

Hadi Beitollahi

List of Publications by Year in descending order

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Version: 2024-02-01

281
papers

13,738
citations

9264

74
h-index

30920

102
g-index

283
all docs

283
docs citations

283
times ranked

6264
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-quinazoliny)-N-phenyl-hydrazinecarbothioamide. <i>Analytical Chemistry</i> , 2008, 80, 9848-9851.	6.5	468
2	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. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 816-823.	3.7	358
3	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113252.	10.1	343
4	Carbon and graphene quantum dots: a review on syntheses, characterization, biological and sensing applications for neurotransmitter determination. <i>RSC Advances</i> , 2020, 10, 15406-15429.	3.6	315
5	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. <i>Biosensors and Bioelectronics</i> , 2014, 60, 1-7.	10.1	283
6	Recent advances in carbon nanomaterials-based electrochemical sensors for food azo dyes detection. <i>Food and Chemical Toxicology</i> , 2022, 164, 112961.	3.6	231
7	New strategy for simultaneous and selective voltammetric determination of norepinephrine, acetaminophen and folic acid using ZrO ₂ nanoparticles-modified carbon paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2010, 151, 243-249.	7.8	203
8	Novel 2,2'-[1,2-ethanediylbis(nitriloethylidene)]-bis-hydroquinone double-wall carbon nanotube paste electrode for simultaneous determination of epinephrine, uric acid and folic acid. <i>Biosensors and Bioelectronics</i> , 2008, 24, 362-368.	10.1	202
9	Sensitive voltammetric determination of epinephrine in the presence of acetaminophen at a novel ionic liquid modified carbon nanotubes paste electrode. <i>Journal of Molecular Liquids</i> , 2012, 168, 69-74.	4.9	198
10	Application of modified multiwall carbon nanotubes paste electrode for simultaneous voltammetric determination of morphine and diclofenac in biological and pharmaceutical samples. <i>Sensors and Actuators B: Chemical</i> , 2012, 169, 96-105.	7.8	193
11	Electrocatalytic and simultaneous determination of isoproterenol, uric acid and folic acid at molybdenum (VI) complex-carbon nanotube paste electrode. <i>Electrochimica Acta</i> , 2011, 56, 10259-10263.	5.2	146
12	Electrochemical and catalytic investigations of dopamine and uric acid by modified carbon nanotube paste electrode. <i>Bioelectrochemistry</i> , 2009, 75, 1-8.	4.6	143
13	Green Synthesis of Magnetic Nanocomposite with Iron Oxide Deposited on Cellulose Nanocrystals with Copper (Fe ₃ O ₄ @CNC/Cu): Investigation of Catalytic Activity for the Development of a Venlafaxine Electrochemical Sensor. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 4219-4228.	3.7	142
14	Synthesis of ZnO nanorods and their application in the construction of a nanostructure-based electrochemical sensor for determination of levodopa in the presence of carbidopa. <i>Analyst</i> , The, 2014, 139, 4356-4364.	3.5	141
15	Performance of metal-organic frameworks in the electrochemical sensing of environmental pollutants. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8195-8220.	10.3	135
16	Recent Advances in Applications of Voltammetric Sensors Modified with Ferrocene and Its Derivatives. <i>ACS Omega</i> , 2020, 5, 2049-2059.	3.5	132
17	Recent developments in conducting polymers: applications for electrochemistry. <i>RSC Advances</i> , 2020, 10, 37834-37856.	3.6	131
18	Recent Developments in Polymer Nanocomposite-Based Electrochemical Sensors for Detecting Environmental Pollutants. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 1112-1136.	3.7	128

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19	Highly sensitive electrochemical sensor based on La ³⁺ -doped Co ₃ O ₄ nanocubes for determination of sudan I content in food samples. <i>Food Chemistry</i> , 2019, 286, 191-196.	8.2	123
20	Selective voltammetric determination of norepinephrine in the presence of acetaminophen and folic acid at a modified carbon nanotube paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2011, 661, 336-342.	3.8	117
21	Recent advances in ZnO nanostructure-based electrochemical sensors and biosensors. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5826-5844.	5.8	116
22	Electrochemical behavior of a carbon paste electrode modified with 5-amino-2,4-dimethyl-biphenyl-2-ol/carbon nanotube and its application for simultaneous determination of isoproterenol, acetaminophen and N-acetylcysteine. <i>Electrochimica Acta</i> , 2012, 68, 220-226.	5.2	115
23	Graphene Oxide/ZnO Nano Composite for Sensitive and Selective Electrochemical Sensing of Levodopa and Tyrosine Using Modified Graphite Screen Printed Electrode. <i>Electroanalysis</i> , 2016, 28, 2237-2244.	2.9	113
24	Recent Electrochemical Applications of Metal-Organic Framework-Based Materials. <i>Crystal Growth and Design</i> , 2020, 20, 7034-7064.	3.0	112
25	Electrochemical determination of the anticancer drug taxol at a ds-DNA modified pencil-graphite electrode and its application as a label-free electrochemical biosensor. <i>Talanta</i> , 2015, 134, 60-64.	5.5	108
26	Applications of electrochemical sensors and biosensors based on modified screen-printed electrodes: a review. <i>Analytical Methods</i> , 2020, 12, 1547-1560.	2.7	108
27	A new electrochemical DNA biosensor based on modified carbon paste electrode using graphene quantum dots and ionic liquid for determination of topotecan. <i>Microchemical Journal</i> , 2019, 150, 104085.	4.5	107
28	A Review on the Effects of Introducing CNTs in the Modification Process of Electrochemical Sensors. <i>Electroanalysis</i> , 2019, 31, 1195-1203.	2.9	107
29	Electrocatalytic oxidation and determination of epinephrine in the presence of uric acid and folic acid at multiwalled carbon nanotubes/molybdenum(vi) complex modified carbon paste electrode. <i>Analytical Methods</i> , 2011, 3, 1810.	2.7	106
30	Nanostructured Base Electrochemical Sensor for Simultaneous Quantification and Voltammetric Studies of Levodopa and Carbidopa in Pharmaceutical Products and Biological Samples. <i>Electroanalysis</i> , 2014, 26, 1090-1098.	2.9	105
31	Selective Detection of Dopamine in the Presence of Uric Acid Using NiO Nanoparticles Decorated on Graphene Nanosheets Modified Screen-Printed Electrodes. <i>Electroanalysis</i> , 2016, 28, 2022-2028.	2.9	105
32	Electrocatalytic Determination of Ascorbic Acid at the Surface of 2,7-Bis(ferrocenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (ethyl)	2.9	104
33	Simultaneous electrochemical determination of dopamine, melatonin, methionine and caffeine. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 195-203.	7.8	104
34	Electrochemical determination of sulfite and phenol using a carbon paste electrode modified with ionic liquids and graphene nanosheets: Application to determination of sulfite and phenol in real samples. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 56, 170-177.	5.0	102
35	Simultaneous determination of levodopa, carbidopa and tryptophan using nanostructured electrochemical sensor based on novel hydroquinone and carbon nanotubes: Application to the analysis of some real samples. <i>Electrochimica Acta</i> , 2011, 56, 9113-9120.	5.2	101
36	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. <i>Journal of Electroanalytical Chemistry</i> , 2013, 697, 53-59.	3.8	101

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37	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4098-4104.	3.2	101
38	A screen printed electrode modified with Fe ₃ O ₄ @polypyrrole-Pt core-shell nanoparticles for electrochemical detection of 6-mercaptopurine and 6-thioguanine. <i>Talanta</i> , 2021, 232, 122379.	5.5	101
39	Application of a new ferrocene-derivative modified-graphene paste electrode for simultaneous determination of isoproterenol, acetaminophen and theophylline. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 228-236.	7.8	100
40	High performance of screen-printed graphite electrode modified with Ni-Mo-MOF for voltammetric determination of amaranth. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4617-4622.	3.2	99
41	Application of a Carbon Paste Electrode Modified with 2,7-Bis(ferrocenyl ethyl)fluorenone and Carbon Nanotubes for Voltammetric Determination of Levodopa in the Presence of Uric Acid and Folic Acid. <i>Electroanalysis</i> , 2011, 23, 1934-1940.	2.9	98
42	Application of graphite screen printed electrode modified with dysprosium tungstate nanoparticles in voltammetric determination of norepinephrine in the presence of acetylcholine. <i>Journal of Rare Earths</i> , 2018, 36, 750-757.	4.8	96
43	Multi-walled carbon nanotubes decorated with palladium nanoparticles as a novel platform for electrocatalytic sensing applications. <i>RSC Advances</i> , 2014, 4, 49595-49604.	3.6	95
44	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3837-3852.	3.2	95
45	ZnO nanoparticle-modified ionic liquid-carbon paste electrode for voltammetric determination of folic acid in food and pharmaceutical samples. <i>Ionics</i> , 2014, 20, 421-429.	2.4	94
46	Voltammetric Determination of Bisphenol A in Water and Juice Using a Lanthanum (III)-Doped Cobalt (II,III) Nanocube Modified Carbon Screen-Printed Electrode. <i>Analytical Letters</i> , 2019, 52, 1432-1444.	1.8	94
47	Developments and applications of nanomaterial-based carbon paste electrodes. <i>RSC Advances</i> , 2020, 10, 21561-21581.	3.6	94
48	Voltammetric determination of norepinephrine in the presence of acetaminophen using a novel ionic liquid/multiwall carbon nanotubes paste electrode. <i>Materials Science and Engineering C</i> , 2012, 32, 1912-1918.	7.3	92
49	Methyl dopa electrochemical sensor based on a glassy carbon electrode modified with Cu/TiO ₂ nanocomposite. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 863-874.	0.8	90
50	A highly sensitive nanostructure-based electrochemical sensor for electrocatalytic determination of norepinephrine in the presence of acetaminophen and tryptophan. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2102-2106.	10.1	88
51	Novel nanostructure electrochemical sensor for electrocatalytic determination of norepinephrine in the presence of high concentrations of acetaminophene and folic acid. <i>Applied Catalysis A: General</i> , 2010, 378, 195-201.	4.3	87
52	Fabrication of a sensor for simultaneous determination of norepinephrine, acetaminophen and tryptophan using a modified carbon nanotube paste electrode. <i>Analytical Methods</i> , 2012, 4, 259-264.	2.7	87
53	Application of antibody-nanogold-ionic liquid-carbon paste electrode for sensitive electrochemical immunoassay of thyroid-stimulating hormone. <i>Biosensors and Bioelectronics</i> , 2018, 110, 97-102.	10.1	87
54	Cysteine Voltammetry at a Carbon Paste Electrode Bulk-Modified with Ferrocenedicarboxylic Acid. <i>Electroanalysis</i> , 2007, 19, 1822-1830.	2.9	86

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55	Simultaneous determination of hydroxylamine and phenol using a nanostructure-based electrochemical sensor. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7431-7441.	2.7	85
56	Preparation, characterization and electrochemical application of Ag@ZnO nanoplates for voltammetric determination of glutathione and tryptophan using modified carbon paste electrode. <i>Materials Science and Engineering C</i> , 2015, 57, 107-112.	7.3	85
57	Magnetic nanomaterials based electrochemical (bio)sensors for food analysis. <i>Talanta</i> , 2021, 228, 122075.	5.5	85
58	A sensitive nanocomposite-based electrochemical sensor for voltammetric simultaneous determination of isoproterenol, acetaminophen and tryptophan. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 51, 91-99.	5.0	84
59	Novel nanostructure-based electrochemical sensor for simultaneous determination of dopamine and acetaminophen. <i>Materials Science and Engineering C</i> , 2012, 32, 375-380.	7.3	83
60	Electrochemical Behaviour of a Modified Carbon Nanotube Paste Electrode and Its Application for Simultaneous Determination of Epinephrine, Uric Acid and Folic Acid. <i>Sensor Letters</i> , 2013, 11, 388-394.	0.4	83
61	Electrocatalytic oxidation and voltammetric determination of levodopa in the presence of carbidopa at the surface of a nanostructure based electrochemical sensor. <i>Biosensors and Bioelectronics</i> , 2012, 35, 75-81.	10.1	82
62	Selective voltammetric determination of norepinephrine in the presence of acetaminophen and tryptophan on the surface of a modified carbon nanotube paste electrode. <i>Materials Science and Engineering C</i> , 2013, 33, 3214-3219.	7.3	82
63	Electrochemical characterization of 2,2'-(1,2-ethanediylbis (nitriloethylidene))-bis-hydroquinone-carbon nanotube paste electrode and its application to simultaneous voltammetric determination of ascorbic acid and uric acid. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 353-363.	2.5	80
64	Application of 2-(3,4-dihydroxyphenyl)-1,3-dithialone self-assembled monolayer on gold electrode as a nanosensor for electrocatalytic determination of dopamine and uric acid. <i>Analyst</i> , 2011, 136, 1965.	3.5	80
65	Fabrication of a nanostructure-based electrochemical sensor for simultaneous determination of N-acetylcysteine and acetaminophen. <i>Talanta</i> , 2011, 85, 2128-2134.	5.5	80
66	First report for simultaneous determination of methyl dopa and hydrochlorothiazide using a nanostructured based electrochemical sensor. <i>Journal of Electroanalytical Chemistry</i> , 2013, 704, 137-144.	3.8	80
67	Fabrication of a Nanostructure Based Electrochemical Sensor for Voltammetric Determination of Epinephrine, Uric Acid and Folic Acid. <i>Electroanalysis</i> , 2015, 27, 2620-2628.	2.9	80
68	Electrocatalytic determination of sulfite using a modified carbon nanotubes paste electrode: application for determination of sulfite in real samples. <i>Ionics</i> , 2012, 18, 687-694.	2.4	79
69	Simultaneous determination of droxidopa and carbidopa using a carbon nanotubes paste electrode. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 923-930.	7.8	79
70	First Report for Electrochemical Determination of Levodopa and Cabergoline: Application for Determination of Levodopa and Cabergoline in Human Serum, Urine and Pharmaceutical Formulations. <i>Electroanalysis</i> , 2014, 26, 796-806.	2.9	79
71	Application of a Modified CuO Nanoparticles Carbon Paste Electrode for Simultaneous Determination of Isoperenaline, Acetaminophen and N-acetylcysteine. <i>Electroanalysis</i> , 2016, 28, 645-653.	2.9	79
72	Electrocatalytic Oxidation and Highly Selective Voltammetric Determination of Cysteine at the Surface of a 1-[4-(Ferrocenyl ethynyl)phenyl]-1-ethanone Modified Carbon Paste Electrode. <i>Analytical Sciences</i> , 2006, 22, 1213-1220.	1.6	78

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73	Electrocatalytic Determination of Hydrazine and Phenol Using a Carbon Paste Electrode Modified with Ionic Liquids and Magnetic Core-shell Fe ₃ O ₄ @SiO ₂ /MWCNT Nanocomposite. <i>Electroanalysis</i> , 2016, 28, 1093-1099.	2.9	78
74	Electroanalysis and Simultaneous Determination of 6-Thioguanine in the Presence of Uric Acid and Folic Acid Using a Modified Carbon Nanotube Paste Electrode. <i>Analytical Sciences</i> , 2011, 27, 991-997.	1.6	77
75	Electrocatalytic determination of captopril using a modified carbon nanotube paste electrode: Application to determination of captopril in pharmaceutical and biological samples. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 770-776.	5.0	77
76	Electrochemical Behavior of Ascorbic Acid at a 2,2'-[3,6-Dioxa-1,8-octanediy]bis(nitriloethylidene)]-bis-hydroquinone Carbon Paste Electrode. <i>Analytical Sciences</i> , 2008, 24, 1039-1044.	1.6	75
77	Selective voltammetric determination of d-penicillamine in the presence of tryptophan at a modified carbon paste electrode incorporating TiO ₂ nanoparticles and quinizarine. <i>Journal of Electroanalytical Chemistry</i> , 2010, 644, 1-6.	3.8	73
78	Simultaneous determination of epinephrine and acetaminophen concentrations using a novel carbon paste electrode prepared with 2,2'-[1,2 butanediy]bis(nitriloethylidene)]-bis-hydroquinone and TiO ₂ nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 76, 82-87.	5.0	73
79	Simultaneous determination of epinephrine and uric acid at a gold electrode modified by a 2-(2,3-dihydroxy phenyl)-1, 3-dithiane self-assembled monolayer. <i>Journal of Electroanalytical Chemistry</i> , 2011, 651, 243-249.	3.8	72
80	Application of a modified graphene nanosheet paste electrode for voltammetric determination of methyl dopa in urine and pharmaceutical formulation. <i>Journal of Analytical Science and Technology</i> , 2014, 5, .	2.1	72
81	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. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1701-1707.	2.5	69
82	Voltammetric determination of 6-thioguanine and folic acid using a carbon paste electrode modified with ZnO-CuO nanoplates and modifier. <i>Materials Science and Engineering C</i> , 2016, 69, 128-133.	7.3	68
83	Amplified electrochemical sensor employing screen-printed electrode modified with Ni-ZIF-67 nanocomposite for high sensitive analysis of Sudan I in present bisphenol A. <i>Food and Chemical Toxicology</i> , 2022, 161, 112824.	3.6	68
84	Electrochemical platform for simultaneous determination of levodopa, acetaminophen and tyrosine using a graphene and ferrocene modified carbon paste electrode. <i>Mikrochimica Acta</i> , 2017, 184, 3281-3289.	5.0	67
85	The first electrochemical sensor for determination of mangiferin based on an ionic liquid-graphene nanosheets paste electrode. <i>Ionics</i> , 2014, 20, 1155-1161.	2.4	63
86	A magnetic core-shell Fe ₃ O ₄ @SiO ₂ /MWCNT nanocomposite modified carbon paste electrode for amplified electrochemical sensing of amlodipine and hydrochlorothiazide. <i>Analytical Methods</i> , 2016, 8, 6185-6193.	2.7	63
87	Simultaneous and selective electrochemical sensing of methotrexate and folic acid in biological fluids and pharmaceutical samples using Fe ₃ O ₄ /ppy/Pd nanocomposite modified screen printed graphite electrode. <i>Chemosphere</i> , 2022, 291, 132736.	8.2	63
88	Co-detection of carmoisine and tartrazine by carbon paste electrode modified with ionic liquid and MoO ₃ /WO ₃ nanocomposite. <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 722-730.	3.2	61
89	Mangiferin DNA biosensor using double-stranded DNA modified pencil graphite electrode based on guanine and adenine signals. <i>Journal of Electroanalytical Chemistry</i> , 2014, 720-721, 134-138.	3.8	60
90	Ag nanoparticles decorated Fe ₃ O ₄ /chitosan nanocomposite: synthesis, characterization and application toward electrochemical sensing of hydrogen peroxide. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1015-1022.	2.2	59

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91	Recent developments in electrochemical sensors for detecting hydrazine with different modified electrodes. <i>RSC Advances</i> , 2020, 10, 30481-30498.	3.6	55
92	Simultaneous determination of cysteamine and folic acid in pharmaceutical and biological samples using modified multiwall carbon nanotube paste electrode. <i>Chinese Chemical Letters</i> , 2012, 23, 237-240.	9.0	53
93	Construction of a nanostructure-based electrochemical sensor for voltammetric determination of bisphenol A. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 257.	2.7	51
94	Electrochemical determination of hydrochlorothiazide and folic acid in real samples using a modified graphene oxide sheet paste electrode. <i>Materials Science and Engineering C</i> , 2015, 52, 297-305.	7.3	50
95	Recent Advances in Electrochemical Sensors and Biosensors for Detecting Bisphenol A. <i>Sensors</i> , 2020, 20, 3364.	3.8	50
96	Electrochemical Sensor Based on ZnFe ₂ O ₄ /RGO Nanocomposite for Ultrasensitive Detection of Hydrazine in Real Samples. <i>Nanomaterials</i> , 2022, 12, 491.	4.1	49
97	Voltammetric determination of hydroxylamine in water samples using a 1-benzyl-4-ferrocenyl-1H-[1,2,3]-triazole/carbon nanotube-modified glassy carbon electrode. <i>Ionics</i> , 2014, 20, 571-579.	2.4	48
98	Hierarchical nanostructures of MgCo ₂ O ₄ on reduced graphene oxide as a high-performance catalyst for methanol electro-oxidation. <i>Ceramics International</i> , 2021, 47, 16079-16085.	4.8	48
99	A new strategy for determination of hydroxylamine and phenol in water and waste water samples using modified nanosensor. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6584-6593.	5.3	45
100	Amperometric immunosensor for prolactin hormone measurement using antibodies loaded on a nano-Au monolayer modified ionic liquid carbon paste electrode. <i>Talanta</i> , 2018, 188, 701-707.	5.5	43
101	Application of a 1-benzyl-4-ferrocenyl-1H-[1,2,3]-triazole/carbon nanotube modified glassy carbon electrode for voltammetric determination of hydrazine in water samples. <i>Applied Organometallic Chemistry</i> , 2013, 27, 444-450.	3.5	42
102	Simultaneous detection of carmoisine and tartrazine in food samples using GO-Fe ₃ O ₄ -PAMAM and ionic liquid based electrochemical sensor. <i>Food and Chemical Toxicology</i> , 2022, 162, 112864.	3.6	42
103	Nanostructure-based electrochemical sensor for the voltammetric determination of benserazide, uric acid, and folic acid. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1869-1875.	14.0	41
104	Simultaneous and selective voltammetric determination of epinephrine, acetaminophen and folic acid at a ZrO ₂ nanoparticles modified carbon paste electrode. <i>Analytical Methods</i> , 2011, 3, 673.	2.7	40
105	Electrochemical determination of hydrazine using a ZrO ₂ nanoparticles-modified carbon paste electrode. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 122.	2.7	40
106	A Novel Strategy for Simultaneous Determination of Dopamine and Uric Acid Using a Carbon Paste Electrode Modified with CdTe Quantum Dots. <i>Electroanalysis</i> , 2015, 27, 524-533.	2.9	39
107	Screen-Printed Electrode Surface Modification with NiCo ₂ O ₄ /RGO Nanocomposite for Hydroxylamine Detection. <i>Nanomaterials</i> , 2021, 11, 3208.	4.1	39
108	Fabrication of novel TiO ₂ nanoparticles/Mn(III) salen doped carbon paste electrode: application as electrochemical sensor for the determination of hydrazine in the presence of phenol. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 407.	2.7	37

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109	Voltammetric Determination of Isoniazid in the Presence of Acetaminophen Utilizing MoS ₂ -Nanosheet-Modified Screen-Printed Electrode. <i>Micromachines</i> , 2022, 13, 369.	2.9	37
110	GO/Fe ₃ O ₄ @SiO ₂ core-shell nanocomposite-modified graphite screen-printed electrode for sensitive and selective electrochemical sensing of dopamine and uric acid. <i>Analytical Methods</i> , 2017, 9, 5541-5549.	2.7	36
111	Voltammetric determination of droxidopa in the presence of carbidopa using a nanostructured base electrochemical sensor. <i>Russian Journal of Electrochemistry</i> , 2017, 53, 452-460.	0.9	35
112	Electrochemical Detection of Hydrazine by Carbon Paste Electrode Modified with Ferrocene Derivatives, Ionic Liquid, and CoS ₂ -Carbon Nanotube Nanocomposite. <i>ACS Omega</i> , 2021, 6, 4641-4648.	3.5	35
113	Electro-oxidation of hydrazine on NiFe ₂ O ₄ -rGO as a high-performance nano-electrocatalyst in alkaline media. <i>Materials Chemistry and Physics</i> , 2022, 275, 125313.	4.0	35
114	A label-free aptasensor for highly sensitive detection of homocysteine based on gold nanoparticles. <i>Bioelectrochemistry</i> , 2020, 134, 107497.	4.6	34
115	Electrochemical sensor for simultaneous detection of dopamine and uric acid based on a carbon paste electrode modified with nanostructured Cu-based metal-organic frameworks. <i>Microchemical Journal</i> , 2022, 177, 107261.	4.5	34
116	Nanomolar concentrations determination of hydrazine by a modified carbon paste electrode incorporating TiO ₂ nanoparticles. <i>Nanoscale</i> , 2011, 3, 1683.	5.6	33
117	Electrochemical determination of vitamin C in the presence of uric acid by a novel TiO ₂ nanoparticles modified carbon paste electrode. <i>Chinese Chemical Letters</i> , 2010, 21, 1471-1474.	9.0	32
118	Recent developments in voltammetric and amperometric sensors for cysteine detection. <i>RSC Advances</i> , 2021, 11, 5411-5425.	3.6	32
119	p-Chloranil modified carbon nanotubes paste electrode as a voltammetric sensor for the simultaneous determination of methyl dopa and uric acid. <i>Analytical Methods</i> , 2012, 4, 2088.	2.7	31
120	New voltammetric strategy for simultaneous determination of norepinephrine, acetaminophen, and folic acid using a 5-amino-3,4-dimethoxy-biphenyl-2-ol/carbon nanotube paste electrode. <i>Ionics</i> , 2012, 18, 703-710.	2.4	31
121	Screen-Printed Electrode Modified with La ³⁺ -Doped Co ₃ O ₄ Nanocubes for Electrochemical Determination of Hydroxylamine. <i>Journal of the Electrochemical Society</i> , 2019, 166, B402-B406.	2.9	31
122	Rapid sol gel synthesis of BaFe ₁₂ O ₁₉ nanoparticles: An excellent catalytic application in the electrochemical detection of tramadol in the presence of acetaminophen. <i>Microchemical Journal</i> , 2020, 156, 104803.	4.5	31
123	Glutathione detection at carbon paste electrode modified with ethyl 2-(4-Ferrocenyl-[1,2,3]Triazol-1-yl)acetate, ZnFe ₂ O ₄ nanoparticles and ionic liquid. <i>Journal of Electrochemical Science and Engineering</i> , 2022, 12, 209-217.	3.5	31
124	Hydrothermal synthesis of CuFe ₂ O ₄ nanoparticles for highly sensitive electrochemical detection of sunset yellow. <i>Food and Chemical Toxicology</i> , 2022, 165, 113048.	3.6	31
125	Electrochemical immunosensor for the detection of anti-thyroid peroxidase antibody by gold nanoparticles and ionic liquid-modified carbon paste electrode. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 581-588.	9.1	31
126	Voltammetric determination of dopamine in the presence of tyrosine using graphite screen-printed electrode modified with graphene quantum dots. <i>Ionics</i> , 2018, 24, 4023-4031.	2.4	30

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