

Ali Mohammadi

List of Publications by Year in descending order

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82
papers

1,725
citations

257101

24
h-index

315357

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 Oxide- β -chitosan for Simultaneous Determination of some Antihypertensive Drugs. <i>Electroanalysis</i> , 2023, 35, .	1.5	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.	1.2	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.	3.9	6
4	A novel three-dimensional printed device with conductive elements for electromembrane extraction combined with high-performance liquid chromatography and ultraviolet detector. <i>Journal of Separation Science</i> , 2022, 45, 3187-3196.	1.3	5
5	Micronization and characterization of ultrafine pure and composite aspirin by CO ₂ -expanded solution. <i>Chemical Papers</i> , 2021, 75, 99-113.	1.0	3
6	Electromembrane extraction-high-performance liquid chromatography-ultraviolet detection of phenobarbital and phenytoin in human plasma, saliva, and urine. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1522-1530.	0.8	11
7	A computational simulation of electromembrane extraction based on Poisson - Nernst - Planck equations. <i>Analytica Chimica Acta</i> , 2021, 1158, 338414.	2.6	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.	2.9	9
9	Morphology selective construction of β -cyclodextrin functionalized Fe ₃ O ₄ -Bi ₂ WO ₆ nanocomposite with superior adsorptivity and visible-light-driven catalytic activity. <i>Frontiers of Chemical Science and Engineering</i> , 2020, 14, 561-578.	2.3	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.	1.9	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.	2.3	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.	0.6	4
13	Preparation, optimization, and in-vitro evaluation of aspirin/PEG solid dispersions using subcritical CO ₂ by response surface methodology. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2295-2306.	1.2	1
14	Removal of mutagen X "MX" from drinking water using reduced graphene oxide coated sand particles. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 827-837.	1.4	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.	3.8	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.	1.4	3
17	Electrochemical Derivatization of Acetaminophen for Indirect Determination of Eflornithine Using β -CD Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2019, 31, 1719-1727.	1.5	6
18	Construction of a TiO ₂ -Fe ₃ O ₄ -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.	0.8	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.	1.2	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.	1.1	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.	0.1	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.	0.8	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.	1.8	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.	0.4	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.	0.4	5
27	Enhanced photocatalytic degradation of doxycycline using a magnetic polymer-ZnO composite. <i>Water Science and Technology</i> , 2018, 2017, 791-801.	1.2	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.	0.5	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.	0.3	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.	2.8	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.	0.8	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.	0.4	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.	0.4	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.	0.9	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.	0.1	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.	1.2	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.	6.5	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.	2.6	40
39	Electromembrane extraction of tartrazine from food samples: Effects of nano-εsorbents on membrane performance. <i>Journal of Separation Science</i> , 2016, 39, 2642-2651.	1.3	37
40	Electromembrane extraction of gonadotropin-ε-releasing hormone agonists from plasma and wastewater samples. <i>Electrophoresis</i> , 2016, 37, 826-833.	1.3	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.	5.3	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.	2.7	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.	3.8	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.	0.7	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.	0.4	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. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 165-169.	1.0	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-ε-oxidation of acetaminophen on nickel/poly(ε-aminophenol)/multi-ε-walled carbon nanotube nanocomposite modified graphite electrode. <i>Micro and Nano Letters</i> , 2014, 9, 691-696.	0.6	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. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1763-1771.	1.2	8
56	Electropolymerized Fluorinated Aniline-Based Fiber for Headspace Solid-Phase Microextraction and Gas Chromatographic Determination of Benzaldehyde in Injectable Pharmaceutical Formulations. <i>Journal of Chromatographic Science</i> , 2014, 52, 971-976.	0.7	4
57	Application of Maltodextrin as Chiral Selector in Capillary Electrophoresis for Quantification of Amlodipine Enantiomers in Commercial Tablets. <i>Chirality</i> , 2014, 26, 394-399.	1.3	16
58	Electrooxidation and simultaneous determination of amlodipine and atorvastatin in commercial tablets using carbon nanotube modified electrode. <i>Micro and Nano Letters</i> , 2013, 8, 413-417.	0.6	28
59	Electrochemical quantification of fluoxetine in pharmaceutical formulation using carbon nanoparticles. <i>Micro and Nano Letters</i> , 2013, 8, 853-857.	0.6	16
60	Direct electron transfer of ferritin on electrodeposited nickel oxide cubic nanoparticles. <i>Analytical Methods</i> , 2012, 4, 1024.	1.3	12
61	Electrochemical determinations of 6-mercaptopurine on the surface of a carbon nanotube-paste electrode modified with a cobalt salophen complex. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1643-1650.	1.2	27
62	A norepinephrine biosensor based on a glassy carbon electrode modified with carbon nanotubes. <i>Analytical Methods</i> , 2011, 3, 2406.	1.3	17
63	Dipyridamole recognition and controlled release by uniformly sized molecularly imprinted nanospheres. <i>Materials Science and Engineering C</i> , 2011, 31, 1692-1699.	3.8	50
64	Application of cobalt oxide nanoparticles as an electron transfer facilitator in direct electron transfer and biocatalytic reactivity of cytochrome c. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 115-121.	1.5	9
65	Stability evaluation of tramadol enantiomers using a chiral stability-indicating capillary electrophoresis method and its application to pharmaceutical analysis. <i>Journal of Separation Science</i> , 2011, 34, 1613-1620.	1.3	20
66	EFFECT OF STRONTIUM DOPING ON NANOSTRUCTURE AND CHROMATICITY OF $Y_2O_3:Eu$ COMPOUNDS. <i>International Journal of Modern Physics B</i> , 2011, 25, 2949-2956.	1.0	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. <i>Journal of Electroanalytical Chemistry</i> , 2010, 638, 212-217.	1.9	34
68	The determination of acetaminophen using a carbon nanotube:graphite-based electrode. <i>Mikrochimica Acta</i> , 2010, 171, 377-384.	2.5	31
69	Simultaneous voltammetric determination of tramadol and acetaminophen using carbon nanoparticles modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2010, 55, 2752-2759.	2.6	137
70	Development and Validation of a Stability-Indicating Method for the Quantitation of Paclitaxel in Pharmaceutical Dosage Forms. <i>Journal of Chromatographic Science</i> , 2009, 47, 599-604.	0.7	14
71	Molecularly Imprinted Polymers for Selective Solid-Phase Extraction of Verapamil from Biological Fluids and Human Urine. <i>Current Pharmaceutical Analysis</i> , 2009, 5, 269-276.	0.3	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. <i>Materials Science and Engineering C</i> , 2009, 29, 1752-1758.	3.8	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. <i>Mendeleev Communications</i> , 2008, 18, 90-91.	0.6	2
74	Molecularly imprinted polymer based potentiometric sensor for the determination of hydroxyzine in tablets and biological fluids. <i>Analytica Chimica Acta</i> , 2008, 612, 65-74.	2.6	120
75	A Biomimetic Potentiometric Sensor Using Molecularly Imprinted Polymer for the Cetirizine Assay in Tablets and Biological Fluids. <i>Electroanalysis</i> , 2008, 20, 2023-2030.	1.5	69
76	Development of a stability-indicating CE assay for the determination of amlodipine enantiomers in commercial tablets. <i>Electrophoresis</i> , 2008, 29, 4583-4592.	1.3	48
77	PVC-Based on Thiopyrilium Derivatives Membrane Electrodes for Determination of Histamine. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1495-1504.	0.8	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. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 893-904.	1.6	46
79	Development of fast Fourier transformation continuous cyclic voltammetry as a highly sensitive detection system for ultra trace monitoring of penicillin V. <i>Analytical Biochemistry</i> , 2007, 360, 175-181.	1.1	29
80	A nanostructure ion-imprinted polymer for the selective separation and determination of copper ions in aqueous solutions. <i>Desalination and Water Treatment</i> , 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. <i>Chemical Papers</i> , 0, , 1.	1.0	5
82	Quantitative analysis of phenobarbital in biological fluids: Analyte enrichment by an electrically-assisted microextraction technique. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	6