

Mir Reza Majidi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2689381/mir-reza-majidi-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	State-of-the-art cancer biomarker detection by portable (Bio) sensing technology: A critical review. <i>Microchemical Journal</i> , 2022 , 177, 107248	4.8	2
83	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> , 2022 , 287, 132373	8.4	14
82	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> , 2022 ,	16.4	4
81	Lateral flow assays (LFA) for detection of pathogenic bacteria: A small point-of-care platform for diagnosis of human infectious diseases.. <i>Talanta</i> , 2022 , 243, 123330	6.2	5
80	Recent trends in layered double hydroxides based electrochemical and optical (bio)sensors for screening of emerging pharmaceutical compounds.. <i>Environmental Research</i> , 2022 , 211, 113068	7.9	2
79	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> , 2022 , 113010	10.7	0
78	SU8/glass microchip capillary electrophoresis integrated with Pt electrodes for separation and simultaneous detection of phenylephrine and acetaminophen. <i>BioImpacts</i> , 2021 , 11, 263-269	3.5	
77	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> , 2021 , 145, 116460	14.6	12
76	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 nanosheets incorporated with Au nanoparticles. <i>Chemosphere</i> , 2021 , 288, 132531	8.4	10
75	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> , 2021 , 149, 112030	4.7	25
74	Ion Selective Nanochannels: From Critical Principles to Sensing and Biosensing Applications. <i>Advanced Materials Technologies</i> , 2021 , 6, 2000765	6.8	15
73	Emerging electrochemical sensing and biosensing approaches for detection of Fumonisin in food samples. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-16	11.5	10
72	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> , 2021 , 161, 105724	4.8	4
71	Enhanced activity for non-enzymatic glucose biosensor by facile electro-deposition of cauliflower-like NiWO ₄ nanostructures. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 118, 301-308	5.3	6
70	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> , 2021 , 1-29	11.5	8
69	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> , 2021 , 188, 100	5.8	22
68	Recent advances in the highly sensitive determination of zearalenone residues in water and environmental resources with electrochemical biosensors. <i>Environmental Research</i> , 2021 , 204, 112082	7.9	37

67	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> , 2021 , 31, e00139	12	22
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> , 2021 , 143, 116344	14.6	29
65	Nanoscale Metal-Organic Frameworks: Recent developments in synthesis, modifications and bioimaging applications. <i>Chemosphere</i> , 2021 , 281, 130717	8.4	14
64	Recent advances of electrochemical and optical biosensors for detection of C-reactive protein as a major inflammatory biomarker. <i>Microchemical Journal</i> , 2020 , 158, 105287	4.8	32
63	Tailoring morphology and structure of manganese oxide nanomaterials to enhance oxygen reduction in microbial fuel cells. <i>Synthetic Metals</i> , 2020 , 268, 116487	3.6	7
62	Carbon-supported Fe/Mn-based perovskite-type oxides boost oxygen reduction in bioelectrochemical systems. <i>Carbon</i> , 2019 , 145, 716-724	10.4	29
61	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> , 2019 , 44, 22085-22097	6.7	7
60	Microfluidic-based separation and detection of synthetic antioxidants by integrated gold electrodes followed by HPLC-DAD. <i>Microchemical Journal</i> , 2019 , 149, 104059	4.8	7
59	Low-cost nanowired MnO/C as an ORR catalyst in air-cathode microbial fuel cell. <i>Bioelectrochemistry</i> , 2019 , 125, 38-45	5.6	59
58	MnOx-based electrocatalysts for enhanced oxygen reduction in microbial fuel cell air cathodes. <i>Journal of Power Sources</i> , 2018 , 390, 45-53	8.9	55
57	Evaluation of Flavonoid Derivative and Doxorubicin Effects in Lung Cancer Cells (A549) Using Differential Pulse Voltammetry Method. <i>Advanced Pharmaceutical Bulletin</i> , 2018 , 8, 637-642	4.5	8
56	Amperometric sensor based on carbon dots decorated self-assembled 3D flower-like Ni(OH) ₂ nanosheet arrays for the determination of nitrite. <i>Electrochimica Acta</i> , 2018 , 291, 132-141	6.7	22
55	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> , 2017 , 792, 46-53	4.1	23
54	Hydrogen bubble dynamic template fabrication of nanoporous Cu film supported by graphene nanosheets: A highly sensitive sensor for detection of nitrite. <i>Talanta</i> , 2017 , 175, 21-29	6.2	24
53	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> , 2017 , 92, 287-293	11.8	16
52	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> , 2016 , 93, 29-35	4.6	11
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> , 2016 , 8, 7910-7919	3.2	18
50	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> , 2016 , 220, 778-787	6	25

49	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> , 2016 , 96, 50-67	1.8	4
48	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> , 2016 , 150, 425-33	6.2	39
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> , 2015 , 8, 2011-2019	3.4	15
46	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> , 2015 , 57, 257-64	8.3	19
45	Effect of Electrophoresis on the Efficiency of Graphite-Nano-TiO ₂ Modified Silica Sol-Gel Electrode. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3405-10	1.3	4
44	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> , 2015 , 21, 863-875	2.7	26
43	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> , 2015 , 62, 83-89	1.5	6
42	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> , 2015 , 8, 1067-1077	3.4	10
41	Nano TiO ₂ Modified Carbon-ceramic Electrode and Its Application for Electrocatalytic Oxidation of NADH. <i>Journal of the Chinese Chemical Society</i> , 2015 , 62, 632-639	1.5	1
40	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> , 2015 , 62, 461-468	1.5	20
39	Simultaneous determination of dopamine and uric acid in biological samples on the pretreated pencil graphite electrode. <i>Electrochimica Acta</i> , 2013 , 91, 36-42	6.7	98
38	Carbon Nanotube/Ionic Liquid (CNT/IL) Nanocomposite Modified Sol-Gel Derived Carbon-Ceramic Electrode for Simultaneous Determination of Sunset Yellow and Tartrazine in Food Samples. <i>Food Analytical Methods</i> , 2013 , 6, 1388-1397	3.4	71
37	Electrocatalytic Reduction of Metronidazole on Bismuth Modified Pencil-lead Electrode. <i>Journal of the Chinese Chemical Society</i> , 2013 , 60, n/a-n/a	1.5	1
36	Development of Voltammetric Sensor for Determination of Tryptophan Using MWCNTs-modified Sol-gel Electrode. <i>Journal of the Chinese Chemical Society</i> , 2013 , 60, 1473-1478	1.5	10
35	Carbon nanotube-ionic liquid nanocomposite modified carbon-ceramic electrode for determination of dopamine in real samples. <i>Open Chemistry</i> , 2013 , 11, 1172-1186	1.6	8
34	Electrocatalytic Oxidation and Determination of Nitrite at Multi-walled Carbon Nanotubes Modified Carbon Ceramic Electrode. <i>Journal of the Chinese Chemical Society</i> , 2013 , 60, 314-320	1.5	2
33	Pencil Lead Electrode Modified with Hemoglobin Film as a Novel Biosensor for Nitrite Determination. <i>Electroanalysis</i> , 2013 , 25, 1742-1750	3	12
32	A sensitive and fast electrochemical sensor based on copper nanostructures for nitrate determination in foodstuffs and mineral waters. <i>Analytical Methods</i> , 2013 , 5, 3552	3.2	33

31	Determination of uric acid in biological samples on the pretreated pencil graphite electrode. <i>Analytical Methods</i> , 2012 , 4, 2288	3.2	21
30	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> , 2011 , 8, 59-67	2	5
29	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> , 2011 , 58, 353-361	1.5	4
28	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> , 2011 , 58, 207-214	1.5	20
27	Voltammetric Determination of Hemoglobin Using a Pencil Lead Electrode. <i>Electroanalysis</i> , 2011 , 23, 1984-1990	3	17
26	Electrocatalytic oxidation and determination of antibiotic in pharmaceutical samples on a nanostructure. <i>Analytical Methods</i> , 2011 , 3, 646-652	3.2	16
25	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> , 2011 , 16, 486-495	1.7	5
24	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> , 2010 , 57, 391-398	1.5	13
23	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> , 2010 , 15, 351-359	1.7	3
22	Sensing L-cysteine in urine using a pencil graphite electrode modified with a copper hexacyanoferrate nanostructure. <i>Mikrochimica Acta</i> , 2010 , 169, 283-288	5.8	47
21	Nanobiocomposite Modified Carbon-Ceramic Electrode Based on Nano-TiO ₂ -Plant Tissue and Its Application for Electrocatalytic Oxidation of Dopamine. <i>Electroanalysis</i> , 2010 , 22, 1772-1780	3	11
20	Net analyte signal standard addition method for the simultaneous determination of cadmium and nickel. <i>Journal of the Serbian Chemical Society</i> , 2009 , 74, 789-799	0.9	7
19	Reaction and nucleation mechanisms of copper electrodeposition on disposable pencil graphite electrode. <i>Electrochimica Acta</i> , 2009 , 54, 1119-1126	6.7	56
18	Amperometric Biosensor for Dopamine Determination Based on Over-Oxidized Polypyrrole-Plant Tissue Composite. <i>International Journal of Polymer Analysis and Characterization</i> , 2009 , 14, 89-101	1.7	8
17	Determination of Fenitrothion in River Water and Commercial Formulations by Adsorptive Stripping Voltammetry with a Carbon Ceramic Electrode. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 548-554	1.7	11
16	Determination of fenitrothion in river water and commercial formulations by adsorptive stripping voltammetry with a carbon ceramic electrode. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 548-54	1.7	1
15	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> , 2008 , 55, 522-528	1.5	8
14	Electrocatalytic oxidation of hydrazine at overoxidized polypyrrole film modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2007 , 52, 6248-6253	6.7	64

13	Voltammetric behavior and determination of isoniazid in pharmaceuticals by using overoxidized polypyrrole glassy carbon modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 589, 32-37	4.1	92
12	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> , 2005 , 52, 21-28	1.5	14
11	Modeling the electrophoretic mobility of beta-blockers in capillary electrophoresis using artificial neural networks. <i>Il Farmaco</i> , 2005 , 60, 255-9		5
10	Modeling drug solubility in water-cosolvent mixtures using an artificial neural network. <i>Il Farmaco</i> , 2004 , 59, 505-12		14
9	Solubility prediction of anthracene in binary and ternary solvents by artificial neural networks (ANNs). <i>Fluid Phase Equilibria</i> , 2004 , 225, 133-139	2.5	10
8	Investigation of inhibition effect of some amino acids against steel corrosion in HCl solution. <i>Applied Surface Science</i> , 2004 , 225, 176-185	6.7	244
7	Electrochemical Synthesis of Optically Active Polyanilines. <i>Australian Journal of Chemistry</i> , 1998 , 51, 23	1.2	22
6	Factors controlling the induction of optical activity in chiral polyanilines. <i>Synthetic Metals</i> , 1997 , 84, 115-116	3.66	27
5	Influence of the chiral dopant anion on the generation of induced optical activity in polyanilines. <i>Polymer</i> , 1997 , 38, 2627-2631	3.9	56
4	Facile synthesis of optically active polyaniline and polytoluidine. <i>Polymer</i> , 1996 , 37, 359-362	3.9	56
3	Chemical generation of optically active polyaniline via the doping of emeraldine base with (+)- or (-)-camphorsulfonic acid. <i>Polymer</i> , 1995 , 36, 3597-3599	3.9	107
2	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> , 1994 , 35, 3113-3115	3.9	154
1	Chiral Conductive Polymers. <i>ACS Symposium Series</i> , 287-312	0.4	1