

Navid Nasirizadeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4424797/publications.pdf>

Version: 2024-02-01

88
papers

2,779
citations

172457

29
h-index

197818

49
g-index

89
all docs

89
docs citations

89
times ranked

3231
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocomposite of electrochemically reduced graphene oxide and gold nanourchins for electrochemical DNA detection. IET Nanobiotechnology, 2022, 16, 190-198.	3.8	4
2	Detection of Staphylococcal Enterotoxin A (SEA) using a sensitive nanomaterial-based electrochemical aptasensor. Diamond and Related Materials, 2022, 127, 109042.	3.9	7
3	A ratiometric electrochemical DNA-biosensor for detection of miR-141. Mikrochimica Acta, 2022, 189, 213.	5.0	17
4	Fabrication of an electrochemical sensor with Au nanorods-graphene oxide hybrid nanocomposites for in situ measurement of cloxacillin. Materials Science and Engineering C, 2021, 118, 111317.	7.3	18
5	A Unique Example of a Co-crystal of [Co(AMTTO) ₂ (H ₂ O) ₂](NO ₃) ₂ and [Co(AMTTO) ₂ (CH ₃ CN) ₂](NO ₃) ₂ (AMTTO=4-amino-5-methyl-1,2,4-triazol-3(2H)-thione). Journal of Chemical Crystallography, 2021, 51, 575.	1.1	0
6	Electrochemical detection of bupropion drug using nanocomposite of molecularly imprinted polyaniline/Au nanoparticles/graphene oxide. Bulletin of Materials Science, 2021, 44, 1.	1.7	11
7	Effect of electrospinning parameters on production of polyvinyl alcohol/poly(lactic acid) nanofiber using a mutual solvent. Polymers and Polymer Composites, 2021, 29, S844-S856.	1.9	6
8	Platelet-rich fibrin-loaded PCL/chitosan core-shell fibers scaffold for enhanced osteogenic differentiation of mesenchymal stem cells. Carbohydrate Polymers, 2021, 269, 118351.	10.2	28
9	Highly sensitive and selective voltammetric detection of isoniazid drug based on graphene oxide-gold nanourchin-poly(aniline) nanocomposite. Measurement: Journal of the International Measurement Confederation, 2021, , 110431.	5.0	5
10	Modification of bitumen by EPDM blended with hybrid nanoparticles: Physical, thermal, and rheological properties. Journal of Thermoplastic Composite Materials, 2020, 33, 343-356.	4.2	14
11	Enhanced degradation of reactive dyes using a novel carbon ceramic electrode based on copper nanoparticles and multiwall carbon nanotubes. Chinese Journal of Chemical Engineering, 2020, 28, 318-327.	3.5	12
12	Fabrication of antibacterial and hemostatic electrospun PVA nanofibers for wound healing. SN Applied Sciences, 2020, 2, 1.	2.9	24
13	Characterization of thermal and electrical properties of hybrid nanofluids prepared with multi-walled carbon nanotubes and Fe ₂ O ₃ nanoparticles. International Communications in Heat and Mass Transfer, 2020, 117, 104603.	5.6	28
14	A novel hemostat and antibacterial nanofibrous scaffold based on poly(vinyl alcohol)/poly(lactic acid) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 2	2.1	11
15	Synthesis and characterisation of a selective adsorbent based on the molecularly imprinted polymer for the removal of cloxacillin antibiotic residue from milk. International Journal of Dairy Technology, 2019, 72, 505-514.	2.8	10
16	Label-free electrochemical detection of Cloxacillin antibiotic in milk samples based on molecularly imprinted polymer and graphene oxide-gold nanocomposite. Measurement: Journal of the International Measurement Confederation, 2019, 145, 22-29.	5.0	56
17	Voltammetric sensing of oxacillin by using a screen-printed electrode modified with molecularly imprinted polyaniline, gold nanourchins and graphene oxide. Mikrochimica Acta, 2019, 186, 798.	5.0	21
18	Electrochemical detection of aflatoxin B1: an aptasensor prepared using graphene oxide and gold nanowires. Analytical Methods, 2019, 11, 6033-6042.	2.7	27

#	ARTICLE	IF	CITATIONS
19	An electrochemical aptasensor for staphylococcal enterotoxin B detection based on reduced graphene oxide and gold nano-urchins. <i>Biosensors and Bioelectronics</i> , 2019, 127, 221-228.	10.1	59
20	Determination of cefixime using a novel electrochemical sensor produced with gold nanowires/graphene oxide/electropolymerized molecular imprinted polymer. <i>Materials Science and Engineering C</i> , 2019, 96, 654-660.	7.3	69
21	Ultrasound-assisted electrochemical decolorization of anthraquinone dye C.I Reactive Blue 49, its optimization and synergic effect: a comparative study. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2455-2464.	3.5	16
22	Developing a Novel Nanocomposite of Gold Nanowires/Reduced Graphene Oxide/Molecularly Imprinted Polyaniline for the Electrochemical Sensing of Metronidazole. <i>Journal of Applied Biotechnology Reports</i> , 2019, 6, 60-68.	0.9	4
23	A highly sensitive miR-195 nanobiosensor for early detection of Parkinson's disease. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 32-40.	2.8	24
24	An azithromycin electrochemical sensor based on an aniline MIP film electropolymerized on a gold nano urchins/graphene oxide modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 27-34.	3.8	82
25	Nano-biosensor based on reduced graphene oxide and gold nanoparticles, for detection of phenylketonuria-associated DNA mutation. <i>IET Nanobiotechnology</i> , 2018, 12, 417-422.	3.8	32
26	Decolorization of Reactive Orange 122 as an Organic Pollutant by the Sono-electrochemical Process and Toxicity Evaluation. <i>Journal of Applied Biotechnology Reports</i> , 2018, 5, 117-124.	0.9	0
27	An electrochemical nanosensor for simultaneous determination of hydroxylamine and nitrite using oxadiazole self-assembled on silver nanoparticle-modified glassy carbon electrode. <i>Ionics</i> , 2017, 23, 1541-1551.	2.4	14
28	Development of a DNA biosensor for the detection of phenylketonuria based on a screen-printed gold electrode and hematoxylin. <i>Analytical Methods</i> , 2017, 9, 966-973.	2.7	29
29	A nanobiosensor composed of Exfoliated Graphene Oxide and Gold Nano-Urchins, for detection of GMO products. <i>Biosensors and Bioelectronics</i> , 2017, 95, 72-80.	10.1	43
30	Graphene oxide based carbon composite as adsorbent for Hg removal: Preparation, characterization, kinetics and isotherm studies. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 1170-1175.	3.5	46
31	Developing a highly sensitive electrochemical sensor using thiourea-imprinted polymers based on an MWCNT modified carbon ceramic electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 802, 139-146.	3.8	21
32	Voltammetric determination of Basic Red 13 during its sonoelectrocatalytic degradation. <i>Mikrochimica Acta</i> , 2017, 184, 4459-4468.	5.0	7
33	Synthesis of conductive polymer-coated mesoporous MCM-41 for textile dye removal from aqueous media. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 217-229.	9.1	29
34	Hybrid Hydrogels Based on Poly(vinyl alcohol) (PVA)/Agar/Poly(ethylene glycol) (PEG) Prepared by High Energy Electron Beam Irradiation: Investigation of Physico-Mechanical and Rheological Properties. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600397.	3.6	22
35	Characterization and absorption studies of cationic dye on multi walled carbon nanotube-carbon ceramic composite. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 35-43.	5.8	22
36	Early detection of Alzheimer's disease using a biosensor based on electrochemically-reduced graphene oxide and gold nanowires for the quantification of serum microRNA-137. <i>RSC Advances</i> , 2017, 7, 55709-55719.	3.6	86

#	ARTICLE	IF	CITATIONS
37	Preparation of A MWCNT-Graphite Composite Based on Sol Gel Method for Dye Removal. <i>Oriental Journal of Chemistry</i> , 2017, 33, 676-685.	0.3	2
38	Novel Non Enzymatic TBHQ Modified Electrochemical Sensor for Hydrogen Peroxide Determination in Different Beverage Samples. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	2
39	An Electrochemical Nanosensor Based on Molecularly Imprinted Polymer (MIP) for Detection of Gallic Acid in Fruit Juices. <i>Food Analytical Methods</i> , 2016, 9, 2721-2731.	2.6	50
40	Delphinidin immobilized on silver nanoparticles for the simultaneous determination of ascorbic acid, noradrenalin, uric acid, and tryptophan. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 406-416.	1.9	19
41	An electrochemical DNA biosensor based on Oracet Blue as a label for detection of <i>Helicobacter pylori</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 91, 911-917.	7.5	13
42	Electrochemical sensor for the determination of thiourea using a glassy carbon electrode modified with a self-assembled monolayer of an oxadiazole derivative and with silver nanoparticles. <i>Mikrochimica Acta</i> , 2016, 183, 1069-1077.	5.0	19
43	Electrochemical Biosensor for Detection of Target DNA Sequence and Single-Base Mismatch Related to <i>Helicobacter Pylori</i> Using Chlorogenic Acid as Hybridization Indicator. <i>Journal of the Electrochemical Society</i> , 2016, 163, B43-B48.	2.9	15
44	A sensitive DNA biosensor fabricated from gold nanoparticles and graphene oxide on a glassy carbon electrode. <i>Materials Science and Engineering C</i> , 2016, 61, 506-515.	7.3	49
45	Development of an electrochemical nanosensor for the determination of gallic acid in food. <i>Analytical Methods</i> , 2016, 8, 1103-1110.	2.7	66
46	An electrochemical nanobiosensor for plasma miRNA-155, based on graphene oxide and gold nanorod, for early detection of breast cancer. <i>Biosensors and Bioelectronics</i> , 2016, 77, 99-106.	10.1	290
47	Fabrication of a novel electrochemical sensor for determination of hydrogen peroxide in different fruit juice samples. <i>Journal of Food and Drug Analysis</i> , 2016, 24, 72-82.	1.9	58
48	Simultaneous Determination of Ascorbic Acid, L-Dopa, Uric Acid, Insulin, and Acetylsalicylic Acid on Reactive Blue 19 and Multi-Wall Carbon Nanotube Modified Glassy Carbon Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	3
49	Fabrication of a supercapacitor with a PVAâ€“KOHâ€“KI electrolyte and nanosilver flexible electrodes. <i>Microelectronic Engineering</i> , 2015, 140, 29-32.	2.4	17
50	A Novel Electrochemical Biosensor Based on a Modified Gold Electrode for Hydrogen Peroxide Determination in Different Beverage Samples. <i>Food Analytical Methods</i> , 2015, 8, 1546-1555.	2.6	23
51	Preparation of hydrophobic and conductive cotton fabrics using multi-wall carbon nanotubes by the solâ€“gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 14-21.	2.4	22
52	The comparison of sonochemistry, electrochemistry and sonoelectrochemistry techniques on decolorization of C.I Reactive Blue 49. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 609-615.	8.2	34
53	Application of Oracet Blue in a novel and sensitive electrochemical biosensor for the detection of microRNA. <i>Analytical Methods</i> , 2015, 7, 9495-9503.	2.7	29
54	Optimization of nano TiO ₂ pretreatment on free acid dyeing of wool using central composite design. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 1068-1076.	5.8	17

#	ARTICLE	IF	CITATIONS
55	Developing a sensor for the simultaneous determination of adrenaline, uric acid, and tryptophan. <i>Ionics</i> , 2014, 20, 275-285.	2.4	5
56	Statistical optimization of wool dyeing with Alizarin Red S as a natural dye via central composite design. <i>Fibers and Polymers</i> , 2014, 15, 254-260.	2.1	15
57	Removal of Fe(II) from aqueous solution using pomegranate peel carbon: equilibrium and kinetic studies. <i>International Journal of Industrial Chemistry</i> , 2013, 4, 19.	3.1	48
58	Electrocatalytic determination of dopamine in the presence of uric acid using an indenedione derivative and multiwall carbon nanotubes spiked in carbon paste electrode. <i>Materials Science and Engineering C</i> , 2013, 33, 1491-1497.	7.3	17
59	Simultaneous determination of adrenaline, uric acid, and cysteine using bifunctional electrocatalyst of ruthenium oxide nanoparticles. <i>Comptes Rendus Chimie</i> , 2013, 16, 287-295.	0.5	18
60	A combination of nordihydroguaiaretic acid as an electron transfer mediator and multi-walled carbon nanotubes for simultaneous electrocatalytic determination of noradrenaline, uric acid, and tryptophan. <i>Catalysis Science and Technology</i> , 2013, 3, 1224.	4.1	1
61	Synthesis and Characterization a Novel Co-Crystal of Acridinium Bis(pyridine-2,6-dicarboxylato) Iron(III), Acridine, and Water Molecule, $\{[(Hacr)[Fe(pydc)_2]_2 \cdot acr \cdot H_2O]$. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 1181-1185.	0.6	5
62	Electrosynthesis of an imidazole derivative and its application as a bifunctional electrocatalyst for simultaneous determination of ascorbic acid, adrenaline, acetaminophen, and tryptophan at a multi-wall carbon nanotubes modified electrode surface. <i>Biosensors and Bioelectronics</i> , 2013, 41, 608-614.	10.1	44
63	Cellulase Pretreatment on Mercerized Cotton to Enhance X-Linking, Self-cleaning, and Antibacterial Properties Using Nano TiO ₂ /CA/BTCA: Statistical Approaches. <i>Journal of Engineered Fibers and Fabrics</i> , 2013, 8, 155892501300800.	1.0	1
64	Developing a Sensor for the Simultaneous Determination of Dopamine, Acetaminophen and Tryptophan in Pharmaceutical Samples Using a Multi-Walled Carbon Nanotube and Oxadiazole Modified Glassy Carbon Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
65	Fabrication, electrochemical characteristics and electrocatalytic activity of 4-((2-hydroxyphenylimino)methyl)benzene-1,2-diol electrodeposited on a carbon nanotube modified glassy carbon electrode as a hydrazine sensor. <i>Catalysis Science and Technology</i> , 2012, 2, 2492.	4.1	24
66	Fabrication, characterization and analytical performance of the hydroxylamine sensor based on an oracet blue multi-walled carbon nanotubes film deposited on an electrode surface. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1070-1077.	0.6	10
67	Optimization of wool dyeing with rutin as natural dye by central composite design method. <i>Industrial Crops and Products</i> , 2012, 40, 361-366.	5.2	67
68	A comparison of the electrochemical and electroanalytical behavior of ascorbic acid, dopamine and uric acid at bare, activated and multi-wall carbon nanotubes modified glassy carbon electrodes. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, S55-S66.	2.2	23
69	A study of the electrochemical behavior of an oxadiazole derivative electrodeposited on multi-wall carbon nanotube-modified electrode and its application as a hydrazine sensor. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 2683-2693.	2.5	30
70	Introduction of hematoxylin as an electroactive label for DNA biosensors and its employment in detection of target DNA sequence and single-base mismatch in human papilloma virus corresponding to oligonucleotide. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2638-2644.	10.1	62
71	A study of the electrochemical behavior of hematoxylin as an important bioactive flavonoid. <i>Electrochimica Acta</i> , 2011, 56, 3920-3925.	5.2	21
72	Preparation, electrochemical behavior and electrocatalytic activity of chlorogenic acid multi-wall carbon nanotubes as a hydroxylamine sensor. <i>Materials Science and Engineering C</i> , 2011, 31, 975-982.	7.3	31

#	ARTICLE	IF	CITATIONS
73	Preparation and structural, spectroscopic, thermal, and electrochemical characterizations of iron(III) compounds containing dipicolinate and 2-aminopyrimidine or acridine. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1718-1728.	2.2	32
74	Simultaneous determination of ascorbic acid, adrenaline and uric acid at a hematoxylin multi-wall carbon nanotube modified glassy carbon electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 143, 666-672.	7.8	91
75	Differential pulse voltammetric determination of hydroxylamine at an indenedione derivative electrode deposited on a multi-wall carbon nanotube modified glassy carbon electrode. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1977-1985.	0.6	13
76	Preparation and electrochemical application of rutin biosensor for differential pulse voltammetric determination of NADH in the presence of acetaminophen. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1421-1434.	0.8	1
77	Electrochemical behavior of an indenedione derivative electrode deposited on a renewable sol-gel derived carbon ceramic electrode modified with multi-wall carbon nanotubes: Application for electrocatalytic determination of hydrazine. <i>Electrochimica Acta</i> , 2009, 54, 2828-2836.	5.2	34
78	Differential pulse voltammetric simultaneous determination of noradrenalin and acetaminophen using a hematoxylin biosensor. <i>Talanta</i> , 2009, 80, 656-663.	5.5	53
79	Hematoxylin multi-wall carbon nanotubes modified glassy carbon electrode for electrocatalytic oxidation of hydrazine. <i>Electrochimica Acta</i> , 2007, 52, 4153-4160.	5.2	126
80	Preconcentration of copper with dithizone-naphthalene for subsequent determination by atomic absorption spectrometry. <i>Journal of Analytical Chemistry</i> , 2007, 62, 46-50.	0.9	14
81	Electrochemical evaluation of coumestan modified carbon paste electrode: Study on its application as a NADH biosensor in presence of uric acid. <i>Sensors and Actuators B: Chemical</i> , 2006, 114, 610-617.	7.8	49
82	Electrochemical properties and electrocatalytic activity of hematoxylin modified carbon paste electrode toward the oxidation of reduced nicotinamide adenine dinucleotide (NADH). <i>Sensors and Actuators B: Chemical</i> , 2006, 120, 288-294.	7.8	60
83	Electrocatalytic Characteristics of Hydrazine and Hydroxylamine Oxidation at Coumestan Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2006, 18, 507-512.	2.9	75
84	Kinetic Determination of Thiocyanate on the Basis of Its Catalytic Effect on the Oxidation of Methylene Blue with Potassium Bromate. <i>Analytical Sciences</i> , 2005, 21, 1213-1216.	1.6	10
85	Electrochemical behavior of quercetin: Experimental and theoretical studies. <i>Journal of Electroanalytical Chemistry</i> , 2005, 584, 77-83.	3.8	115
86	Lead-Selective Poly(vinyl chloride) Membrane Electrode Based on 1-Phenyl-2-(2-quinoly)-1,2-dioxo-2-(4-bromo) phenylhydrazone. <i>Bulletin of the Korean Chemical Society</i> , 2005, 26, 51-56.	1.9	21
87	Speciation analysis of mercury in water samples by cold vapor atomic absorption spectrometry after preconcentration with dithizone immobilized on microcrystalline naphthalene. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1388-1391.	3.7	20
88	Coated Wire Silver-Ion Selective Electrode Based on a 4,4'-Bis(2-thienylmethylene)-1,2-diaminobenzene. <i>Analytical Sciences</i> , 2004, 20, 815-819.	1.6	9