

Fahimeh Jalali

List of Publications by Year in descending order

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61
papers

1,594
citations

257357

24
h-index

315616

38
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61
all docs

61
docs citations

61
times ranked

1807
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified magnetic-metal organic framework as a green and efficient adsorbent for removal of heavy metals. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107297.	3.3	31
2	Hierarchical NiCo ₂ O ₄ /CuO-C nanocomposite derived from copper-based metal organic framework and Ni/Co hydroxides: Excellent electrocatalytic activity towards methanol oxidation. <i>Journal of Alloys and Compounds</i> , 2022, 907, 164510.	2.8	28
3	Magnetically induced catalytic electrooxidation of As(III) on GC modified Fe@Cu-BTC MOF nanoparticles: Application for determination of As(III). <i>Surfaces and Interfaces</i> , 2022, 30, 101946.	1.5	0
4	Carbon Nanodots in Electrochemical Sensors and Biosensors: A Review. <i>ChemElectroChem</i> , 2021, 8, 15-35.	1.7	64
5	Remarkable electrocatalytic activity of Ni-nanoparticles on MOF-derived ZrO ₂ -porous carbon/reduced graphene oxide towards methanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 10723-10738.	3.8	29
6	Zr-MOF@Polyaniline as an efficient platform for nickel deposition: Application to methanol electro-oxidation. <i>Fuel</i> , 2021, 296, 120677.	3.4	22
7	Magnetic solid-phase extraction using metal-organic framework-based biosorbent followed by ligandless deep-eutectic solvent-ultrasounds-assisted dispersive liquid-liquid microextraction (DES-USA-DLLME) for preconcentration of mercury (II). <i>Microchemical Journal</i> , 2021, 166, 106209.	2.3	32
8	Electrospun nanofibers as a new solid phase microextraction coating for determination of volatile organic impurities in biological products. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1153, 122279.	1.2	3
9	Zinc oxide-gold nanocomposite as a proper platform for label-free DNA biosensor. <i>Bioelectrochemistry</i> , 2020, 133, 107458.	2.4	33
10	Electrochemical Sensor Based on a Nanocomposite of Carbon Dots, Hexadecyltrimethylammonium Bromide and Chitosan for Mesalazine Determination. <i>Journal of Analytical Chemistry</i> , 2020, 75, 544-552.	0.4	18
11	Application of metal-organic framework as redox probe in an electrochemical aptasensor for sensitive detection of MUC1. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111433.	5.3	49
12	Simultaneous voltammetric determination of nitrophenol isomers based on a modified electrode by silver nanowires and poly-L-arginine. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, , 1-13.	1.8	2
13	Simultaneous determination of DOPA, tyrosine and uric acid by cysteic acid - modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2019, 98, 496-502.	3.8	36
14	Electrochemical fabrication of a novel ZnO/cysteic acid nanocomposite modified electrode and its application to simultaneous determination of sunset yellow and tartrazine. <i>Food Chemistry</i> , 2017, 227, 73-77.	4.2	113
15	Interaction of anthelmintic drug (thiabendazole) with DNA: Spectroscopic and molecular modeling studies. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3947-S3954.	2.3	37
16	Application of carbon nanotubes-ionic liquid hybrid in a sensitive atorvastatin ion-selective electrode. <i>Materials Science and Engineering C</i> , 2016, 69, 276-282.	3.8	15
17	New nanostructure of polydimethylsiloxane coating as a solid-phase microextraction fiber: Application to analysis of BTEX in aquatic environmental samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 287-295.	1.2	12
18	Differential pulse voltammetric determination of nanomolar concentrations of antiviral drug acyclovir at polymer film modified glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2016, 61, 858-864.	3.8	31

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19	Highly selective electrode for potentiometric analysis of methadone in biological fluids and pharmaceutical formulations. <i>Materials Science and Engineering C</i> , 2016, 63, 30-36.	3.8	11
20	Fast Electrocatalytic Determination of Methimazole at an Activated Glassy Carbon Electrode. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 735-741.	0.3	5
21	Spectral, electrochemical, and molecular docking evaluation of the interaction of the anti-hyperthyroid drug methimazole with DNA. <i>Canadian Journal of Chemistry</i> , 2015, 93, 1132-1139.	0.6	3
22	Electrochemical, spectroscopic, and theoretical studies on the interaction between azathioprine and DNA. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 427-434.	3.6	28
23	Voltammetric determination of immunosuppressive agent, azathioprine, by using a graphene-chitosan modified-glassy carbon electrode. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 70-76.	0.3	16
24	A Nanocomposite of Poly(melamine) and Electrochemically Reduced Graphene Oxide Decorated with Cu Nanoparticles: Application to Simultaneous Determination of Hydroquinone and Catechol. <i>Journal of the Electrochemical Society</i> , 2015, 162, B237-B244.	1.3	25
25	Electrospun nanostructured polystyrene as a new coating material for solid-phase microextraction: Application to separation of multipesticides from honey samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 387-393.	1.2	33
26	Sensitive determination of atorvastatin in human plasma by dispersive liquid-liquid microextraction and solidification of floating organic drop followed by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 309-315.	1.3	39
27	Sensitive amperometric determination of methimazole based on the electrocatalytic effect of rutin/multi-walled carbon nanotube film. <i>Bioelectrochemistry</i> , 2015, 101, 66-74.	2.4	20
28	Surface-confined amantadine- β -cyclodextrin inclusion complex: voltammetric study and application. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 81, 153-160.	0.9	3
29	Electrocatalytic oxidation of captopril using a carbon-paste electrode modified with copper-cobalt hexacyanoferrate. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 482-489.	0.3	8
30	Binding of the neuroleptic drug, gabapentin, to bovine serum albumin: Insights from experimental and computational studies. <i>Journal of Luminescence</i> , 2014, 148, 347-352.	1.5	22
31	Novel sensitive electrochemical sensor for simultaneous determination of epinephrine and uric acid by using a nanocomposite of MWCNTs-chitosan and gold nanoparticles attached to thioglycolic acid. <i>Sensors and Actuators B: Chemical</i> , 2014, 200, 251-258.	4.0	53
32	Spectrofluorimetric study and determination of desipramine in the presence of β -cyclodextrin. <i>Journal of Analytical Chemistry</i> , 2014, 69, 367-370.	0.4	3
33	Voltammetric Determination of Gabapentin by a Carbon Ceramic Electrode Modified with Multiwalled Carbon Nanotubes and Nickel-Catechol Complex. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
34	Determination of free formaldehyde in vaccines and biological samples using solid-phase microextraction coupled to GC-MS. <i>Journal of Separation Science</i> , 2013, 36, 3883-3888.	1.3	18
35	Investigation of the Interaction of Sertraline with Calf Thymus DNA by Spectroscopic Methods. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	5
36	A Kinetic Study on Electrooxidation of Propyl-Thiouราซิล: An Anti-Hyperthyroid Drug by Potassium Iodide. <i>Journal of the Electrochemical Society</i> , 2013, 160, H710-H714.	1.3	1

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37	Electrocatalytic determination of anti-hyperthyroid drug, methimazole, using a modified carbon-paste electrode. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 269-274.	0.2	6
38	Electrochemical and spectroscopic studies of the interaction between the neuroleptic drug, gabapentin, and DNA. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 598-601.	1.4	26
39	Homogeneous electrocatalytic oxidation of captopril by iodide and its application to pharmaceutical analysis. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 889-894.	1.2	2
40	Voltammetric Determination of Captopril Using Chlorpromazine as a Homogeneous Mediator. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-6.	2.4	13
41	Micellization of Cetyltrimethylammonium Bromide (CTAB) in Mixed Solvents and in the Presence of Potassium Bromide. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 659-666.	1.3	20
42	Amperometric Determination of Cholesterol-Reducing Drug, Ezetimibe, Using Glassy Carbon Electrode Modified with Multiwalled Carbon Nanotubes and Sodium Dodecylsulfate. <i>Analytical Letters</i> , 2010, 43, 1481-1490.	1.0	5
43	Measurement of Dissolved Oxygen in Biological Fluids by Using a Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2009, 21, 201-205.	1.5	4
44	Cloud point extraction-preconcentration and flame atomic absorption spectrometric determination of low levels of zinc in water and blood serum samples. <i>Open Chemistry</i> , 2009, 7, 938-944.	1.0	12
45	Potentiometric Determination of Trace Amounts of Amantadine Using a Modified Carbon-Paste Electrode. <i>Analytical Sciences</i> , 2009, 25, 1227-1230.	0.8	12
46	Spectrofluorimetric Study and Detection of Ketoconazole in the Presence of β -cyclodextrin. <i>Journal of Fluorescence</i> , 2008, 18, 219-225.	1.3	10
47	Conductance study of the thermodynamics of complexation of amantadine, rimantadine and aminocyclohexane with some macrocyclic compounds in acetonitrile solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 61, 77-82.	1.6	4
48	Conductance study of the thermodynamics of micellization of 1-hexadecylpyridinium bromide in mixed solvents containing dilute electrolyte solutions. <i>Journal of the Iranian Chemical Society</i> , 2008, 5, 309-315.	1.2	24
49	Extractive Spectrophotometric Determination of Fluconazole by Ion-Pair Complex Formation with Bromocresol Green. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1300-1303.	2.6	0
50	Preparation of a gabapentin potentiometric sensor and its application to pharmaceutical analysis. <i>Sensors and Actuators B: Chemical</i> , 2007, 127, 304-309.	4.0	22
51	Preparation of a Novel Iodide-Selective Electrode Based on Iodide-Miconazole Ion-Pair and Its Application to Pharmaceutical Analysis. <i>Analytical Sciences</i> , 2005, 21, 1533-1535.	0.8	56
52	Preparation of a diclofenac potentiometric sensor and its application to pharmaceutical analysis and to drug recovery from biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 943-947.	1.4	67
53	Preparation of an Atenolol Ion-Selective Electrode and its Application to Pharmaceutical Analysis. <i>Analytical Letters</i> , 2005, 38, 401-410.	1.0	21
54	PREPARATION OF A CLOTRIMAZOLE ION-SELECTIVE ELECTRODE AND ITS APPLICATION TO PHARMACEUTICAL ANALYSIS. <i>Analytical Letters</i> , 2002, 35, 53-64.	1.0	15

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55	Synthesis, characterization, and X-ray crystal structures of Co(II) and La(III) complexes of a pyridine containing self-assembling system and solution studies of the Co(II) complex. Canadian Journal of Chemistry, 2002, 80, 1687-1696.	0.6	55
56	Fluorometric Chemosensors. Interaction of Toxic Heavy Metal Ions PbII, CdII, and HgII with Novel Mixed-Donor Phenanthroline-Containing Macrocycles: A Spectrofluorometric, Conductometric, and Crystallographic Studies. Inorganic Chemistry, 2002, 41, 6623-6632.	1.9	151
57	Preparation of a cimetidine ion-selective electrode and its application to pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2002, 27, 867-872.	1.4	42
58	A novel pyridine containing self-assembling system: synthesis, characterization, X-ray crystal structure, ¹³ C solid phase NMR and solution studies. Journal of Molecular Structure, 2002, 605, 133-149.	1.8	66
59	Preparation of a Ketoconazole Ion-Selective Electrode and Its Application to Pharmaceutical Analysis.. Analytical Sciences, 2000, 16, 549-552.	0.8	28
60	Conductance study of the thermodynamics of micellization of 1-hexadecylpyridinium bromide in (water + cosolvent). Journal of Chemical Thermodynamics, 2000, 32, 755-765.	1.0	75
61	Spectrophotometric Determination of Trace Amounts of Nitrite Ion Based on Its Catalytic Effect in the Reaction between Thymol Blue and Bromate. Microchemical Journal, 1997, 57, 224-230.	2.3	10