, 31, 2283-2289.	1.5	8

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55	Analysis of Carcinogenic Polycyclic Aromatic Hydrocarbons (PAHS): An Overview of Modern Electroanalytical Techniques and their Applications. Current Drug Delivery, 2013, 10, 76-91.	0.8	7
56	Development of an Ion-Pair HPLC Method for Determination of Acebutolol in Pharmaceuticals. Analytical Letters, 2010, 43, 1448-1456.	1.0	5
57	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. Electroanalysis, 2022, 34, 1487-1498.	1.5	5
58	CAPILLARY ELECTROPHORETIC BEHAVIOUR AND DETERMINATION OF ENOXACIN IN PHARMACEUTICAL PREPARATIONS AND HUMAN SERUM. Journal of Liquid Chromatography and Related Technologies, 2001, 24, 2455-2467.	0.5	4
59	Colorimetric and Atomic Absorption Spectrometric Determination of Mucolytic Drug Ambroxol Through Ion-Pair Formation with Iron and Thiocyanate. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 675-682.	0.6	4
60	Simple and sensitive electrochemical determination of higenamine in dietary supplements using a disposable pencil graphite electrode. Monatshefte FÃ¼r Chemie, 2020, 151, 301-307.	0.9	4
61	Electroanalytical determination of Salbutamol in pharmaceutical formulations using cathodically pretreated boron-doped diamond electrode. Journal of Research in Pharmacy, 2018, 22, 144-152.	0.1	4
62	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. Diamond and Related Materials, 2022, 125, 109031.	1.8	4
63	Investigation of the mechanism of the electrochemical oxidation of bamipine hydrochloride by voltammetry. Analyst, The, 1989, 114, 181-184.	1.7	2
64	Determination of 7,12-Dimethylbenz[a]Anthracene in Orally Treated Rats by High-Performance Liquid Chromatography and Transfer Stripping Voltammetry. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 418-426.	0.6	2