

Ali Mohammadi

List of Publications by Year in descending order

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82
papers

1,725
citations

257450
24
h-index

315739
38
g-index

82
all docs

82
docs citations

82
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Sensing Platform Based on Graphene Oxideâ€chitosan for Simultaneous Determination of some Antihypertensive Drugs. <i>Electroanalysis</i> , 2023, 35, .	2.9	2
2	An Electrodifffusion Model Coupled with Fluid-Flow Effects for an On-Chip Electromembrane Extraction System. <i>Transport in Porous Media</i> , 2022, 142, 317-331.	2.6	15
3	Therapeutic roles of CAR T cells in infectious diseases: Clinical lessons learnt from cancer. <i>Reviews in Medical Virology</i> , 2022, 32, e2325.	8.3	6
4	A novel threeâ€dimensional printed device with conductive elements for electromembrane extraction combined with highâ€performance liquid chromatography and ultraviolet detector. <i>Journal of Separation Science</i> , 2022, 45, 3187-3196.	2.5	5
5	Micronization and characterization of ultrafine pure and composite aspirin by CO2-expanded solution. <i>Chemical Papers</i> , 2021, 75, 99-113.	2.2	3
6	Electromembrane extractionâ€highâ€performance liquid chromatographyâ€ultraviolet detection of phenobarbital and phenytoin in human plasma, saliva, and urine. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1522-1530.	1.4	11
7	A computational simulation of electromembrane extraction based on Poisson - Nernst - Planck equations. <i>Analytica Chimica Acta</i> , 2021, 1158, 338414.	5.4	12
8	Construction of a ternary nano-architecture based graphene oxide sheets, toward electrocatalytic determination of tumor-associated anti-p53 autoantibodies in human serum. <i>Talanta</i> , 2021, 230, 122276.	5.5	9
9	Morphology selective construction of Î²-cyclodextrin functionalized Fe3O4-Bi2WO6 nanocomposite with superior adsorptivity and visible-light-driven catalytic activity. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 561-578.	4.4	8
10	Immunoreaction-triggered diagnostic device using reduced graphene oxide/CuO NPs/chitosan ternary nanocomposite, toward enhanced electrochemical detection of albumin. <i>Journal of Electroanalytical Chemistry</i> , 2020, 877, 114642.	3.8	17
11	Electromembrane extraction of phenytoin from biological fluids: A survey on the effects of molecularly imprinted polymer and carbon nanotubes on extraction efficiency. <i>Microchemical Journal</i> , 2020, 156, 104800.	4.5	14
12	Wild Rodents and Their Ectoparasites in an Enzootic Plague Focus, Western Iran. <i>Vector-Borne and Zoonotic Diseases</i> , 2020, 20, 334-347.	1.5	4
13	Preparation, optimization, and in-vitro evaluation of aspirin/PEG solid dispersions using subcritical CO2 by response surface methodology. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2295-2306.	2.7	1
14	Removal of mutagen X â€œMXâ€from drinking water using reduced graphene oxide coated sand particles. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 827-837.	3.0	2
15	Investigation of the effective factors on the mutagen X formation in drinking water by response surface methodology. <i>Journal of Environmental Management</i> , 2019, 251, 109515.	7.8	11
16	Enhancement mitochondrial apoptosis in breast cancer cells by paclitaxel-triphenylphosphonium conjugate in DNA aptamer modified nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101228.	3.0	3
17	Electrochemical Derivatization of Acetaminophen for Indirect Determination of Eflornithine Using Î²â€CD Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2019, 31, 1719-1727.	2.9	6
18	Construction of a TiO 2 â€Fe 3 O 4 â€decorated molecularly imprinted polymer nanocomposite for tartrazine degradation: Response surface methodology modeling and optimization. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 474-483.	1.4	8

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19	Green synthesis and application of nanomagnetic molecularly imprinted polymer for fast solid-phase extraction of brilliant blue FCF from real samples. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	9
20	NiFe ₂ O ₄ nanomagnets prepared through a microwave autocombustion route as an efficient recoverable adsorbent for 2-nitrophenol removal. <i>Particulate Science and Technology</i> , 2019, 37, 528-537.	2.1	6
21	Simultaneous Determination of 2-Nitrophenol and 4-Nitrophenol in Pharmaceutical Industrial Wastewater by Electromembrane Extraction Coupled with HPLC-UV Analysis. <i>Pharmaceutical Sciences</i> , 2019, 25, 57-64.	0.2	8
22	An electromembrane extraction-HPLC-UV analysis for the determination of valproic acid in human plasma. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 989-994.	1.4	12
23	Synthesis of new molecularly imprinted polymer via reversible addition fragmentation transfer polymerization as a drug delivery system. <i>Polymer</i> , 2018, 143, 245-257.	3.8	60
24	Synthesis and characterization of novel water-compatible magnetic molecularly imprinted polymer for tartrazine. <i>Journal of the Chinese Advanced Materials Society</i> , 2018, 6, 706-721.	0.7	7
25	A survey on endoparasites in wild rodents of the Jaz Murian depression and adjacent areas, southeast of Iran. <i>Journal of Parasitic Diseases</i> , 2018, 42, 589-597.	1.0	2
26	Development and Validation of a Stability-Indicating HPLC Method for the Determination of Acarbose in Pharmaceutical Dosage Forms. <i>Journal of Analytical Chemistry</i> , 2018, 73, 910-916.	0.9	5
27	Enhanced photocatalytic degradation of doxycycline using a magnetic polymer-ZnO composite. <i>Water Science and Technology</i> , 2018, 2017, 791-801.	2.5	21
28	Quantitation of zolpidem in biological fluids by electro-driven microextraction combined with HPLC-UV analysis. <i>EXCLI Journal</i> , 2018, 17, 349-361.	0.7	15
29	Determination of Biological Activity of Recombinant Reteplase Using Clot Lysis Time and Activated Partial Thromboplastin Time (APTT) Lysis Methods: A Comparative Study. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1503-1508.	0.5	1
30	Shape-controlled ZnO nanocrystals synthesized via auto combustion method and enhancement of the visible light catalytic activity by decoration on graphene. <i>Journal of Alloys and Compounds</i> , 2017, 703, 396-406.	5.5	26
31	Partially decomposed PVP as a surface modification of ZnO, CdO, ZnS and CdS nanostructures for enhanced stability and catalytic activity towards sulphamethoxazole degradation. <i>Bulletin of Materials Science</i> , 2017, 40, 513-522.	1.7	8
32	Application of polyaniline-multiwalled carbon nanotubes composite fiber for determination of benzaldehyde in injectable pharmaceutical formulations by solid-phase microextraction GC-FID using experimental design. <i>Journal of Analytical Chemistry</i> , 2017, 72, 264-271.	0.9	7
33	Voltammetric determination of paracetamol at NiO nanoparticles-modified carbon paste electrode in bulk and tablet dosage forms. <i>Journal of Analytical Chemistry</i> , 2017, 72, 783-792.	0.9	3
34	Simultaneous Voltammetric Determination of Mefenamic Acid and Paracetamol using Graphene Nanosheets/Nickel Oxide Nanoparticles Modified Carbon Paste Electrode. <i>Journal of Electrochemical Science and Technology</i> , 2017, 8, 282-293.	2.2	7
35	A simple, sensitive and rapid isocratic reversed-phase high-performance liquid chromatography method for determination and stability study of curcumin in pharmaceutical samples. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 444-453.	0.2	1
36	Photocatalytic removal of doxycycline from aqueous solution using ZnO nano-particles: a comparison between UV-C and visible light. <i>Water Science and Technology</i> , 2016, 74, 1658-1670.	2.5	24

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37	Integration of nickel doping with loading on graphene for enhanced adsorptive and catalytic properties of CdS nanoparticles towards visible light degradation of some antibiotics. <i>Journal of Hazardous Materials</i> , 2016, 320, 304-314.	12.4	38
38	Specific targeting delivery to MUC1 overexpressing tumors by albumin-chitosan nanoparticles conjugated to DNA aptamer. <i>International Journal of Pharmaceutics</i> , 2016, 515, 607-615.	5.2	40
39	Electromembrane extraction of tartrazine from food samples: Effects of nano-adsorbents on membrane performance. <i>Journal of Separation Science</i> , 2016, 39, 2642-2651.	2.5	37
40	Electromembrane extraction of gonadotropin-releasing hormone agonists from plasma and wastewater samples. <i>Electrophoresis</i> , 2016, 37, 826-833.	2.4	37
41	Molecular Recognition Ability of Molecularly Imprinted Polymer Nano- and Micro-Particles by Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Polymer Reviews</i> , 2016, 56, 557-583.	10.9	43
42	Enhanced photodegradation of hazardous tartrazine by composite of nanomolecularly imprinted polymer-nanophotocatalyst with high efficiency. <i>Desalination and Water Treatment</i> , 2016, 57, 3142-3151.	1.0	33
43	Microwave-assisted polyol synthesis and characterization of pvp-capped cds nanoparticles for the photocatalytic degradation of tartrazine. <i>Materials Research Bulletin</i> , 2016, 74, 387-396.	5.2	53
44	Paclitaxel molecularly imprinted polymer-PEG-folate nanoparticles for targeting anticancer delivery: Characterization and cellular cytotoxicity. <i>Materials Science and Engineering C</i> , 2016, 62, 626-633.	7.3	69
45	Synthesis and characterization of diethyl-dithiocarbamic acid 2-[4-(2-diethylthiocarbamoylsulfanyl-2-phenyl-acetyl)-2,5-dioxo-piperazin-1-yl]-2-oxo-1-phenyl-ethyl ester as new reversible addition-fragmentation chain transfer agent for polymerization of ethyl methacrylate. <i>Designed Monomers and Polymers</i> , 2016, 19, 56-66.	1.6	5
46	Photocatalytic removal of two antibiotic compounds from aqueous solutions using ZnO nanoparticles. <i>Desalination and Water Treatment</i> , 2016, 57, 14774-14784.	1.0	19
47	Preparation of a new nanoparticle Cd(II)-imprinted polymer and its application for selective separation of cadmium(II) ions from aqueous solutions and determination via inductively coupled plasma optical emission spectrometry. <i>Desalination and Water Treatment</i> , 2016, 57, 14280-14289.	1.0	12
48	Development and Validation of a Stability-Indicating RP-HPLC Method for Rapid Determination of Doxycycline in Pharmaceutical Bulk and Dosage Forms. <i>Pharmaceutical Sciences</i> , 2016, 22, 96-104.	0.8	7
49	Chemical Composition and Repellent Activity of <i>Achillea vermiculata</i> and <i>Satureja hortensis</i> against <i>Anopheles stephensi</i> . <i>Journal of Arthropod-Borne Diseases</i> , 2016, 10, 201-10.	0.9	11
50	Development and validation of a stability-indicating reversed phase HPLC method for the quality control of Zolpidem in bulk and tablet dosage forms. <i>Journal of Analytical Chemistry</i> , 2015, 70, 738-743.	0.9	7
51	Synthesis of a new ion-imprinted polymer and its characterization for the selective extraction and determination of nickel ions in aqueous solutions. <i>Desalination and Water Treatment</i> , 2015, 56, 2135-2144.	1.0	10
52	Amoxicillin Removal from Aqueous Media Using Multi-Walled Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 165-169.	2.1	63
53	Synthesis and characterization of ZnO nanoparticle synthesized by a microwave-assisted combustion method and catalytic activity for the removal of ortho-nitrophenol. <i>Desalination and Water Treatment</i> , 2015, 54, 1939-1948.	1.0	41
54	Electro-oxidation of acetaminophen on nickel/poly(o-aminophenol)/multi-walled carbon nanotube nanocomposite modified graphite electrode. <i>Micro and Nano Letters</i> , 2014, 9, 691-696.	1.3	6

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55	Electrochemical synthesis and characterization of solid-phase microextraction fibers using conductive polymers: application in extraction of benzaldehyde from aqueous solution. Journal of Solid State Electrochemistry, 2014, 18, 1763-1771.	2.5	8
56	Electropolymerized Fluorinated Aniline-Based Fiber for Headspace Solid-Phase Microextraction and Gas Chromatographic Determination of Benzaldehyde in Injectable Pharmaceutical Formulations. Journal of Chromatographic Science, 2014, 52, 971-976.	1.4	4
57	Application of Maltodextrin as Chiral Selector in Capillary Electrophoresis for Quantification of Amlodipine Enantiomers in Commercial Tablets. Chirality, 2014, 26, 394-399.	2.6	16
58	Electro-oxidation and simultaneous determination of amlodipine and atorvastatin in commercial tablets using carbon nanotube modified electrode. Micro and Nano Letters, 2013, 8, 413-417.	1.3	28
59	Electrochemical quantification of fluoxetine in pharmaceutical formulation using carbon nanoparticles. Micro and Nano Letters, 2013, 8, 853-857.	1.3	16
60	Direct electron transfer of ferritin on electrodeposited nickel oxide cubic nanoparticles. Analytical Methods, 2012, 4, 1024.	2.7	12
61	Electrochemical determinations of 6-mercaptopurine on the surface of a carbon nanotube-paste electrode modified with a cobalt salophen complex. Journal of Solid State Electrochemistry, 2012, 16, 1643-1650.	2.5	27
62	A norepinephrine biosensor based on a glassy carbon electrode modified with carbon nanotubes. Analytical Methods, 2011, 3, 2406.	2.7	17
63	Dipyridamole recognition and controlled release by uniformly sized molecularly imprinted nanospheres. Materials Science and Engineering C, 2011, 31, 1692-1699.	7.3	50
64	Application of cobalt oxide nanoparticles as an electron transfer facilitator in direct electron transfer and biocatalytic reactivity of cytochrome c. Journal of Applied Electrochemistry, 2011, 41, 115-121.	2.9	9
65	Stability evaluation of tramadol enantiomers using a chiral stability-indicating capillary electrophoresis method and its application to pharmaceutical analysis. Journal of Separation Science, 2011, 34, 1613-1620.	2.5	20
66	EFFECT OF STRONTIUM DOPING ON NANOSTRUCTURE AND CHROMATICITY OF $Y_2O_3:Eu$ COMPOUNDS. International Journal of Modern Physics B, 2011, 25, 2949-2956.	2.0	5
67	Electrochemical determination of naltrexone on the surface of glassy carbon electrode modified with Nafion-doped carbon nanoparticles: Application to determinations in pharmaceutical and clinical preparations. Journal of Electroanalytical Chemistry, 2010, 638, 212-217.	3.8	34
68	The determination of acetaminophen using a carbon nanotube:graphite-based electrode. Mikrochimica Acta, 2010, 171, 377-384.	5.0	31
69	Simultaneous voltammetric determination of tramadol and acetaminophen using carbon nanoparticles modified glassy carbon electrode. Electrochimica Acta, 2010, 55, 2752-2759.	5.2	137
70	Development and Validation of a Stability-Indicating Method for the Quantitation of Paclitaxel in Pharmaceutical Dosage Forms. Journal of Chromatographic Science, 2009, 47, 599-604.	1.4	14
71	Molecularly Imprinted Polymers for Selective Solid-Phase Extraction of Verapamil from Biological Fluids and Human Urine. Current Pharmaceutical Analysis, 2009, 5, 269-276.	0.6	31
72	Synthesis of nickel oxides nanoparticles on glassy carbon as an electron transfer facilitator for horseradish peroxidase: Direct electron transfer and H ₂ O ₂ determination. Materials Science and Engineering C, 2009, 29, 1752-1758.	7.3	34

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73	Electrochemical and scanning electron microscopic studies of the influence of anatase TiO ₂ nanoparticles on the electropolymerization of aniline. Mendelev Communications, 2008, 18, 90-91.	1.6	2
74	Molecularly imprinted polymer based potentiometric sensor for the determination of hydroxyzine in tablets and biological fluids. Analytica Chimica Acta, 2008, 612, 65-74.	5.4	120
75	A Biomimetic Potentiometric Sensor Using Molecularly Imprinted Polymer for the Cetirizine Assay in Tablets and Biological Fluids. Electroanalysis, 2008, 20, 2023-2030.	2.9	69
76	Development of a stability-indicating CE assay for the determination of amlodipine enantiomers in commercial tablets. Electrophoresis, 2008, 29, 4583-4592.	2.4	48
77	PVC-Based on Thiopyrilum Derivatives Membrane Electrodes for Determination of Histamine. Journal of the Chinese Chemical Society, 2007, 54, 1495-1504.	1.4	15
78	Novel Method for the Fast Determination of Ultra Trace Amount of Nortriptyline in its Pharmaceutical Formulations by Fast Fourier Transform Continuous Cyclic Voltammetric Technique at Au Microelectrode in Flowing Solutions. Journal of Pharmaceutical Sciences, 2007, 96, 893-904.	3.3	46
79	Development of fast Fourier transformation continuous cyclic voltammetry as a highly sensitive detection system for ultra trace monitoring of penicillin V. Analytical Biochemistry, 2007, 360, 175-181.	2.4	29
80	A nanostructure ion-imprinted polymer for the selective separation and determination of copper ions in aqueous solutions. Desalination and Water Treatment, 0, , 1-10.	1.0	2
81	A study on determination of theophylline in plasma and urine sample using electromembrane extraction combined with high-performance liquid chromatography-ultraviolet. Chemical Papers, 0, , 1.	2.2	5
82	Quantitative analysis of phenobarbital in biological fluids: Analyte enrichment by an electrically-assisted microextraction technique. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	6