Sayed Mehdi Ghoreishi

List of Publications by Year
in descending order

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87 papers	2,372 citations	201385 27 h-index	243296 44 g-index
87 all docs	87 docs citations	87 times ranked	2873 citing authors

#	Article	IF	Citations
1	Shaker-Assisted Liquidâ€“Liquid Microextraction Followed by Solidification of Floating Organic Droplet and Back-Extraction Procedure besides Partial Least Squares Regression for Simultaneous Spectrophotometric Determination of Benzoic Acid and Sorbic Acid. Polycyclic Aromatic Compounds, 2023, 43, 2001-2014.	1.4	2
2	Micro-Solid Phase Extraction of Volatile Organic Compounds in Water Samples Using Porous Membrane-Protected Melamine-Modified MIL-88 Followed by Gas Chromatography-Mass Spectrometry. Polycyclic Aromatic Compounds, 2022, 42, 5496-5507.	1.4	6
3	Electrochemical Determination of Methamphetamine in Human Plasma on a Nanoceria Nanoparticle Decorated Reduced Graphene Oxide (rGO) Glassy Carbon Electrode (GCE). Analytical Letters, 2021, 54, 2509-2522.	1.0	20
4	Uncertainty in Analytical Measurements: Approaches, Evaluation Methods and Their Comparison Based on a Case Study of Arsenic Determination in Rice. Mapan - Journal of Metrology Society of India, 2021, 36, 187-192.	1.0	2
5	Enhanced Supercapacitor Performance Using a Co₃O₄@Co₃S₄ Nanocomposite on Reduced Graphene Oxide/Ni Foam Electrodes. Chemistry - an Asian Journal, 2021, 16, 1258-1270.	1.7	56
6	Nano-molar level detection of calcium folinate and methotrexate using a cationic surfactant and multivariate optimization: A simple tool for simultaneous and sensitive analysis. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107362.	2.5	12
7	Bio-based Fe3O4/chitosan nanocomposite sensor for response surface methodology and sensitive determination of gallic acid. International Journal of Biological Macromolecules, 2020, 160, 456-469.	3.6	28
8	A review on current trends in thermal analysis and hyphenated techniques in the investigation of physical, mechanical and chemical properties of nanomaterials. Journal of Analytical and Applied Pyrolysis, 2020, 149, 104840.	2.6	39
9	Derived N-doped carbon through core-shell structured metal-organic frameworks as a novel sorbent for dispersive solid phase extraction of Cr(III) and Pb(II) from water samples followed by quantitation through flame atomic absorption spectrometry. Microchemical Journal, 2020, 155, 104786.	2.3	35
10	Nanoporous gold film: Surfactant-assisted synthesis, anodic oxidation and sensing application in electrochemical determination of quercetin. Journal of Electroanalytical Chemistry, 2020, 864, 114097.	1.9	12
11	Multivariate optimization and validation of a new procedure for simultaneous determination of folic acid and folinic acid based on enhancement effect of n-dodecylpyridinium chloride. Microchemical Journal, 2020, 154, 104653.	2.3	4
12	Determination of Bromate Ions in Drinking Water by Derivatization with 2-Methyl-2-Butene, Dispersive Liquid-Liquid Extraction and Gas Chromatography-Electron Capture Detection. Journal of AOAC INTERNATIONAL, 2020, 103, 1243-1249.	0.7	2
13	Influence of Cross-linking Agents on Drug Delivery Behavior of Magnetic Nanohydrogels Made of Polyvinyl Alcohol and Chitosan. BioNanoScience, 2019, 9, 883-892.	1.5	6
14	Gas chromatography-mass spectrometry analysis and antimicrobial, antioxidant and anti-cancer activities of essential oils and extracts of Stachys schtschegleevii plant as biological macromolecules. International Journal of Biological Macromolecules, 2019, 128, 718-723.	3.6	30
15	Electrochemical investigation of a novel surfactant for sensitive detection of folic acid in pharmaceutical and biological samples by multivariate optimization. Measurement: Journal of the International Measurement Confederation, 2019, 145, 300-310.	2.5	22
16	Response Surface Modeling of Electrochemical Data for Sensitive Determination of Sudan III in Food Products at the Surface of a Nanocomposite Modified Electrode. Food Analytical Methods, 2019, 12, 1781-1790.	1.3	8
17	Novel electrochemical procedure for sensitive determination of Sudan II based on nanostructured modified electrode and multivariate optimization. Measurement: Journal of the International Measurement Confederation, 2019, 142, 105-112.	2.5	23
18	Multivariate optimization methods for in-situ growth of LDH/ZIF-8 nanocrystals on anodized aluminium substrate as a nanosorbent for stir bar sorptive extraction in biological and food samples. Food Chemistry, 2019, 288, 39-46.	4.2	52

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19	Zeolitic imidazole framework templated synthesis of nanoporous carbon as a coating for stir bar sorptive extraction of fluorouracil and phenobarbital in human body fluids. Microchemical Journal, 2019, 146, 798-806.	2.3	26
20	Increasing the electrochemical system performance using a magnetic nanostructured sensor for simultaneous determination of<scp>l</scp>-tyrosine and epinephrine. Analytical Methods, 2019, 11, 1192-1198.	1.3	33
21	Experimental and statistical analysis on a nanostructured sensor for determination of p-hydroxybenzoic acid in cosmetics. Materials Science and Engineering C, 2019, 94, 45-55.	3.8	9
22	Electrochemically decorated network-like cobalt oxide nanosheets on nickel oxide nanoworms substrate as a sorbent for the thin film microextraction of diclofenac. Microchemical Journal, 2019, 146, 149-156.	2.3	14
23	Chemometrics-assisted determination of Sudan dyes using zinc oxide nanoparticle-based electrochemical sensor. Food Chemistry, 2019, 283, 68-72.	4.2	33
24	Highly porous nanostructured copper oxide foam fiber as a sorbent for head space solid-phase microextraction of BTEX from aqueous solutions. Microchemical Journal, 2019, 145, 210-217.	2.3	16
25	A carbon paste electrode modified with a nickel titanate nanoceramic for simultaneous voltammetric determination of ortho- and para-hydroxybenzoic acids. Mikrochimica Acta, 2019, 186, 12.	2.5	12
26	Conversion of amine groups on chitosan-coated SPIONs into carbocyclic acid and investigation of its interaction with BSA in drug delivery systems. Journal of Drug Delivery Science and Technology, 2018, 45, 373-377.	1.4	11
27	Deposition of nickel oxide nanoworms on anodized nickel foil substrates as highly effective thin-film microextraction sorbents to determine caffeine. Analytical Methods, 2018, 10, 5803-5810.	1.3	2
28	In-situ growth of zeolitic imidazole framework-67 on nanoporous anodized aluminum bar as stir-bar sorptive extraction sorbent for determining caffeine. Journal of Chromatography A, 2018, 1577, 15-23.	1.8	28
29	Three-dimensional Pd/Pt bimetallic nanodendrites on a highly porous copper foam fiber for headspace solid-phase microextraction of BTEX prior to their quantification by GC-FID. Mikrochimica Acta, 2018, 185, 527.	2.5	6
30	Magnesium-aluminum-layered double hydroxide-graphene oxide composite mixed-matrix membrane for the thin-film microextraction of diclofenac in biological fluids. Journal of Chromatography A, 2018, 1575, 11-17.	1.8	42
31	Determination of quercetin in the presence of tannic acid in soft drinks based on carbon nanotubes modified electrode using chemometric approaches. Sensors and Actuators B: Chemical, 2018, 272, 605-611.	4.0	28
32	Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings. Journal of Chromatography A, 2018, 1567, 55-63.	1.8	28
33	Au/PANA/PVAc and Au/P(ANA-co-CNTA)/PVAc electrospun nanofibers as tyrosinase immobilization supports. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 658-668.	1.8	1
34	Investigation of tannic acid cross-linked onto magnetite nanoparticles for applying in drug delivery systems. Journal of Drug Delivery Science and Technology, 2017, 39, 88-94.	1.4	24
35	Curve resolution on overlapped voltammograms for simultaneous determination of tryptophan and tyrosine at carbon paste electrode modified with ZnFe2O4 nanoparticles. Journal of Electroanalytical Chemistry, 2017, 805, 1-10.	1.9	20
36	Glucose oxidase immobilization onto Au/poly[anthranilic acid-co-3-carboxy-N-(2-thenylidene)aniline]/PVAc electrospun nanofibers. Polymer Bulletin, 2017, 74, 1493-1517.	1.7	6

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37	Application of experimental design for quantification and voltammetric studies of sulfapyridine based on a nanostructure electrochemical sensor. Arabian Journal of Chemistry, 2017, 10, S3156-S3166.	2.3	29
38	Applied electrochemical biosensor based on covalently self assembled monolayer at gold surface for determination of epinephrine in the presence of Ascorbic acid. Arabian Journal of Chemistry, 2017, 10, S657-S664.	2.3	8
39	Voltammetric determination of tryptophan in the presence of uric acid and dopamine using carbon paste electrode modified with multi-walled carbon nanotubes. Arabian Journal of Chemistry, 2017, 10, S1546-S1552.	2.3	29
40	Voltammetric determination of resorcinol on the surface of a glassy carbon electrode modified with multi-walled carbon nanotube. Arabian Journal of Chemistry, 2016, 9, S1563-S1568.	2.3	44
41	Electrochemical deposition and characterization of polyaniline-graphene nanocomposite films and its corrosion protection properties. Journal of Polymer Research, 2016, 23, 1.	1.2	64
42	Hydrophobic magnetic montmorillonite composite material for the efficient adsorption and microextraction of bisphenol A from water samples. Journal of Environmental Chemical Engineering, 2016, 4, 4062-4071.	3.3	33
43	The method development for analysis of MoO3 in Urtica dioica (Nettle) by adsorptive stripping voltammetry in anodic area in the presence of Calcon as liquid complexing agent. Journal of Molecular Liquids, 2016, 219, 883-889.	2.3	0
44	Fabrication of a graphene oxide nano-sheet modified electrode for determination of dopamine in the presence of tyrosine: A multivariate optimization strategy. Journal of Molecular Liquids, 2016, 215, 31-38.	2.3	25
45	Controlled photocatalytic degradation of basic red 46 in textile industrial wastewater with the aid of Nâ€“S codoped TiO2 (NSTO). Journal of Materials Science: Materials in Electronics, 2016, 27, 4483-4488.	1.1	9
46	Combination of GC/FID/Mass spectrometry fingerprints and multivariate calibration techniques for recognition of antimicrobial constituents of Myrtus communis L. essential oil. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 50-57.	1.2	20
47	Multiwall carbon nanotube-modified electrode as a nanosensor for electrochemical studies and stripping voltammetric determination of an antimalarial drug. RSC Advances, 2015, 5, 14407-14415.	1.7	27
48	Improvement of interaction between PVA and chitosan via magnetite nanoparticles for drug delivery application. International Journal of Biological Macromolecules, 2015, 78, 130-136.	3.6	158
49	Preparation of a manganese titanate nanosensor: Application in electrochemical studies of captopril in the presence of para-aminobenzoic acid. Analytical Biochemistry, 2015, 487, 49-58.	1.1	13
50	Photocatalytic degradation of paraquat herbicide in the presence TiO 2 nanostructure thin films under visible and sun light irradiation using continuous flow photoreactor. Solar Energy, 2015, 120, 287-295.	2.9	56
51	Application of multivariate optimization to electrochemical determination of methyldopa drug in the presence of diclofenac at a nanostructured electrochemical sensor. Sensors and Actuators B: Chemical, 2015, 221, 576-585.	4.0	11
52	Fabrication of a nickel titanate nanoceramic modified electrode for electrochemical studies and detection of salicylic acid. Journal of Molecular Liquids, 2015, 211, 970-980.	2.3	30
53	Designing a nanostructure-based modified electrode as a biosensor for simultaneous determination of tryptophan and uric acid. Analytical Methods, 2015, 7, 466-471.	1.3	5
54	Application of multivariate curve resolution alternating least squares to biomedical analysis using electrochemical techniques at a nanostructure-based modified sensor. Electrochimica Acta, 2014, 130, 271-278.	2.6	29

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55	Poly(2-chloroaniline) Electropolymerization Coatings on Aluminum Alloy 3105 and Evaluating Their Corrosion Protection Performance. Transactions of the Indian Institute of Metals, 2014, 67, 511-520.	0.7	4
56	Electrodeposition of polyaniline-montmorrilonite nanocomposite coatings on 316L stainless steel for corrosion prevention. Journal of Polymer Research, 2014, 21, 1.	1.2	54
57	Sensitive and selective determination of hydroxychloroquine in the presence of uric acid using a new nanostructure self-assembled monolayer modified electrode: optimization by multivariate data analysis. Analyst, The, 2014, 139, 4064-4072.	1.7	32
58	Electropolymerized coatings of poly(o-anisidine) and poly(o-anisidine)-TiO₂ nanocomposite on aluminum alloy 3004 by using the galvanostatic method and their corrosion protection performance. Polymers for Advanced Technologies, 2014, 25, 279-287.	1.6	38
59	Design and evaluation of a highly sensitive nanostructure-based surface modification of glassy carbon electrode for electrochemical studies of hydroxychloroquine in the presence of acetaminophen. Colloids and Surfaces B: Biointerfaces, 2014, 123, 648-656.	2.5	29
60	Simultaneous electrochemical determination of dopamine, ascorbic acid and uric acid in the presence of sodium dodecyl sulphate using a multi-walled carbon nanotube modified carbon paste electrode. RSC Advances, 2014, 4, 37979-37984.	1.7	30
61	Self-assembling monolayer of Schiff's base formed between o-methoxyphenyl methyl ketone and 2-aminothiophenol at the surface of gold electrode for electrochemical impedimetric sensing of uranyl cations. Sensors and Actuators B: Chemical, 2014, 203, 802-811.	4.0	13
62	Three-Dimensional Voltammetry: A Chemometrical Analysis of Electrochemical Data for Determination of Dopamine in the Presence of Unexpected Interference by a Biosensor Based on Gold Nanoparticles. Analytical Chemistry, 2014, 86, 8967-8973.	3.2	42
63	Multivariate curve resolution-alternating least squares assisted by voltammetry for simultaneous determination of betaxolol and atenolol using carbon nanotube paste electrode. Bioelectrochemistry, 2013, 94, 100-107.	2.4	50
64	Determination of Tyrosine in the Presence of Sodium Dodecyl Sulfate Using a Gold Nanoparticle Modified Carbon Paste Electrode. Analytical Letters, 2013, 46, 299-311.	1.0	11
65	Electrochemical study of a self-assembled monolayer of N,Nâ€²-bis[(E)-(1-pyridyl) methylidene]-1,3-propanediamine formed on glassy carbon electrode: preparation, characterization and application. Analytical Methods, 2013, 5, 6727.	1.3	14
66	Determination of Trace Amounts of Sulfamethizole Using a Multi-Walled Carbon Nanotube Modified Electrode: Application of Experimental Design in Voltammetric Studies. Analytical Letters, 2013, 46, 323-339.	1.0	24
67	Selective Voltammetric Determination of Tartrazine in the Presence of Red 10B by Nanogoldâ€modified Carbon Paste Electrode. Journal of the Chinese Chemical Society, 2013, 60, 120-126.	0.8	14
68	High Sensitive Sensor Based on Carbon Nanotube Electrode for Determination of Lanthanum in the Presence of Calcon Carboxylic Acid. Analytical Letters, 2013, 46, 156-170.	1.0	4
69	Electrochemical studies of determination of C.I. Direct Red 80 based on a gold nanoparticles-modified carbon paste electrode. International Journal of Environmental Analytical Chemistry, 2012, 92, 1403-1416.	1.8	2
70	Electrochemical determination of tyrosine in the presence of uric acid at a carbon paste electrode modified with multi-walled carbon nanotubes enhanced by sodium dodecyl sulfate. Open Chemistry, 2012, 10, 1824-1829.	1.0	4
71	Central composite rotatable design in the development of a new method for optimization, voltammetric determination and electrochemical behavior of betaxolol in the presence of acetaminophen based on a gold nanoparticle modified electrode. Analytical Methods, 2012, 4, 2475.	1.3	25
72	Electrochemical determination of tryptophan, uric acid and ascorbic acid at a gold nanoparticles modified carbon paste electrode. Analytical Methods, 2012, 4, 2447.	1.3	36

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73	A New Method for the Simultaneous Analysis of Strychnine and Brucine in Strychnos nuxâ€vomica Unprocessed and Processed Seeds Using a Carbonâ€paste Electrode Modified with Multiâ€walled Carbon Nanotubes. Phytochemical Analysis, 2012, 23, 95-102.	1.2	23
74	Electrochemical Determination of Tyrosine in the Presence of Dopamine and Uric Acid at the Surface of Gold Nanoparticles Modified Carbon Paste Electrode. Journal of the Chinese Chemical Society, 2012, 59, 1015-1020.	0.8	18
75	Uranyl sensor based on a N,Nâ€²-bis(salicylidene)-2-hydroxy-phenylmethanediamine and multiwall carbon nanotube electrode. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 201-210.	0.7	14
76	Simultaneous determination of Sunset yellow and Tartrazine in soft drinks using gold nanoparticles carbon paste electrode. Food Chemistry, 2012, 132, 637-641.	4.2	188
77	Electrochemical synthesis of poly(o-anisidine) and its corrosion studies as a coating on aluminum alloy 3105. Progress in Organic Coatings, 2012, 74, 502-510.	1.9	33
78	Electrochemical methods for simultaneous determination of trace amounts of dopamine and uric acid using a carbon paste electrode incorporated with multi-wall carbon nanotubes and modified with Î±-cyclodextrine. Journal of Solid State Electrochemistry, 2012, 16, 179-189.	1.2	31
79	Simultaneous determination of ellagic and gallic acid in Punica granatum, Myrtus communis and Itriphal formulation by an electrochemical sensor based on a carbon paste electrode modified with multi-walled carbon nanotubes. Analytical Methods, 2011, 3, 636.	1.3	70
80	Simultaneous voltammetric determination of Brilliant Blue and Tartrazine in real samples at the surface of a multi-walled carbon nanotube paste electrode. Analytical Methods, 2011, 3, 2842.	1.3	67
81	Comparative electrochemical study of new self-assembled monolayers of 2-{[(Z)-1-(3-furyl)methylidene]amino}-1-benzenethiol and 2-{[(2-sulfanylphenyl)imino]methyl}phenol for determination of dopamine in the presence of high concentration of ascorbic acid and uric acid. Analyst, The, 2011, 136, 1979.	1.7	17
82	Determination of strychnine in strychnos nux-vomica crude and detoxified seeds by voltammetric method using a carbon paste electrode incorporated with gold nanoparticles. Analytical Methods, 2011, 3, 872.	1.3	9
83	Green synthesis of silver and gold nanoparticles using Rosa damascena and its primary application in electrochemistry. Physica E: Low-Dimensional Systems and Nanostructures, 2011, 44, 97-104.	1.3	129
84	Electrochemical determination of ascorbic acid at the surface of a graphite electrode modified with multi-walled carbon nanotubes/tetradecyltrimethylammonium bromide. Journal of Applied Electrochemistry, 2010, 40, 841-847.	1.5	11
85	Interaction of anionic azo dye and TTAB: cationic surfactant. Journal of the Brazilian Chemical Society, 2009, 20, 460-465.	0.6	20
86	Study of inclusion complex formation between a cationic surfactant, two cyclodextrins and a drug. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 62, 279-284.	1.6	8
87	Electromotive force studies about some dyesâ€“cationic surfactants interactions in aqueous solutions. Dyes and Pigments, 2005, 65, 117-123.	2.0	20