

# Mir Reza Majidi

## List of Publications by Citations

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84  
papers

2,101  
citations

24  
h-index

42  
g-index

85  
ext. papers

2,521  
ext. citations

4.8  
avg. IF

5.47  
L-index

#	Paper	IF	Citations
84	Investigation of inhibition effect of some amino acids against steel corrosion in HCl solution. <i>Applied Surface Science</i> , <b>2004</b> , 225, 176-185	6.7	244
83	Enantioselective electropolymerization of aniline in the presence of (+)- or (-)-camphorsulfonate ion: a facile route to conducting polymers with preferred one-screw-sense helicity. <i>Polymer</i> , <b>1994</b> , 35, 3113-3115	3.9	154
82	Chemical generation of optically active polyaniline via the doping of emeraldine base with (+)- or (-)-camphorsulfonic acid. <i>Polymer</i> , <b>1995</b> , 36, 3597-3599	3.9	107
81	Simultaneous determination of dopamine and uric acid in biological samples on the pretreated pencil graphite electrode. <i>Electrochimica Acta</i> , <b>2013</b> , 91, 36-42	6.7	98
80	Voltammetric behavior and determination of isoniazid in pharmaceuticals by using overoxidized polypyrrole glassy carbon modified electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 589, 32-37	4.1	92
79	Carbon Nanotube Ionic Liquid (CNTIL) Nanocomposite Modified Sol-Gel Derived Carbon-Ceramic Electrode for Simultaneous Determination of Sunset Yellow and Tartrazine in Food Samples. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 1388-1397	3.4	71
78	Electrocatalytic oxidation of hydrazine at overoxidized polypyrrole film modified glassy carbon electrode. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 6248-6253	6.7	64
77	Low-cost nanowired MnO/C as an ORR catalyst in air-cathode microbial fuel cell. <i>Bioelectrochemistry</i> , <b>2019</b> , 125, 38-45	5.6	59
76	Reaction and nucleation mechanisms of copper electrodeposition on disposable pencil graphite electrode. <i>Electrochimica Acta</i> , <b>2009</b> , 54, 1119-1126	6.7	56
75	Influence of the chiral dopant anion on the generation of induced optical activity in polyanilines. <i>Polymer</i> , <b>1997</b> , 38, 2627-2631	3.9	56
74	Facile synthesis of optically active polyaniline and polytoluidine. <i>Polymer</i> , <b>1996</b> , 37, 359-362	3.9	56
73	MnOx-based electrocatalysts for enhanced oxygen reduction in microbial fuel cell air cathodes. <i>Journal of Power Sources</i> , <b>2018</b> , 390, 45-53	8.9	55
72	Sensing L-cysteine in urine using a pencil graphite electrode modified with a copper hexacyanoferrate nanostructure. <i>Mikrochimica Acta</i> , <b>2010</b> , 169, 283-288	5.8	47
71	Reusable potentiometric screen-printed sensor and label-free aptasensor with pseudo-reference electrode for determination of tryptophan in the presence of tyrosine. <i>Talanta</i> , <b>2016</b> , 150, 425-33	6.2	39
70	Recent advances in the highly sensitive determination of zearalenone residues in water and environmental resources with electrochemical biosensors. <i>Environmental Research</i> , <b>2021</b> , 204, 112082	7.9	37
69	A sensitive and fast electrochemical sensor based on copper nanostructures for nitrate determination in foodstuffs and mineral waters. <i>Analytical Methods</i> , <b>2013</b> , 5, 3552	3.2	33
68	Recent advances of electrochemical and optical biosensors for detection of C-reactive protein as a major inflammatory biomarker. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105287	4.8	32

67	Carbon-supported Fe/Mn-based perovskite-type oxides boost oxygen reduction in bioelectrochemical systems. <i>Carbon</i> , <b>2019</b> , 145, 716-724	10.4	29
66	Recent advances on portable sensing and biosensing assays applied for detection of main chemical and biological pollutant agents in water samples: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116344	14.6	29
65	Factors controlling the induction of optical activity in chiral polyanilines. <i>Synthetic Metals</i> , <b>1997</b> , 84, 115-116	3.16	27
64	Formation of graphene nanoplatelet-like structures on carbon/ceramic electrode surface: application for simultaneous determination of sunset yellow and tartrazine in some food samples. <i>Ionics</i> , <b>2015</b> , 21, 863-875	2.7	26
63	Graphene nanoplatelets like structures formed on ionic liquid modified carbon-ceramic electrode: As a sensing platform for simultaneous determination of dopamine and acetaminophen. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 220, 778-787	6	25
62	Frontiers in conventional and nanomaterials based electrochemical sensing and biosensing approaches for Ochratoxin A analysis in foodstuffs: A review. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 149, 112030	4.7	25
61	Hydrogen bubble dynamic template fabrication of nanoporous Cu film supported by graphene nanosheets: A highly sensitive sensor for detection of nitrite. <i>Talanta</i> , <b>2017</b> , 175, 21-29	6.2	24
60	Facile fabrication and characterization of silver nanodendrimers supported by graphene nanosheets: A sensor for sensitive electrochemical determination of Imidacloprid. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 792, 46-53	4.1	23
59	Electrochemical Synthesis of Optically Active Polyanilines. <i>Australian Journal of Chemistry</i> , <b>1998</b> , 51, 23	1.2	22
58	A novel engineered label-free Zn-based MOF/CMC/AuNPs electrochemical genosensor for highly sensitive determination of Haemophilus Influenzae in human plasma samples. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 100	5.8	22
57	Amperometric sensor based on carbon dots decorated self-assembled 3D flower-like Ni(OH) <sub>2</sub> nanosheet arrays for the determination of nitrite. <i>Electrochimica Acta</i> , <b>2018</b> , 291, 132-141	6.7	22
56	Layer double hydroxides (LDHs)- based electrochemical and optical sensing assessments for quantification and identification of heavy metals in water and environment samples: A review of status and prospects. <i>Trends in Environmental Analytical Chemistry</i> , <b>2021</b> , 31, e00139	12	22
55	Determination of uric acid in biological samples on the pretreated pencil graphite electrode. <i>Analytical Methods</i> , <b>2012</b> , 4, 2288	3.2	21
54	Development of Simple Electrochemical Sensor for Selective Determination of Methadone in Biological Samples Using Multi-walled Carbon Nanotubes Modified Pencil Graphite Electrode. <i>Journal of the Chinese Chemical Society</i> , <b>2015</b> , 62, 461-468	1.5	20
53	Determination of Imidacloprid in Tomato Grown in Greenhouse Based on Copper(II) Phthalocyanine Modified Carbon Ceramic Electrode by Differential Pulse Voltammetry. <i>Journal of the Chinese Chemical Society</i> , <b>2011</b> , 58, 207-214	1.5	20
52	Synthesis of dendritic silver nanostructures supported by graphene nanosheets and its application for highly sensitive detection of diazepam. <i>Materials Science and Engineering C</i> , <b>2015</b> , 57, 257-64	8.3	19
51	Direct detection of tryptophan for rapid diagnosis of cancer cell metastasis competence by an ultra-sensitive and highly selective electrochemical biosensor. <i>Analytical Methods</i> , <b>2016</b> , 8, 7910-7919	3.2	18
50	Voltammetric Determination of Hemoglobin Using a Pencil Lead Electrode. <i>Electroanalysis</i> , <b>2011</b> , 23, 1984-1990	3	17

49	Development of screen-printed tryptophan-kynurenine immunosensor for in vitro assay of kynurenine-mediated immunosuppression effect of cancer cells on activated T-cells. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 92, 287-293	11.8	16
48	Electrocatalytic oxidation and determination of antibiotic in pharmaceutical samples on a nanostructure. <i>Analytical Methods</i> , <b>2011</b> , 3, 646-652	3.2	16
47	Electrochemical Determination of Bromate in Different Types of Flour and Bread by a Sensitive Amperometric Sensor Based on Palladium Nanoparticles/Graphene Oxide Nanosheets. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 2011-2019	3.4	15
46	Ion Selective Nanochannels: From Critical Principles to Sensing and Biosensing Applications. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2000765	6.8	15
45	Modeling drug solubility in water-cosolvent mixtures using an artificial neural network. <i>Il Farmaco</i> , <b>2004</b> , 59, 505-12		14
44	Resolution of Differential Pulse Voltammetric Peaks Using Genetic Algorithm Based Variable Selection-Partial Least Squares and Principal Component-Artificial Neural Networks. <i>Journal of the Chinese Chemical Society</i> , <b>2005</b> , 52, 21-28	1.5	14
43	Bimetallic Fe/Mn MOFs/MCD/AuNPs stabilized on MWCNTs for developing a label-free DNA-based genosensing bio-assay applied in the determination of Salmonella typhimurium in milk samples. <i>Chemosphere</i> , <b>2022</b> , 287, 132373	8.4	14
42	Nanoscale Metal-Organic Frameworks: Recent developments in synthesis, modifications and bioimaging applications. <i>Chemosphere</i> , <b>2021</b> , 281, 130717	8.4	14
41	Electrochemical Characteristics of a Copper Hexacyanoferrate (CuHCNF) Modified Composite Carbon Electrode and Its Application toward Sulfite Oxidation. <i>Journal of the Chinese Chemical Society</i> , <b>2010</b> , 57, 391-398	1.5	13
40	Pencil Lead Electrode Modified with Hemoglobin Film as a Novel Biosensor for Nitrite Determination. <i>Electroanalysis</i> , <b>2013</b> , 25, 1742-1750	3	12
39	Lateral flow assays (LFA) as an alternative medical diagnosis method for detection of virus species: The intertwine of nanotechnology with sensing strategies. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 145, 116460	14.6	12
38	Ionic liquid modified carbon-ceramic electrode with structure similar to Graphene nanoplatelets: Application to Imidacloprid determination in some agricultural products. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2016</b> , 93, 29-35	4.6	11
37	Nanobiocomposite Modified Carbon-Ceramic Electrode Based on Nano-TiO <sub>2</sub> -Plant Tissue and Its Application for Electrocatalytic Oxidation of Dopamine. <i>Electroanalysis</i> , <b>2010</b> , 22, 1772-1780	3	11
36	Determination of Fenitrothion in River Water and Commercial Formulations by Adsorptive Stripping Voltammetry with a Carbon Ceramic Electrode. <i>Journal of AOAC INTERNATIONAL</i> , <b>2009</b> , 92, 548-554	1.7	11
35	Simple and Rapid Amperometric Monitoring of Hydrogen Peroxide at Hemoglobin-Modified Pencil Lead Electrode as a Novel Biosensor: Application to the Analysis of Honey Sample. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1067-1077	3.4	10
34	Development of Voltammetric Sensor for Determination of Tryptophan Using MWCNTs-modified Sol-gel Electrode. <i>Journal of the Chinese Chemical Society</i> , <b>2013</b> , 60, 1473-1478	1.5	10
33	Solubility prediction of anthracene in binary and ternary solvents by artificial neural networks (ANNs). <i>Fluid Phase Equilibria</i> , <b>2004</b> , 225, 133-139	2.5	10
32	A PCR-free genosensing platform for detection of Shigella dysenteriae in human plasma samples by porous and honeycomb-like biochar decorated with ultrathin flower-like MoS <sub>2</sub> nanosheets incorporated with Au nanoparticles. <i>Chemosphere</i> , <b>2021</b> , 288, 132531	8.4	10

31	Emerging electrochemical sensing and biosensing approaches for detection of Fumonisin in food samples. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-16	11.5	10
30	Carbon nanotube-ionic liquid nanocomposite modified carbon-ceramic electrode for determination of dopamine in real samples. <i>Open Chemistry</i> , <b>2013</b> , 11, 1172-1186	1.6	8
29	Amperometric Biosensor for Dopamine Determination Based on Over-Oxidized Polypyrrole-Plant Tissue Composite. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2009</b> , 14, 89-101	1.7	8
28	Sol-Gel-Derived Biosensor Based on Plant Tissue: The Inhibitory Effect of Atrazine on Polyphenol Oxidase Activity for Determination of Atrazine. <i>Journal of the Chinese Chemical Society</i> , <b>2008</b> , 55, 522-528	1.5	8
27	Patulin and Trichothecene: characteristics, occurrence, toxic effects and detection capabilities via clinical, analytical and nanostructured electrochemical sensing/biosensing assays in foodstuffs. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-29	11.5	8
26	Evaluation of Flavonoid Derivative and Doxorubicin Effects in Lung Cancer Cells (A549) Using Differential Pulse Voltammetry Method. <i>Advanced Pharmaceutical Bulletin</i> , <b>2018</b> , 8, 637-642	4.5	8
25	Facile synthesis of ZnTe/Quinhydrone nanocomposite as a promising catalyst for electro-oxidation of ethanol in alkaline medium. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 22085-22097	6.7	7
24	Microfluidic-based separation and detection of synthetic antioxidants by integrated gold electrodes followed by HPLC-DAD. <i>Microchemical Journal</i> , <b>2019</b> , 149, 104059	4.8	7
23	Net analyte signal standard addition method for the simultaneous determination of cadmium and nickel. <i>Journal of the Serbian Chemical Society</i> , <b>2009</b> , 74, 789-799	0.9	7
22	Tailoring morphology and structure of manganese oxide nanomaterials to enhance oxygen reduction in microbial fuel cells. <i>Synthetic Metals</i> , <b>2020</b> , 268, 116487	3.6	7
21	Simultaneous Determination of Nitrite and Hydrogen Peroxide Using Hemoglobin Modified Pencil Lead Electrode as a Novel Biosensor: Application to the Analysis of Mother's Milk. <i>Journal of the Chinese Chemical Society</i> , <b>2015</b> , 62, 83-89	1.5	6
20	Enhanced activity for non-enzymatic glucose biosensor by facile electro-deposition of cauliflower-like NiWO <sub>4</sub> nanostructures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2021</b> , 118, 301-308	5.3	6
19	Immobilization of lactate as an electroactive indicator on pencil graphite electrode for the development of a new electrochemical biosensor for the detection of lactate dehydrogenase. <i>Journal of the Iranian Chemical Society</i> , <b>2011</b> , 8, 59-67	2	5
18	Voltammetric Determination of Folic Acid with a Overoxidized Polypyrrole Film Modified Sol-Gel Carbon Ceramic Electrode. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2011</b> , 16, 486-495	1.7	5
17	Modeling the electrophoretic mobility of beta-blockers in capillary electrophoresis using artificial neural networks. <i>Il Farmaco</i> , <b>2005</b> , 60, 255-9		5
16	Lateral flow assays (LFA) for detection of pathogenic bacteria: A small point-of-care platform for diagnosis of human infectious diseases.. <i>Talanta</i> , <b>2022</b> , 243, 123330	6.2	5
15	Effect of Electrophoresis on the Efficiency of Graphite-Nano-TiO <sub>2</sub> Modified Silica Sol-Gel Electrode. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2015</b> , 15, 3405-10	1.3	4
14	Fabrication of ferrocene functionalised ionic liquid/carbon nanotube nanocomposite modified carbon-ceramic electrode: application to the determination of hydrazine. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2016</b> , 96, 50-67	1.8	4

13	Application of Net Analyte Signal Standard Addition Method (NASSAM) for Simultaneous Determination of Lead and Tin by Differential Pulse Polarography. <i>Journal of the Chinese Chemical Society</i> , <b>2011</b> , 58, 353-361	1.5	4
12	An electrochemical sensor for simultaneous determination of some pharmaceutical compounds using ionic liquid and Pd nanoparticles supported on porous silicon doped carbon-ceramic electrode as a renewable surface composite electrode. <i>Microchemical Journal</i> , <b>2021</b> , 161, 105724	4.8	4
11	State of the art: Lateral flow assays toward the point-of-care foodborne pathogenic bacteria detection in food samples.. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2022</b> ,	16.4	4
10	Simultaneous Determination of Ascorbic Acid and Uric Acid in Blood Serum Using an Overoxidized Polypyrrole Film Modified Glassy Carbon Electrode. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2010</b> , 15, 351-359	1.7	3
9	Electrocatalytic Oxidation and Determination of Nitrite at Multi-walled Carbon Nanotubes Modified Carbon Ceramic Electrode. <i>Journal of the Chinese Chemical Society</i> , <b>2013</b> , 60, 314-320	1.5	2
8	State-of-the-art cancer biomarker detection by portable (Bio) sensing technology: A critical review. <i>Microchemical Journal</i> , <b>2022</b> , 177, 107248	4.8	2
7	Recent trends in layered double hydroxides based electrochemical and optical (bio)sensors for screening of emerging pharmaceutical compounds.. <i>Environmental Research</i> , <b>2022</b> , 211, 113068	7.9	2
6	Electrocatalytic Reduction of Metronidazole on Bismuth Modified Pencil-lead Electrode. <i>Journal of the Chinese Chemical Society</i> , <b>2013</b> , 60, n/a-n/a	1.5	1
5	Nano TiO <sub>2</sub> Modified Carbon-ceramic Electrode and Its Application for Electrocatalytic Oxidation of NADH. <i>Journal of the Chinese Chemical Society</i> , <b>2015</b> , 62, 632-639	1.5	1
4	Determination of fenitrothion in river water and commercial formulations by adsorptive stripping voltammetry with a carbon ceramic electrode. <i>Journal of AOAC INTERNATIONAL</i> , <b>2009</b> , 92, 548-54	1.7	1
3	Chiral Conductive Polymers. <i>ACS Symposium Series</i> , 287-312	0.4	1
2	Electrochemical layered double hydroxide (LDH)-based biosensors for pesticides detection in food and environment samples: A review of status and prospects.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 113010	4.7	0
1	SU8/glass microchip capillary electrophoresis integrated with Pt electrodes for separation and simultaneous detection of phenylephrine and acetaminophen. <i>BioImpacts</i> , <b>2021</b> , 11, 263-269	3.5	