

# 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	Simultaneous determination of Sunset yellow and Tartrazine in soft drinks using gold nanoparticles carbon paste electrode. <i>Food Chemistry</i> , 2012, 132, 637-641.	4.2	188
2	Improvement of interaction between PVA and chitosan via magnetite nanoparticles for drug delivery application. <i>International Journal of Biological Macromolecules</i> , 2015, 78, 130-136.	3.6	158
3	Green synthesis of silver and gold nanoparticles using <i>Rosa damascena</i> and its primary application in electrochemistry. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 44, 97-104.	1.3	129
4	Simultaneous determination of ellagic and gallic acid in <i>Punica granatum</i> , <i>Myrtus communis</i> and Itriphal formulation by an electrochemical sensor based on a carbon paste electrode modified with multi-walled carbon nanotubes. <i>Analytical Methods</i> , 2011, 3, 636.	1.3	70
5	Simultaneous voltammetric determination of Brilliant Blue and Tartrazine in real samples at the surface of a multi-walled carbon nanotube paste electrode. <i>Analytical Methods</i> , 2011, 3, 2842.	1.3	67
6	Electrochemical deposition and characterization of polyaniline-graphene nanocomposite films and its corrosion protection properties. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	64
7	Photocatalytic degradation of paraquat herbicide in the presence TiO <sub>2</sub> nanostructure thin films under visible and sun light irradiation using continuous flow photoreactor. <i>Solar Energy</i> , 2015, 120, 287-295.	2.9	56
8	Enhanced Supercapacitor Performance Using a Co <sub>3</sub> O <sub>4</sub> @Co <sub>3</sub> S <sub>4</sub> Nanocomposite on Reduced Graphene Oxide/Ni Foam Electrodes. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1258-1270.	1.7	56
9	Electrodeposition of polyaniline-montmorillonite nanocomposite coatings on 316L stainless steel for corrosion prevention. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	54
10	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. <i>Food Chemistry</i> , 2019, 288, 39-46.	4.2	52
11	Multivariate curve resolution-alternating least squares assisted by voltammetry for simultaneous determination of betaxolol and atenolol using carbon nanotube paste electrode. <i>Bioelectrochemistry</i> , 2013, 94, 100-107.	2.4	50
12	Voltammetric determination of resorcinol on the surface of a glassy carbon electrode modified with multi-walled carbon nanotube. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1563-S1568.	2.3	44
13	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. <i>Analytical Chemistry</i> , 2014, 86, 8967-8973.	3.2	42
14	Magnesium-aluminum-layered double hydroxide-graphene oxide composite mixed-matrix membrane for the thin-film microextraction of diclofenac in biological fluids. <i>Journal of Chromatography A</i> , 2018, 1575, 11-17.	1.8	42
15	A review on current trends in thermal analysis and hyphenated techniques in the investigation of physical, mechanical and chemical properties of nanomaterials. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 149, 104840.	2.6	39
16	Electropolymerized coatings of poly(o-anisidine) and poly(o-anisidine)-TiO <sub>2</sub> nanocomposite on aluminum alloy 3004 by using the galvanostatic method and their corrosion protection performance. <i>Polymers for Advanced Technologies</i> , 2014, 25, 279-287.	1.6	38
17	Electrochemical determination of tryptophan, uric acid and ascorbic acid at a gold nanoparticles modified carbon paste electrode. <i>Analytical Methods</i> , 2012, 4, 2447.	1.3	36
18	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. <i>Microchemical Journal</i> , 2020, 155, 104786.	2.3	35

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19	Electrochemical synthesis of poly(o-anisidine) and its corrosion studies as a coating on aluminum alloy 3105. <i>Progress in Organic Coatings</i> , 2012, 74, 502-510.	1.9	33
20	Hydrophobic magnetic montmorillonite composite material for the efficient adsorption and microextraction of bisphenol A from water samples. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 4062-4071.	3.3	33
21	Increasing the electrochemical system performance using a magnetic nanostructured sensor for simultaneous determination of l-tyrosine and epinephrine. <i>Analytical Methods</i> , 2019, 11, 1192-1198.	1.3	33
22	Chemometrics-assisted determination of Sudan dyes using zinc oxide nanoparticle-based electrochemical sensor. <i>Food Chemistry</i> , 2019, 283, 68-72.	4.2	33
23	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. <i>Analyst</i> , 2014, 139, 4064-4072.	1.7	32
24	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 $\beta$ -cyclodextrine. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 179-189.	1.2	31
25	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. <i>RSC Advances</i> , 2014, 4, 37979-37984.	1.7	30
26	Fabrication of a nickel titanate nanoceramic modified electrode for electrochemical studies and detection of salicylic acid. <i>Journal of Molecular Liquids</i> , 2015, 211, 970-980.	2.3	30
27	Gas chromatography-mass spectrometry analysis and antimicrobial, antioxidant and anti-cancer activities of essential oils and extracts of <i>Stachys schtschegleevii</i> plant as biological macromolecules. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 718-723.	3.6	30
28	Application of multivariate curve resolution alternating least squares to biomedical analysis using electrochemical techniques at a nanostructure-based modified sensor. <i>Electrochimica Acta</i> , 2014, 130, 271-278.	2.6	29
29	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. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 648-656.	2.5	29
30	Application of experimental design for quantification and voltammetric studies of sulfapyridine based on a nanostructure electrochemical sensor. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3156-S3166.	2.3	29
31	Voltammetric determination of tryptophan in the presence of uric acid and dopamine using carbon paste electrode modified with multi-walled carbon nanotubes. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1546-S1552.	2.3	29
32	In-situ growth of zeolitic imidazole framework-67 on nanoporous anodized aluminum bar as stir-bar sorptive extraction sorbent for determining caffeine. <i>Journal of Chromatography A</i> , 2018, 1577, 15-23.	1.8	28
33	Determination of quercetin in the presence of tannic acid in soft drinks based on carbon nanotubes modified electrode using chemometric approaches. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 605-611.	4.0	28
34	Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings. <i>Journal of Chromatography A</i> , 2018, 1567, 55-63.	1.8	28
35	Bio-based Fe <sub>3</sub> O <sub>4</sub> /chitosan nanocomposite sensor for response surface methodology and sensitive determination of gallic acid. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 456-469.	3.6	28
36	Multiwalled carbon nanotube-modified electrode as a nanosensor for electrochemical studies and stripping voltammetric determination of an antimalarial drug. <i>RSC Advances</i> , 2015, 5, 14407-14415.	1.7	27

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37	Zeolitic imidazole framework templated synthesis of nanoporous carbon as a coating for stir bar sorptive extraction of fluorouracil and phenobarbital in human body fluids. <i>Microchemical Journal</i> , 2019, 146, 798-806.	2.3	26
38	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. <i>Analytical Methods</i> , 2012, 4, 2475.	1.3	25
39	Fabrication of a graphene oxide nano-sheet modified electrode for determination of dopamine in the presence of tyrosine: A multivariate optimization strategy. <i>Journal of Molecular Liquids</i> , 2016, 215, 31-38.	2.3	25
40	Determination of Trace Amounts of Sulfamethizole Using a Multi-Walled Carbon Nanotube Modified Electrode: Application of Experimental Design in Voltammetric Studies. <i>Analytical Letters</i> , 2013, 46, 323-339.	1.0	24
41	Investigation of tannic acid cross-linked onto magnetite nanoparticles for applying in drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 88-94.	1.4	24
42	A New Method for the Simultaneous Analysis of Strychnine and Brucine in <i>Strychnos nuxvomica</i> Unprocessed and Processed Seeds Using a Carbon paste Electrode Modified with Multi-walled Carbon Nanotubes. <i>Phytochemical Analysis</i> , 2012, 23, 95-102.	1.2	23
43	Novel electrochemical procedure for sensitive determination of Sudan II based on nanostructured modified electrode and multivariate optimization. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 142, 105-112.	2.5	23
44	Electrochemical investigation of a novel surfactant for sensitive detection of folic acid in pharmaceutical and biological samples by multivariate optimization. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 145, 300-310.	2.5	22
45	Electromotive force studies about some dyes' cationic surfactants interactions in aqueous solutions. <i>Dyes and Pigments</i> , 2005, 65, 117-123.	2.0	20
46	Interaction of anionic azo dye and TTAB: cationic surfactant. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 460-465.	0.6	20
47	Combination of GC/FID/Mass spectrometry fingerprints and multivariate calibration techniques for recognition of antimicrobial constituents of <i>Myrtus communis</i> L. essential oil. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1008, 50-57.	1.2	20
48	Curve resolution on overlapped voltammograms for simultaneous determination of tryptophan and tyrosine at carbon paste electrode modified with ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2017, 805, 1-10.	1.9	20
49	Electrochemical Determination of Methamphetamine in Human Plasma on a Nanoceria Nanoparticle Decorated Reduced Graphene Oxide (rGO) Glassy Carbon Electrode (GCE). <i>Analytical Letters</i> , 2021, 54, 2509-2522.	1.0	20
50	Electrochemical Determination of Tyrosine in the Presence of Dopamine and Uric Acid at the Surface of Gold Nanoparticles Modified Carbon Paste Electrode. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1015-1020.	0.8	18
51	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. <i>Analyst</i> , 2011, 136, 1979.	1.7	17
52	Highly porous nanostructured copper oxide foam fiber as a sorbent for head space solid-phase microextraction of BTEX from aqueous solutions. <i>Microchemical Journal</i> , 2019, 145, 210-217.	2.3	16
53	Uranyl sensor based on a N,N'-bis(salicylidene)-2-hydroxy-phenylmethanediamine and multiwall carbon nanotube electrode. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 293, 201-210.	0.7	14
54	Electrochemical study of a self-assembled monolayer of N,N'-bis[(E)-(1-pyridyl)methylidene]-1,3-propanediamine formed on glassy carbon electrode: preparation, characterization and application. <i>Analytical Methods</i> , 2013, 5, 6727.	1.3	14

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55	Selective Voltammetric Determination of Tartrazine in the Presence of Red 10B by Nanogold-Modified Carbon Paste Electrode. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 120-126.	0.8	14
56	Electrochemically decorated network-like cobalt oxide nanosheets on nickel oxide nanoworms substrate as a sorbent for the thin film microextraction of diclofenac. <i>Microchemical Journal</i> , 2019, 146, 149-156.	2.3	14
57	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. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 802-811.	4.0	13
58	Preparation of a manganese titanate nanosensor: Application in electrochemical studies of captopril in the presence of para-aminobenzoic acid. <i>Analytical Biochemistry</i> , 2015, 487, 49-58.	1.1	13
59	A carbon paste electrode modified with a nickel titanate nanoceramic for simultaneous voltammetric determination of ortho- and para-hydroxybenzoic acids. <i>Mikrochimica Acta</i> , 2019, 186, 12.	2.5	12
60	Nano-molar level detection of calcium folinate and methotrexate using a cationic surfactant and multivariate optimization: A simple tool for simultaneous and sensitive analysis. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 152, 107362.	2.5	12
61	Nanoporous gold film: Surfactant-assisted synthesis, anodic oxidation and sensing application in electrochemical determination of quercetin. <i>Journal of Electroanalytical Chemistry</i> , 2020, 864, 114097.	1.9	12
62	Electrochemical determination of ascorbic acid at the surface of a graphite electrode modified with multi-walled carbon nanotubes/tetradecyltrimethylammonium bromide. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 841-847.	1.5	11
63	Determination of Tyrosine in the Presence of Sodium Dodecyl Sulfate Using a Gold Nanoparticle Modified Carbon Paste Electrode. <i>Analytical Letters</i> , 2013, 46, 299-311.	1.0	11
64	Application of multivariate optimization to electrochemical determination of methyl dopa drug in the presence of diclofenac at a nanostructured electrochemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 576-585.	4.0	11
65	Conversion of amine groups on chitosan-coated SPIONs into carbocyclic acid and investigation of its interaction with BSA in drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 373-377.	1.4	11
66	Determination of strychnine in strychnos nux-vomica crude and detoxified seeds by voltammetric method using a carbon paste electrode incorporated with gold nanoparticles. <i>Analytical Methods</i> , 2011, 3, 872.	1.3	9
67	Controlled photocatalytic degradation of basic red 46 in textile industrial wastewater with the aid of N-doped TiO <sub>2</sub> (NSTO). <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 4483-4488.	1.1	9
68	Experimental and statistical analysis on a nanostructured sensor for determination of p-hydroxybenzoic acid in cosmetics. <i>Materials Science and Engineering C</i> , 2019, 94, 45-55.	3.8	9
69	Study of inclusion complex formation between a cationic surfactant, two cyclodextrins and a drug. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 279-284.	1.6	8
70	Applied electrochemical biosensor based on covalently self assembled monolayer at gold surface for determination of epinephrine in the presence of Ascorbic acid. <i>Arabian Journal of Chemistry</i> , 2017, 10, S657-S664.	2.3	8
71	Response Surface Modeling of Electrochemical Data for Sensitive Determination of Sudan III in Food Products at the Surface of a Nanocomposite Modified Electrode. <i>Food Analytical Methods</i> , 2019, 12, 1781-1790.	1.3	8
72	Glucose oxidase immobilization onto Au/poly[anthranilic acid-co-3-carboxy-N-(2-thenylidene)aniline]/PVAc electrospun nanofibers. <i>Polymer Bulletin</i> , 2017, 74, 1493-1517.	1.7	6

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73	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. <i>Mikrochimica Acta</i> , 2018, 185, 527.	2.5	6
74	Influence of Cross-linking Agents on Drug Delivery Behavior of Magnetic Nanohydrogels Made of Polyvinyl Alcohol and Chitosan. <i>BioNanoScience</i> , 2019, 9, 883-892.	1.5	6
75	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. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 5496-5507.	1.4	6
76	Designing a nanostructure-based modified electrode as a biosensor for simultaneous determination of tryptophan and uric acid. <i>Analytical Methods</i> , 2015, 7, 466-471.	1.3	5
77	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. <i>Open Chemistry</i> , 2012, 10, 1824-1829.	1.0	4
78	High Sensitive Sensor Based on Carbon Nanotube Electrode for Determination of Lanthanum in the Presence of Calcon Carboxylic Acid. <i>Analytical Letters</i> , 2013, 46, 156-170.	1.0	4
79	Poly(2-chloroaniline) Electropolymerization Coatings on Aluminum Alloy 3105 and Evaluating Their Corrosion Protection Performance. <i>Transactions of the Indian Institute of Metals</i> , 2014, 67, 511-520.	0.7	4
80	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. <i>Microchemical Journal</i> , 2020, 154, 104653.	2.3	4
81	Electrochemical studies of determination of C.I. Direct Red 80 based on a gold nanoparticles-modified carbon paste electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1403-1416.	1.8	2
82	Deposition of nickel oxide nanoworms on anodized nickel foil substrates as highly effective thin-film microextraction sorbents to determine caffeine. <i>Analytical Methods</i> , 2018, 10, 5803-5810.	1.3	2
83	Uncertainty in Analytical Measurements: Approaches, Evaluation Methods and Their Comparison Based on a Case Study of Arsenic Determination in Rice. <i>Mapan - Journal of Metrology Society of India</i> , 2021, 36, 187-192.	1.0	2
84	Determination of Bromate Ions in Drinking Water by Derivatization with 2-Methyl-2-Butene, Dispersive Liquid-Liquid Extraction and Gas Chromatography-Electron Capture Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 1243-1249.	0.7	2
85	Shaker-Assisted Liquid-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. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 2001-2014.	1.4	2
86	Au/PANA/PVAc and Au/P(ANA-co-CNTA)/PVAc electrospun nanofibers as tyrosinase immobilization supports. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 658-668.	1.8	1
87	The method development for analysis of MoO <sub>3</sub> in <i>Urtica dioica</i> (Nettle) by adsorptive stripping voltammetry in anodic area in the presence of Calcon as liquid complexing agent. <i>Journal of Molecular Liquids</i> , 2016, 219, 883-889.	2.3	0