Hassan Karimi-Maleh

List of Publications by Year
in descending order

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		5430	11282
384	25,667	85	141
papers	citations	h-index	g-index

397	397	397	11804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanomolar and Selective Determination of Epinephrine in the Presence of Norepinephrine Using Carbon Paste Electrode Modified with Carbon Nanotubes and Novel 2-(4-Oxo-3-phenyl-3,4-dihydro-quinazolinyl)-Nâ€²-phenyl-hydrazinecarbothioamide. Analytical Chemistry, 2008, 80, 9848-9851.	3.2	468
2	A Novel DNA Biosensor Based on a Pencil Graphite Electrode Modified with Polypyrrole/Functionalized Multiwalled Carbon Nanotubes for Determination of 6-Mercaptopurine Anticancer Drug. Industrial & Engineering Chemistry Research, 2015, 54, 3634-3639.	1.8	395
3	Recent advances in using of chitosan-based adsorbents for removal of pharmaceutical contaminants: A review. Journal of Cleaner Production, 2021, 291, 125880.	4.6	373
4	Simultaneous determination of cholesterol, ascorbic acid and uric acid as three essential biological compounds at a carbon paste electrode modified with copper oxide decorated reduced graphene oxide nanocomposite and ionic liquid. Journal of Colloid and Interface Science, 2020, 560, 208-212.	5.0	364
5	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. Industrial & Engineering Chemistry Research, 2021, 60, 816-823.	1.8	358
6	A critical review on the use of potentiometric based biosensors for biomarkers detection. Biosensors and Bioelectronics, 2021, 184, 113252.	5.3	343
7	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. Chemical Record, 2020, 20, 682-692.	2.9	340
8	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. Journal of Molecular Liquids, 2021, 329, 115062.	2.3	332
9	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. Journal of Molecular Liquids, 2020, 314, 113588.	2.3	323
10	The role of magnetite/graphene oxide nano-composite as a high-efficiency adsorbent for removal of phenazopyridine residues from water samples, an experimental/theoretical investigation. Journal of Molecular Liquids, 2020, 298, 112040.	2.3	319
11	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell Co3O4@MOF-74 nanocomposite. Journal of Colloid and Interface Science, 2021, 592, 174-185.	5.0	307
12	3D reduced graphene oxide/FeNi3-ionic liquid nanocomposite modified sensor; an electrical synergic effect for development of tert-butylhydroquinone and folic acid sensor. Composites Part B: Engineering, 2019, 172, 666-670.	5.9	305
13	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. Journal of Hazardous Materials, 2022, 423, 127058.	6.5	294
14	A novel modified carbon paste electrode based on NiO/CNTs nanocomposite and (9, 10-dihydro-9,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 determination of cysteamine, nicotinamide adenine dinucleotide and folic acid. Biosensors and Bioelectronics, 2013, 48, 270-275.	5.3	287
15	A high sensitive biosensor based on FePt/CNTs nanocomposite/N-(4-hydroxyphenyl)-3,5-dinitrobenzamide modified carbon paste electrode for simultaneous determination of glutathione and piroxicam. Biosensors and Bioelectronics, 2014, 60, 1-7.	5.3	283
16	Modified multiwall carbon nanotubes paste electrode as a sensor for simultaneous determination of 6-thioguanine and folic acid using ferrocenedicarboxylic acid as a mediator. Journal of Electroanalytical Chemistry, 2010, 640, 75-83.	1.9	282
17	Palladiumâ€“Nickel nanoparticles decorated on Functionalized-MWCNT for high precision non-enzymatic glucose sensing. Materials Chemistry and Physics, 2020, 250, 123042.	2.0	270
18	Simultaneous determination of 6-mercaptopruine, 6-thioguanine and dasatinib as three important anticancer drugs using nanostructure voltammetric sensor employing Pt/MWCNTs and 1-butyl-3-methylimidazolium hexafluoro phosphate. Biosensors and Bioelectronics, 2016, 86, 879-884.	5.3	264

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19	Simultaneous determination of doxorubicin and dasatinib as two breast anticancer drugs uses an amplified sensor with ionic liquid and ZnO nanoparticle. Journal of Electroanalytical Chemistry, 2018, 811, 84-88.	1.9	262
20	High sensitive voltammetric sensor based on Pt/CNTs nanocomposite modified ionic liquid carbon paste electrode for determination of Sudan I in food samples. Food Chemistry, 2013, 141, 4311-4317.	4.2	256
21	A new nickel-based co-crystal complex electrocatalyst amplified by NiO dope Pt nanostructure hybrid; a highly sensitive approach for determination of cysteamine in the presence of serotonin. Scientific Reports, 2020, 10, 11699.	1.6	250
22	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. Journal of Molecular Liquids, 2020, 310, 113185.	2.3	248
23	A novel electrochemical epinine sensor using amplified CuO nanoparticles and an-hexyl-3-methylimidazolium hexafluorophosphate electrode. New Journal of Chemistry, 2019, 43, 2362-2367.	1.4	246
24	A new epirubicin biosensor based on amplifying DNA interactions with polypyrrole and nitrogen-doped reduced graphene: Experimental and docking theoretical investigations. Sensors and Actuators B: Chemical, 2019, 284, 568-574.	4.0	246
25	The determination of 2-phenylphenol in the presence of 4-chlorophenol using nano-Fe3O4/ionic liquid paste electrode as an electrochemical sensor. Journal of Colloid and Interface Science, 2019, 554, 603-610.	5.0	242
26	Analysis of glutathione in the presence of acetaminophen and tyrosine via an amplified electrode with MgO/SWCNTs as a sensor in the hemolyzed erythrocyte. Talanta, 2018, 176, 208-213.	2.9	238
27	Voltammetric amplified platform based on ionic liquid/NiO nanocomposite for determination of benserazide and levodopa. Journal of Molecular Liquids, 2019, 278, 672-676.	2.3	237
28	Novel 1-butyl-3-methylimidazolium bromide impregnated chitosan hydrogel beads nanostructure as an efficient nanobio-adsorbent for cationic dye removal: Kinetic study. Environmental Research, 2021, 195, 110809.	3.7	234
29	Facile synthesis of paper based graphene electrodes for point of care devices: A double stranded DNA (dsDNA) biosensor. Journal of Colloid and Interface Science, 2020, 566, 463-472.	5.0	232
30	Recent advances in carbon nanomaterials-based electrochemical sensors for food azo dyes detection. Food and Chemical Toxicology, 2022, 164, 112961.	1.8	231
31	Determination of D&C Red 33 and Patent Blue V Azo dyes using an impressive electrochemical sensor based on carbon paste electrode modified with ZIF-8/g-C3N4/Co and ionic liquid in mouthwash and toothpaste as real samples. Food and Chemical Toxicology, 2022, 162, 112907.	1.8	231
32	A new strategy for determination of bisphenol A in the presence of Sudan I using a ZnO/CNTs/ionic liquid paste electrode in food samples. Food Chemistry, 2014, 158, 125-131.	4.2	230
33	Ethynylferroceneâ€“NiO/MWCNT nanocomposite modified carbon paste electrode as a novel voltammetric sensor for simultaneous determination of glutathione and acetaminophen. Sensors and Actuators B: Chemical, 2013, 177, 70-77.	4.0	223
34	A sensitive molecularly imprinted polymer based quartz crystal microbalance nanosensor for selective determination of lovastatin in red yeast rice. Food Chemistry, 2015, 185, 430-436.	4.2	208
35	Sensitive voltammetric determination of epinephrine in the presence of acetaminophen at a novel ionic liquid modified carbon nanotubes paste electrode. Journal of Molecular Liquids, 2012, 168, 69-74.	2.3	198
36	Simultaneous determination of N-acetylcysteine and acetaminophen by voltammetric method using N-(3,4-dihydroxyphenethyl)-3,5-dinitrobenzamide modified multiwall carbon nanotubes paste electrode. Sensors and Actuators B: Chemical, 2011, 155, 464-472.	4.0	195

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37	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. Chemosphere, 2022, 291, 132928.	4.2	194
38	Application of modified multiwall carbon nanotubes paste electrode for simultaneous voltammetric determination of morphine and diclofenac in biological and pharmaceutical samples. Sensors and Actuators B: Chemical, 2012, 169, 96-105.	4.0	193
39	A review on magnetic sensors for monitoring of hazardous pollutants in water resources. Science of the Total Environment, 2022, 824, 153844.	3.9	191
40	Highly sensitive square wave voltammetric sensor employing CdO/SWCNTs and room temperature ionic liquid for analysis of vanillin and folic acid in food samples. Journal of Food Composition and Analysis, 2017, 62, 254-259.	1.9	189
41	Removal of metal ions using a new magnetic chitosan nano-bio-adsorbent; A powerful approach in water treatment. Environmental Research, 2022, 203, 111753.	3.7	185
42	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO2 for efficient photocatalytic degradation process. Chemosphere, 2021, 281, 130795.	4.2	178
43	A Voltammetric Sensor for Simultaneous Determination of Vitamin C and Vitamin B6 in Food Samples Using ZrO2 Nanoparticle/Ionic Liquids Carbon Paste Electrode. Food Analytical Methods, 2015, 8, 549-557.	1.3	176
44	An electrochemical-amplified-platform based on the nanostructure voltammetric sensor for the determination of carmoisine in the presence of tartrazine in dried fruit and soft drink samples. Journal of Food Measurement and Characterization, 2018, 12, 634-640.	1.6	175
45	Congo red dye removal from aqueous environment by cationic surfactant modified-biomass derived carbon: Equilibrium, kinetic, and thermodynamic modeling, and forecasting via artificial neural network approach. Chemosphere, 2022, 290, 133346.	4.2	175
46	Application of ZnO/CNTs Nanocomposite Ionic Liquid Paste Electrode as a Sensitive Voltammetric Sensor for Determination of Ascorbic Acid in Food Samples. Food Analytical Methods, 2013, 6, 1639-1647.	1.3	171
47	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. Journal of Nanostructure in Chemistry, 2022, 12, 429-439.	5.3	171
48	Sensitive and selective determination of aqueous triclosan based on gold nanoparticles on polyoxometalate/reduced graphene oxide nanohybrid. RSC Advances, 2015, 5, 65953-65962.	1.7	169
49	A nanostructure voltammetric platform amplified with ionic liquid for determination of tert-butylhydroxyanisole in the presence kojic acid. Journal of Food Measurement and Characterization, 2019, 13, 1781-1787.	1.6	168
50	Synthesis and application of FePt/CNTs nanocomposite as a sensor and novel amide ligand as a mediator for simultaneous determination of glutathione, nicotinamide adenine dinucleotide and tryptophan. Physical Chemistry Chemical Physics, 2013, 15, 5888.	1.3	166
51	CoFe2O4@TiO2 decorated reduced graphene oxide nanocomposite for photocatalytic degradation of chlorpyrifos. Journal of Molecular Liquids, 2015, 208, 122-129.	2.3	166
52	A novel nanosensor based on Pt:Co nanoalloy ionic liquid carbon paste electrode for voltammetric determination of vitamin B9 in food samples. LWT - Food Science and Technology, 2014, 57, 679-685.	2.5	163
53	Novel enzymatic graphene oxide based biosensor for the detection of glutathione in biological body fluids. Chemosphere, 2022, 287, 132187.	4.2	160
54	Magnetic iron oxide and iron oxide@gold nanoparticle anchored nitrogen and sulfur-functionalized reduced graphene oxide electrocatalyst for methanol oxidation. RSC Advances, 2015, 5, 26402-26409.	1.7	157

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55	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. Nano-Micro Letters, 2021, 13, 18.	14.4	157
56	Formation and stabilization of colloidal ultra-small palladium nanoparticles on diamine-modified Cr-MIL-101: Synergic boost to hydrogen production from formic acid. Journal of Colloid and Interface Science, 2020, 567, 126-135.	5.0	153
57	Biodegradable polymers and their nano-composites for the removal of endocrine-disrupting chemicals (EDCs) from wastewater: A review. Environmental Research, 2021, 202, 111694.	3.7	152
58	MOF-Mediated Destruction of Cancer Using the Cellâ€™s Own Hydrogen Peroxide. ACS Applied Materials & Interfaces, 2017, 9, 33599-33608.	4.0	146
59	Electrochemical behaviors and determination of carbidopa on carbon nanotubes ionic liquid paste electrode. Journal of Molecular Liquids, 2012, 173, 137-143.	2.3	140
60	Carbon Paste Electrode Incorporating 1â€[4â€(Ferrocenyl Ethynyl) Phenyl]â€1â€Ethanone for Electrocatalytic and Voltammetric Determination of Tryptophan. Electroanalysis, 2008, 20, 1259-1262.	1.5	139
61	A voltammetric sensor based on NiO/CNTs ionic liquid carbon paste electrode for determination of morphine in the presence of diclofenac. Materials Science and Engineering C, 2014, 35, 379-385.	3.8	139
62	Highly sensitive voltammetric sensor based on catechol-derivative-multiwall carbon nanotubes for the catalytic determination of captopril in patient human urine samples. Colloids and Surfaces B: Biointerfaces, 2011, 87, 480-488.	2.5	127
63	Electrochemical quantification of mancozeb through tungsten oxide/reduced graphene oxide nanocomposite: A potential method for environmental remediation. Food and Chemical Toxicology, 2022, 161, 112843.	1.8	124
64	Electrochemical behavior of morphine at ZnO/CNT nanocomposite room temperature ionic liquid modified carbon paste electrode and its determination in real samples. Journal of Molecular Liquids, 2013, 181, 8-13.	2.3	123
65	Recent advances in Ponceau dyes monitoring as food colorant substances by electrochemical sensors and developed procedures for their removal from real samples. Food and Chemical Toxicology, 2022, 161, 112830.	1.8	117
66	An electrochemical nanocomposite modified carbon paste electrode as a sensor for simultaneous determination of hydrazine and phenol in water and wastewater samples. Environmental Science and Pollution Research, 2014, 21, 5879-5888.	2.7	113
67	Surface amplification of pencil graphite electrode with polypyrrole and reduced graphene oxide for fabrication of a guanine/adenine DNA based electrochemical biosensors for determination of didanosine anticancer drug. Applied Surface Science, 2018, 441, 55-60.	3.1	113
68	Three-dimensional porous reduced graphene oxide decorated with carbon quantum dots and platinum nanoparticles for highly selective determination of azo dye compound tartrazine. Food and Chemical Toxicology, 2021, 158, 112698.	1.8	110
69	Amplified nanostructure electrochemical sensor for simultaneous determination of captopril, acetaminophen, tyrosine and hydrochlorothiazide. Materials Science and Engineering C, 2017, 73, 472-477.	3.8	102
70	Determination of nifedipine using nanostructured electrochemical sensor based on simple synthesis of Ag nanoparticles at the surface of glassy carbon electrode: Application to the analysis of some real samples. Journal of Electroanalytical Chemistry, 2013, 697, 53-59.	1.9	101
71	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. Journal of Food Measurement and Characterization, 2021, 15, 4098-4104.	1.6	101
72	Fabrication of a new electrocatalytic sensor for determination of diclofenac, morphine and mefenamic acid using synergic effect of NiO-SWCNT and 2, 4-dimethyl-N/-[1- (2, 3-dihydroxy phenyl) methylidene] aniline. Sensors and Actuators B: Chemical, 2018, 273, 228-233.	4.0	100

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73	Evaluation of ZnO nanoparticle ionic liquid composite as a voltammetric sensing of isoprenaline in the presence of aspirin for liquid phase determination. Journal of Molecular Liquids, 2015, 201, 102-107.	2.3	99
74	High performance of screen-printed graphite electrode modified with Niâ€“Mo-MOF for voltammetric determination of amaranth. Journal of Food Measurement and Characterization, 2021, 15, 4617-4622.	1.6	99
75	A novel biosensor for liquid phase determination of glutathione and amoxicillin in biological and pharmaceutical samples using a ZnO/CNTs nanocomposite/catechol derivative modified electrode. Journal of Molecular Liquids, 2014, 196, 258-263.	2.3	98
76	Characterization of Mn-nanoparticles decorated organo-functionalized SiO2â€“Al2O3 mixed-oxide as a novel electrochemical sensor: application for the voltammetric determination of captopril. Journal of Materials Chemistry, 2011, 21, 15022.	6.7	97
77	Synergic effect of Pt-Co nanoparticles and a dopamine derivative in a nanostructured electrochemical sensor for simultaneous determination of N-acetylcysteine, paracetamol and folic acid. Mikrochimica Acta, 2016, 183, 2957-2964.	2.5	97
78	Multi-walled carbon nanotubes decorated with palladium nanoparticles as a novel platform for electrocatalytic sensing applications. RSC Advances, 2014, 4, 49595-49604.	1.7	95
79	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. Journal of Food Measurement and Characterization, 2021, 15, 3837-3852.	1.6	95
80	ZnO nanoparticle-modified ionic liquid-carbon paste electrodefor voltammetric determination of folic acid in food and pharmaceutical samples. Ionics, 2014, 20, 421-429.	1.2	94
81	Fast and sensitive determination of captopril by voltammetric method using ferrocenedicarboxylic acid modified carbon paste electrode. Journal of Solid State Electrochemistry, 2010, 14, 9-15.	1.2	93
82	Voltammetric determination of norepinephrine in the presence of acetaminophen using a novel ionic liquid/multiwall carbon nanotubes paste electrode. Materials Science and Engineering C, 2012, 32, 1912-1918.	3.8	92
83	A voltammetric biosensor based on ionic liquid/NiO nanoparticle modified carbon paste electrode for the determination of nicotinamide adenine dinucleotide (NADH). Sensors and Actuators B: Chemical, 2014, 204, 647-654.	4.0	92
84	Liquid phase determination of adrenaline uses a voltammetric sensor employing CuFe2O4 nanoparticles and room temperature ionic liquids. Journal of Molecular Liquids, 2016, 213, 369-373.	2.3	90
85	Utilization of a double-cross-linked amino-functionalized three-dimensional graphene networks as a monolithic adsorbent for methyl orange removal: Equilibrium, kinetics, thermodynamics and artificial neural network modeling. Environmental Research, 2022, 207, 112156.	3.7	90
86	Highly selective and sensitive voltammetric sensor based on modified multiwall carbon nanotube paste electrode for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. Materials Science and Engineering C, 2013, 33, 811-816.	3.8	89
87	Electrocatalytic Determination of 6â€Tioguanine at a pâ€Aminophenol Modified Carbon Paste Electrode. Electroanalysis, 2008, 20, 1973-1979.	1.5	88
88	Fabrication of a sensor for simultaneous determination of norepinephrine, acetaminophen and tryptophan using a modified carbon nanotube paste electrode. Analytical Methods, 2012, 4, 259-264.	1.3	87
89	Simultaneous Determination of Ascorbic Acid, Acetaminophen, and Tryptophan by Square Wave Voltammetry Using Nâ€(3,4â€Dihydroxyphenethyl)â€3,5â€Dinitrobenzamideâ€Modified Carbon Nanotubes Paste Electrode. Electroanalysis, 2012, 24, 666-675.	1.5	87
90	A new strategy for the selective determination of glutathione in the presence of nicotinamide adenine dinucleotide (NADH) using a novel modified carbon nanotube paste electrode. Colloids and Surfaces B: Biointerfaces, 2013, 104, 186-193.	2.5	87

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91	A Voltammetric Sensor Based on Modified Multiwall Carbon Nanotubes for Cysteamine Determination in the Presence of Tryptophan Using pâ€Aminophenol as a Mediator. Electroanalysis, 2010, 22, 2558-2568.	1.5	85
92	p-Aminophenolâ€“multiwall carbon nanotubesâ€“TiO2 electrode as a sensor for simultaneous determination of penicillamine and uric acid. Colloids and Surfaces B: Biointerfaces, 2010, 81, 42-49.	2.5	85
93	Application of ionic liquidâ€“TiO2 nanoparticle modified carbon paste electrode for the voltammetric determination of benserazide in biological samples. Materials Science and Engineering C, 2013, 33, 831-835.	3.8	85
94	A Voltammetric Sensor for the Simultaneous Determination of l-Cysteine and Tryptophan Using a p-Aminophenol-Multiwall Carbon Nanotube Paste Electrode. Analytical Sciences, 2011, 27, 409-414.	0.8	84
95	A sensitive nanocomposite-based electrochemical sensor for voltammetric simultaneous determination of isoproterenol, acetaminophen and tryptophan. Measurement: Journal of the International Measurement Confederation, 2014, 51, 91-99.	2.5	84
96	A novel voltammetric sensor employing zinc oxide nanoparticles and a new ferrocene-derivative modified carbon paste electrode for determination of captopril in drug samples. Analytical Methods, 2016, 8, 1780-1788.	1.3	84
97	A novel biosensor based on ZnO nanoparticle/1,3-dipropylimidazolium bromide ionic liquid-modified carbon paste electrode for square-wave voltammetric determination of epinephrine. Physics and Chemistry of Liquids, 2013, 51, 704-714.	0.4	83
98	Ionic liquid/multiwall carbon nanotubes paste electrode for square wave voltammetric determination of methyldopa. Ionics, 2013, 19, 1163-1170.	1.2	83
99	Electrocatalytic and Simultaneous Determination of Ascorbic Acid, Nicotinamide Adenine Dinucleotide and Folic Acid at Ruthenium(II) Complexâ€ZnO/CNTs Nanocomposite Modified Carbon Paste Electrode. Electroanalysis, 2014, 26, 962-970.	1.5	83
100	Electrochemical determination of vitamin C in the presence of NADH using a CdO nanoparticle/ionic liquid modified carbon paste electrode as a sensor. Journal of Molecular Liquids, 2016, 213, 312-316.	2.3	83
101	Magnetic-MXene-based nanocomposites for water and wastewater treatment: A review. Journal of Water Process Engineering, 2022, 47, 102696.	2.6	83
102	Multi-wall carbon nanotubes as a sensor and ferrocene dicarboxylic acid as a mediator for voltammetric determination of glutathione in hemolysed erythrocyte. Analytical Methods, 2011, 3, 2637.	1.3	82
103	ZnO/CNTs nanocomposite/ionic liquid carbon paste electrode for determination of noradrenaline in human samples. Electrochimica Acta, 2014, 123, 456-462.	2.6	82
104	Integrin Clustering Matters: A Review of Biomaterials Functionalized with Multivalent Integrinâ€Binding Ligands to Improve Cell Adhesion, Migration, Differentiation, Angiogenesis, and Biomedical Device Integration. Advanced Healthcare Materials, 2018, 7, e1701324.	3.9	81
105	Sensitive voltammetric determination of diclofenac using room-temperature ionic liquid-modified carbon nanotubes paste electrode. Ionics, 2013, 19, 137-144.	1.2	80
106	Determination of captopril in patient human urine using ferrocenemonocarboxylic acid modified carbon nanotubes paste electrode. Chinese Chemical Letters, 2010, 21, 1467-1470.	4.8	79
107	Optimization of an air drying process for Artemisia absinthium leaves using response surface and artificial neural network models. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 29-39.	2.7	79
108	Electrocatalytic determination of sulfite using a modified carbon nanotubes paste electrode: application for determination of sulfite in real samples. Ionics, 2012, 18, 687-694.	1.2	79

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109	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. Environmental Research, 2022, 205, 112475.	3.7	79
110	Nâ€(3,4â€Dihydroxyphenethyl)â€3,5â€dinitrobenzamideâ€Modified Multiwall Carbon Nanotubes Paste Electrode as a Novel Sensor for Simultaneous Determination of Penicillamine, Uric acid, and Tryptophan. Electroanalysis, 2011, 23, 1478-1487.	1.5	78
111	A novel 5-fluorouracile anticancer drug sensor based on ZnFe2O4 magnetic nanoparticles ionic liquids carbon paste electrode. Sensors and Actuators B: Chemical, 2016, 230, 607-614.	4.0	77
112	Electrocatalytic oxidation of glutathione at carbon paste electrode modified with 2,7-bis (ferrocenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 39, 1169-1175.	1.5	76
113	Characterization of the Electrochemical Profiles of Lycoris Seeds for Species Identification and Infrageneric Relationships. Analytical Letters, 2020, 53, 2517-2528.	1.0	75
114	Voltammetric determination of isoproterenol using multiwall carbon nanotubesâ€ionic liquid paste electrode. Drug Testing and Analysis, 2011, 3, 325-330.	1.6	73
115	Sensitive and selective determination of phenylhydrazine in the presence of hydrazine at a ferrocene-modified carbon nanotube paste electrode. Environmental Chemistry Letters, 2011, 9, 375-381.	8.3	73
116	Valorisation of nuts biowaste: Prospects in sustainable bio(nano)catalysts and environmental applications. Journal of Cleaner Production, 2022, 347, 131220.	4.6	71
117	Electrochemical behavior of isoproterenol in the presence of uric acid and folic acid at a carbon paste electrode modified with 2,7-bis(ferrocenyl ethyl)fluoren-9-one and carbon nanotubes. Journal of Solid State Electrochemistry, 2012, 16, 1701-1707.	1.2	69
118	A Novel Strategy for Determination of Paracetamol in the Presence of Morphine Using a Carbon Paste Electrode Modified with CdO Nanoparticles and Ionic Liquids. Electroanalysis, 2016, 28, 366-371.	1.5	66
119	Development of an electrochemical biosensor for phylogenetic analysis of Amaryllidaceae based on the enhanced electrochemical fingerprint recorded from plant tissue. Biosensors and Bioelectronics, 2020, 159, 112212.	5.3	66
120	Ferrocenedicarboxylic acid modified carbon paste electrode: a sensor for electrocatalytic determination of hydrochlorothiazide. Journal of the Brazilian Chemical Society, 2009, 20, 880-887.	0.6	65
121	An amplified platform nanostructure sensor for the analysis of epirubicin in the presence of topotecan as two important chemotherapy drugs for breast cancer therapy. New Journal of Chemistry, 2018, 42, 3828-3832.	1.4	65
122	Amplified electrochemical sensor employing CuO/SWCNTs and 1-butyl-3-methylimidazolium hexafluorophosphate for selective analysis of sulfisoxazole in the presence of folic acid. Journal of Colloid and Interface Science, 2017, 495, 61-67.	5.0	63
123	Voltammetric amplified sensor employing RuO 2 nano-road and room temperature ionic liquid for amaranth analysis in food samples. Journal of Molecular Liquids, 2017, 229, 489-494.	2.3	62
124	Biocompatibility and mechanical properties of pigeon bone waste extracted natural nano-hydroxyapatite for bone tissue engineering. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114950.	1.7	61
125	Recent Progress in Nanomaterials Modified Electrochemical Biosensors for the Detection of MicroRNA. Micromachines, 2021, 12, 1409.	1.4	61
126	Molecularly imprinted-multiwall carbon nanotube paste electrode as a biosensor for voltammetric detection of rutin. Analytical Methods, 2011, 3, 2510.	1.3	60

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127	Square wave voltammetric determination of diclofenac in liquid phase using a novel ionic liquid multiwall carbon nanotubes paste electrode. Journal of Molecular Liquids, 2014, 197, 114-119.	2.3	59
128	Voltammetric determination of 6-mercaptopurine using a multiwall carbon nanotubes paste electrode in the presence of isoprenaline as a mediator. Journal of Molecular Liquids, 2013, 177, 182-189.	2.3	57
129	A nanostructure label-free DNA biosensor for ciprofloxacin analysis as a chemotherapeutic agent: an experimental and theoretical investigation. New Journal of Chemistry, 2017, 41, 4985-4989.	1.4	57
130	Determination of isoproterenol and uric acid by voltammetric method using carbon nanotubes paste electrode and p-chloranil. Colloids and Surfaces B: Biointerfaces, 2011, 84, 148-154.	2.5	54
131	Effect of process parameters over carbon-based ZIF-62 nano-rooted membrane for environmental pollutants separation. Chemosphere, 2022, 291, 133006.	4.2	54
132	Simultaneous determination of cysteamine and folic acid in pharmaceutical and biological samples using modified multiwall carbon nanotube paste electrode. Chinese Chemical Letters, 2012, 23, 237-240.	4.8	53
133	Sensitive and Selective Electrochemical Detection of Epirubicin as Anticancer Drug Based on Nickel Ferrite Decorated with Gold Nanoparticles. Micromachines, 2021, 12, 1334.	1.4	53
134	Surface amplification of pencil graphite electrode using CuO nanoparticle/polypyrrole nanocomposite; a powerful electrochemical strategy for determination of tramadol. Microchemical Journal, 2020, 158, 105179.	2.3	52
135	Effects of surface treatment of TiO2 nanoparticles on the adhesion and anticorrosion properties of the epoxy coating on mild steel using electrochemical technique. Progress in Organic Coatings, 2018, 119, 99-108.	1.9	51
136	Fabrication of an Electroanalytical Sensor for Determination of Deoxyepinephrine in the Presence of Uric Acid Using CuFe₂O_{4Â}Nanoparticle/Ionic Liquid Amplified Sensor. Journal of the Electrochemical Society, 2019, 166, H218-H223.	1.3	50
137	Recent advantages in electrochemical monitoring for the analysis of amaranth and carminic acid as food color. Food and Chemical Toxicology, 2022, 163, 112929.	1.8	50
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