List of Publications by Year in descending order

193 papers	10,923 citations	22099 59 h-index	40881 93 g-index
193 all docs	193 docs citations	193 times ranked	10206 citing authors

#	Article	IF	Citations
1	Graphdiyne nanosheet as a novel sensing platform for self-enhanced electrochemiluminescence of MOF enriched ruthenium (II) in the presence of dual co-reactants for detection of tumor marker. Biosensors and Bioelectronics, 2022, 195, 113657.	5.3	33
2	A Chelation-enhanced Fluorescence Assay using Thiourea Capped Carbonaceous Fluorescent Nanoparticles for As (III) Detection in Water Samples. Journal of Fluorescence, 2022, 32, 145-153.	1.3	3
3	Development of three-dimensional semi-solid hydrogel matrices for ratiometric fluorescence sensing of Amyloid Î² peptide and imaging in SH-SY5 cells: Improvement of point of care diagnosis of Alzheimer's disease biomarker. Biosensors and Bioelectronics, 2022, 199, 113895.	5.3	17
4	Carbon dots hybrid for dual fluorescent detection of microRNA-21 integrated bioimaging of MCF-7 using a microfluidic platform. Journal of Nanobiotechnology, 2022, 20, 73.	4.2	25
5	Ratiometric fluorescence resonance energy transfer aptasensor for highly sensitive and selective detection of Acinetobacter baumannii bacteria in urine sample using carbon dots as optical nanoprobes. Talanta, 2021, 221, 121619.	2.9	34
6	A 3D hydrogel based on chitosan and carbon dots for sensitive fluorescence detection of microRNA-21 in breast cancer cells. Talanta, 2021, 224, 121895.	2.9	56
7	Multienzymes activity of metals and metal oxide nanomaterials: applications from biotechnology to medicine and environmental engineering. Journal of Nanobiotechnology, 2021, 19, 26.	4.2	62
8	Bipolar electrochemistry as a powerful technique for rapid synthesis of ultrathin graphdiyne nanosheets: Improvement of photoelectrocatalytic activity toward both hydrogen and oxygen evolution. International Journal of Hydrogen Energy, 2021, 46, 12906-12914.	3.8	13
9	Ultrasensitive molecularly imprinted fluorescence sensor for simultaneous determination of CA125 and CA15â€“3 in human serum and OVCAR-3 and MCF-7 cells lines using Cd and Ni nanoclusters as new emitters. Analytical and Bioanalytical Chemistry, 2021, 413, 4049-4061.	1.9	14
10	CuO/Cu-MOF nanocomposite for highly sensitive detection of nitric oxide released from living cells using an electrochemical microfluidic device. Mikrochimica Acta, 2021, 188, 240.	2.5	24
11	Hierarchical Co(OH)2/FeOOH/WO3 ternary nanoflowers as a dual-function enzyme with pH-switchable peroxidase and catalase mimic activities for cancer cell detection and enhanced photodynamic therapy. Chemical Engineering Journal, 2021, 417, 129134.	6.6	37
12	Ultrasensitive fluorescence immunosensor based on mesoporous silica and magnetic nanoparticles: Capture and release strategy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 257, 119749.	2.0	5
13	Construction of a ternary nano-architecture based graphene oxide sheets, toward electrocatalytic determination of tumor-associated anti-p53 autoantibodies in human serum. Talanta, 2021, 230, 122276.	2.9	9
14	Graphdiyne/graphene quantum dots for development of FRET ratiometric fluorescent assay toward sensitive detection of miRNA in human serum and bioimaging of living cancer cells. Journal of Luminescence, 2021, 239, 118371.	1.5	18
15	Polymer nanocomposite film for dual colorimetric and fluorescent ascorbic acid detection integrated single-cell bioimaging with droplet microfluidic platform. Dyes and Pigments, 2020, 173, 107875.	2.0	19
16	A strategy for visual optical determination of glucose based on a smartphone device using fluorescent boron-doped carbon nanoparticles as a light-up probe. Mikrochimica Acta, 2020, 187, 14.	2.5	22
17	A self-enhanced ECL-RET immunosensor for the detection of CA19-9 antigen based on Ru(bpy)2(phen-NH2)2+ - Amine-rich nitrogen-doped carbon nanodots as probe and graphene oxide grafted hyperbranched aromatic polyamide as platform. Analytica Chimica Acta, 2020, 1132, 55-65.	2.6	33
18	Immunoreaction-triggered diagnostic device using reduced graphene oxide/CuO NPs/chitosan ternary nanocomposite, toward enhanced electrochemical detection of albumin. Journal of Electroanalytical Chemistry, 2020, 877, 114642.	1.9	17

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19	Intrinsic Enzyme-like Activities of Cerium Oxide Nanocomposite and Its Application for Extracellular H₂O₂ Detection Using an Electrochemical Microfluidic Device. ACS Omega, 2020, 5, 11883-11894.	1.6	53
20	CuO nanorods as a laccase mimicking enzyme for highly sensitive colorimetric and electrochemical dual biosensor: Application in living cell epinephrine analysis. Colloids and Surfaces B: Biointerfaces, 2020, 195, 111228.	2.5	41
21	Transport Properties of a Molybdenum Disulfide and Carbon Dot Nanohybrid Transistor and Its Applications as a Hg²⁺ Aptasensor. ACS Applied Electronic Materials, 2020, 2, 635-645.	2.0	22
22	An eco-friendly MIP-solid surface fluorescence immunosensor for detection of CA 19-9 tumor marker using Ni nanocluster as an emitter labels. Journal of the Iranian Chemical Society, 2020, 17, 2283-2291.	1.2	11
23	Electrochemical atomic layer deposition of cadmium telluride for Pt decoration: Application as novel photoelectrocatalyst for hydrogen evolution reaction. Electrochimica Acta, 2019, 321, 134651.	2.6	4
24	Enzyme-based electrochemical biosensors. , 2019, , 167-211.		9
25	Highly sensitive bioaffinity electrochemiluminescence sensors: Recent advances and future directions. Biosensors and Bioelectronics, 2019, 142, 111530.	5.3	137
26	Polymer dots as a novel probe for fluorescence sensing of dopamine and imaging in single living cell using droplet microfluidic platform. Analytica Chimica Acta, 2019, 1091, 40-49.	2.6	34
27	A Novel Immunosensing Method Based on the Capture and Enzymatic Release of Sandwich-Type Covalently Conjugated Thionineâ€“Gold Nanoparticles as a New Fluorescence Label Used for Ultrasensitive Detection of Hepatitis B Virus Surface Antigen. ACS Omega, 2019, 4, 15323-15336.	1.6	12
28	Ratiometric enhanced fluorometric determination and imaging of intracellular microRNA-155 by using carbon dots, gold nanoparticles and rhodamine B for signal amplification. Mikrochimica Acta, 2019, 186, 469.	2.5	12
29	Electrochemical Derivatization of Acetaminophen for Indirect Determination of Eflornithine Using Î²â€CD Modified Glassy Carbon Electrode. Electroanalysis, 2019, 31, 1719-1727.	1.5	6
30	Amine-functionalized graphene as an effective electrochemical platform toward easily miRNA hybridization detection. Measurement: Journal of the International Measurement Confederation, 2019, 143, 191-198.	2.5	27
31	DNA-functionalized dye-loaded carbon dots: ultrabright FRET platform for ratiometric detection of Hg(II) in serum samples and cell microenvironment. Ionics, 2019, 25, 4469-4479.	1.2	11
32	Dual-emission carbon dots as biocompatible nanocarrier for in vitro/in vivo cell microenvironment ratiometric pH sensing in broad range. Journal of the Iranian Chemical Society, 2019, 16, 2081-2092.	1.2	9
33	Functionalized fluorescent carbon nanostructures for targeted imaging of cancer cells:Âa review. Mikrochimica Acta, 2019, 186, 231.	2.5	81
34	Current advances of carbon dots based biosensors for tumor marker detection, cancer cells analysis and bioimaging. TrAC - Trends in Analytical Chemistry, 2019, 115, 83-99.	5.8	110
35	CuO/WO3 nanoparticles decorated graphene oxide nanosheets with enhanced peroxidase-like activity for electrochemical cancer cell detection and targeted therapeutics. Materials Science and Engineering C, 2019, 99, 1374-1383.	3.8	53
36	Mimicking peroxidase-like activity of Co3O4-CeO2 nanosheets integrated paper-based analytical devices for detection of glucose with smartphone. Sensors and Actuators B: Chemical, 2019, 288, 44-52.	4.0	79

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37	FAD-based glucose dehydrogenase immobilized on thionine/AuNPs frameworks grafted on amino-CNTs: Development of high power glucose biofuel cell and biosensor. Journal of Electroanalytical Chemistry, 2018, 815, 105-113.	1.9	36
38	Specific anion effects on copper surface through electrochemical treatment: Enhanced photoelectrochemical CO2 reduction activity of derived nanostructures induced by chaotropic anions. Applied Surface Science, 2018, 440, 897-906.	3.1	7
39	Nickel-cysteine nanoparticles: Synthesis, characterization and application for direct electron transfer studies. Colloids and Surfaces B: Biointerfaces, 2018, 165, 135-143.	2.5	4
40	Nickel nanoclusters as a novel emitter for molecularly imprinted electrochemiluminescence based sensor toward nanomolar detection of creatinine. Biosensors and Bioelectronics, 2018, 107, 272-279.	5.3	60
41	An ultrasensitive detection of miRNA-155 in breast cancer via direct hybridization assay using two-dimensional molybdenum disulfide field-effect transistor biosensor. Biosensors and Bioelectronics, 2018, 105, 6-13.	5.3	121
42	Dual Amplified Electrochemical Immunosensor for Hepatitis B Virus Surface Antigen Detection Using Hemin/Gâ€Quadruplex Immobilized onto Fe₃O₄â€AuNPs or (Heminâ€Aminoâ€rGOâ€Au) Nanohybrid. Electroanalysis, 2018, 30, 402-414.	1.5	21
43	Magnetoimmunosensor for simultaneous electrochemical detection of carcinoembryonic antigen and Î±-fetoprotein using multifunctionalized Au nanotags. Journal of Electroanalytical Chemistry, 2018, 811, 8-15.	1.9	35
44	Graphene oxide/CuFe2O4 nanocomposite as a novel scaffold for the immobilization of laccase and its application as a recyclable nanobiocatalyst for the green synthesis of arylsulfonyl benzenediols. Biochemical Engineering Journal, 2018, 133, 1-11.	1.8	51
45	The development of radio frequency magnetron sputtered p-type nickel oxide thin film field-effect transistor device combined with nucleic acid probe for ultrasensitive label-free HIV-1 gene detection. Sensors and Actuators B: Chemical, 2018, 266, 178-186.	4.0	29
46	Ultrasensitive electrochemiluminescence immunoassay for simultaneous determination of CA125 and CA15-3 tumor markers based on PAMAM-sulfanilic acid-Ru(bpy)32+ and PAMAM-CdTe@CdS nanocomposite. Biosensors and Bioelectronics, 2018, 99, 353-360.	5.3	114
47	Ultrasensitive electrochemiluminescence immunosensor for determination of hepatitis B virus surface antigen using CdTe@CdS-PAMAM dendrimer as luminescent labels and Fe3O4 nanoparticles as magnetic beads. Sensors and Actuators B: Chemical, 2018, 254, 551-560.	4.0	52
48	Ultrasensitive flexible FET-type aptasensor for CA 125 cancer marker detection based on carboxylated multiwalled carbon nanotubes immobilized onto reduced graphene oxide film. Analytica Chimica Acta, 2018, 1000, 273-282.	2.6	119
49	Switchable electrochemiluminescence aptasensor coupled with resonance energy transfer for selective attomolar detection of Hg2+ via CdTe@CdS/dendrimer probe and Au nanoparticle quencher. Biosensors and Bioelectronics, 2018, 102, 328-335.	5.3	97
50	Ultrasensitive Bioaffinity Electrochemical Sensors: Advances and New Perspectives. Electroanalysis, 2018, 30, 2803-2840.	1.5	21
51	Ni-hemin metalâ€“organic framework with highly efficient peroxidase catalytic activity: toward colorimetric cancer cell detection and targeted therapeutics. Journal of Nanobiotechnology, 2018, 16, 93.	4.2	50
52	Direct Enzymatic Glucose/O2 Biofuel Cell based on Poly-Thiophene Carboxylic Acid alongside Gold Nanostructures Substrates Derived through Bipolar Electrochemistry. Scientific Reports, 2018, 8, 15103.	1.6	15
53	Simultaneous biosensing of CA125 and CA15-3 tumor markers and imaging of OVCAR-3 and MCF-7 cells lines via bi-color FRET phenomenon using dual blue-green luminescent carbon dots with single excitation wavelength. International Journal of Biological Macromolecules, 2018, 118, 617-628.	3.6	35
54	Mimicking peroxidase activity of Co2(OH)2CO3-CeO2 nanocomposite for smartphone based detection of tumor marker using paper-based microfluidic immunodevice. Talanta, 2018, 189, 100-110.	2.9	66

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55	Fluorometric determination of microRNA-155 in cancer cells based on carbon dotsÂandÂMnO2 nanosheets as a donor-acceptor pair. Mikrochimica Acta, 2018, 185, 372.	2.5	38
56	Ultrasensitive and highly selective FRET aptasensor for Hg²⁺ measurement in fish samples using carbon dots/AuNPs as donor/acceptor platform. New Journal of Chemistry, 2018, 42, 16027-16035.	1.4	23
57	Amplified fluorescence resonance energy transfer sensing of prostate specific antigen based on aggregation of CdTe QDs/antibody and aptamer decorated of AuNPs-PAMAM dendrimer. Journal of Luminescence, 2018, 204, 368-374.	1.5	34
58	Solid surface fluorescence immunosensor for ultrasensitive detection of hepatitis B virus surface antigen using PAMAM/CdTe@CdS QDs nanoclusters. Methods and Applications in Fluorescence, 2018, 6, 035013.	1.1	9
59	A molecularly imprinted electrochemiluminescence sensor for ultrasensitive HIV-1 gene detection using EuS nanocrystals as luminophore. Biosensors and Bioelectronics, 2018, 117, 332-339.	5.3	124
60	Light-Driven Photocatalytic Hydrogen Evolution on Spindle-like MoS_x Nanostructures Grown on Poly-Salicylic Acid Synthesized through Bipolar Electrochemistry. ACS Sustainable Chemistry and Engineering, 2018, 6, 9784-9792.	3.2	12
61	A FRET immunosensor for sensitive detection of CA 15-3 tumor marker in human serum sample and breast cancer cells using antibody functionalized luminescent carbon-dots and AuNPs-dendrimer aptamer as donor-acceptor pair. Analytical Biochemistry, 2018, 557, 18-26.	1.1	86
62	Experimental and theoretical studies on electrocatalytic oxidation of arsenic (III) and iron (II) using chlorpromazine: Electrochemical and mechanistic study by digital simulation in liquid phase. Journal of Molecular Liquids, 2017, 233, 100-105.	2.3	5
63	A highly sensitive electrochemical immunosensor for hepatitis B virus surface antigen detection based on Hemin/G-quadruplex horseradish peroxidase-mimicking DNAzyme-signal amplification. Biosensors and Bioelectronics, 2017, 94, 184-192.	5.3	91
64	An amplified comparative fluorescence resonance energy transfer immunosensing of CA125 tumor marker and ovarian cancer cells using green and economic carbon dots for bio-applications in labeling, imaging and sensing. Biosensors and Bioelectronics, 2017, 96, 308-316.	5.3	169
65	Facile Synthesis of Ultraâ€wide Two Dimensional Bi₂S₃ Nanosheets: Characterizations, Properties and Applications in Hydrogen Peroxide Sensing and Hydrogen Storage. Electroanalysis, 2017, 29, 2027-2035.	1.5	15
66	Sulfur doped-copper oxide nanoclusters synthesized through a facile electroplating process assisted by thiourea for selective photoelectrocatalytic reduction of CO2. Journal of Colloid and Interface Science, 2017, 505, 241-252.	5.0	23
67	Zeptomolar detection of Hg 2+ based on label-free electrochemical aptasensor: One step closer to the dream of single atom detection. Electrochemistry Communications, 2017, 78, 21-25.	2.3	28
68	Immobilization of glucose oxidase onto a novel platform based on modified TiO2 and graphene oxide, direct electrochemistry, catalytic and photocatalytic activity. Materials Science and Engineering C, 2017, 73, 417-424.	3.8	32
69	Guanine/Ionic Liquid Derived Ordered Mesoporous Carbon Decorated with AuNPs as Efficient NADH Biosensor and Suitable Platform for Enzymes Immobilization and Biofuel Cell Design. Electroanalysis, 2017, 29, 2646-2655.	1.5	12
70	Hemin/G-Quadruplex Horseradish Peroxidase-Mimicking DNAzyme: Principle and Biosensing Application. Advances in Biochemical Engineering/Biotechnology, 2017, 170, 85-106.	0.6	18
71	Potential-resolved electrochemiluminescence immunoassay for simultaneous determination of CEA and AFP tumor markers using dendritic nanoclusters and Fe3O4@SiO2 nanoparticles. Mikrochimica Acta, 2017, 184, 3613-3623.	2.5	30
72	Amplified fluorescent sensing of DNA using luminescent carbon dots and AuNPs/GO as a sensing platform: A novel coupling of FRET and DNA hybridization for homogeneous HIV-1 gene detection at femtomolar level. Biosensors and Bioelectronics, 2017, 89, 773-780.	5.3	120

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73	Development of a New Labelâ€free, Indicatorâ€free Strategy toward Ultrasensitive Electrochemical DNA Biosensing Based on Fe₃O₄ Nanoparticles/Reduced Graphene Oxide Composite. Electroanalysis, 2017, 29, 409-414.	1.5	32
74	Label-free attomolar detection of lactate based on radio frequency sputtered of nickel oxide thin film field effect transistor. Biosensors and Bioelectronics, 2017, 92, 733-740.	5.3	24
75	Manganese Oxide Nanoparticles/Reduced Graphene Oxide as Novel Electrochemical Platform for Immobilization of FAD and its Application as Highly Sensitive Persulfate Sensor. Electroanalysis, 2016, 28, 493-502.	1.5	5
76	Highly sensitive and ultra-selective amperometric nitrite sensor using cyclometalated Rh(III)-complex/CNTs modified glassy carbon electrode integrated with flow injection analysis. Sensors and Actuators B: Chemical, 2016, 233, 107-119.	4.0	22
77	Photoelectrocatalytic enzymeless detection of glucose at reduced graphene oxide/CdS nanocomposite decorated with finny ball CoOx nanostructures. Journal of Electroanalytical Chemistry, 2016, 783, 233-241.	1.9	11
78	Anodic platinum dissolution, entrapping by amine functionalized-reduced graphene oxide: a simple approach to derive the uniform distribution of platinum nanoparticles with efficient electrocatalytic activity for durable hydrogen evolution and ethanol oxidation. Electrochimica Acta, 2016, 211, 322-330.	2.6	21
79	Bimetallic Fe 15 Pt 85 nanoparticles as an effective anodic electrocatalyst for non-enzymatic glucose/oxygen biofuel cell. Electrochimica Acta, 2016, 208, 325-333.	2.6	19
80	One dimensional CdS nanowire@TiO2 nanoparticles core-shell as high performance photocatalyst for fast degradation of dye pollutants under visible and sunlight irradiation. Journal of Colloid and Interface Science, 2016, 479, 43-54.	5.0	72
81	Enhanced visible light driven photoelectrocatalytic oxidation of ethanol at reduced graphene oxide/CdS nanowires decorated with Pt nanoparticles. Catalysis Science and Technology, 2016, 6, 3485-3496.	2.1	36
82	Preparation and characterization of laccases immobilized on magnetic nanoparticles and their application as a recyclable nanobiocatalyst for the aerobic oxidation of alcohols in the presence of TEMPO. RSC Advances, 2016, 6, 26709-26718.	1.7	29
83	Nickel-phendione complex covalently attached onto carbon nanotube/cross linked glucose dehydrogenase as bioanode for glucose/oxygen compartment-less biofuel cell. Journal of Power Sources, 2015, 282, 586-595.	4.0	20
84	Electrochemical Pretreatment of Aminoâ€Carbon Nanotubes on Graphene Support as a Novel Platform for Bilirubin Oxidase with Improved Bioelectrocatalytic Activity towards Oxygen Reduction. Chemistry - A European Journal, 2015, 21, 4949-4953.	1.7	17
85	Graphene-supported pyrene-functionalized amino-carbon nanotube: a novel hybrid architecture of laccase immobilization as effective bioelectrocatalyst for oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 7623-7630.	5.2	36
86	Novel voltammetric and impedimetric sensor for femtomolar determination of lysozyme based on metalâ€“chelate affinity immobilized onto gold nanoparticles. Biosensors and Bioelectronics, 2015, 74, 270-276.	5.3	24
87	Ultrasensitive electrochemical immunosensor for PSA biomarker detection in prostate cancer cells using gold nanoparticles/PAMAM dendrimer loaded with enzyme linked aptamer as integrated triple signal amplification strategy. Biosensors and Bioelectronics, 2015, 74, 915-923.	5.3	210
88	Efficient amine functionalization of graphene oxide through the Bucherer reaction: an extraordinary metal-free electrocatalyst for the oxygen reduction reaction. RSC Advances, 2015, 5, 59874-59880.	1.7	124
89	High performance glucose/O2 compartment-less biofuel cell using DNA/CNTs as platform for immobilizing bilirubin oxidase as novel biocathode and integrated NH2-CNTs/dendrimer/glucose dehydrogenase/nile blue as bioanode. Electrochimica Acta, 2015, 185, 90-100.	2.6	22
90	Manganese oxide nanoflakes/multi-walled carbon nanotubes/chitosan nanocomposite modified glassy carbon electrode as a novel electrochemical sensor for chromium (III) detection. Electrochimica Acta, 2015, 156, 207-215.	2.6	76

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91	Facile one-pot synthesis of platinum nanoparticles decorated nitrogen-graphene with high electrocatalytic performance for oxygen reduction and anodic fuels oxidation. Journal of Power Sources, 2015, 277, 268-276.	4.0	29
92	Electrochemical and Photoelectrochemical Sensing of Dihydronicotinamide Adenine Dinucleotide and Glucose Based on Noncovalently Functionalized Reduced Graphene Oxideâ€Cadmium Sulfide Quantum Dots/Polyâ€Nile Blue Nanocomposite. Electroanalysis, 2014, 26, 1782-1793.	1.5	34
93	A High Performance Electrochemical Biosensing Platform for Glucose Detection and IgE Aptasensing Based on Fe₃O₄/Reduced Graphene Oxide Nanocomposite. Electroanalysis, 2014, 26, 129-138.	1.5	17
94	A highly sensitive prostate-specific antigen immunosensor based on gold nanoparticles/PAMAM dendrimer loaded on MWCNTS/chitosan/ionic liquid nanocomposite. Biosensors and Bioelectronics, 2014, 52, 20-28.	5.3	188
95	Highly selective and sensitive adenosine aptasensor based on platinum nanoparticles as catalytical label for amplified detection of biorecognition events through H2O2 reduction. Biosensors and Bioelectronics, 2014, 53, 355-362.	5.3	62
96	Au nanoparticles/PAMAM dendrimer functionalized wired ethyleneamineâ€“viologen as highly efficient interface for ultra-sensitive Î±-fetoprotein electrochemical immunosensor. Biosensors and Bioelectronics, 2014, 59, 389-396.	5.3	108
97	Electrochemical and Photoelectrochemical Sensing of NADH and Ethanol Based on Immobilization of Electrogenerated Chlorpromazine Sulfoxide onto Grapheneâ€CdS Quantum Dot/Ionic Liquid Nanocomposite. Electroanalysis, 2014, 26, 530-540.	1.5	27
98	Direct electron transfer and electrocatalytic properties of immobilized hemoglobin onto glassy carbon electrode modified with ionic-liquid/titanium-nitride nanoparticles: Application to nitrite detection. Sensors and Actuators B: Chemical, 2014, 191, 625-633.	4.0	31
99	One-pot hydrothermal synthesis of zirconium dioxide nanoparticles decorated reduced graphene oxide composite as high performance electrochemical sensing and biosensing platform. Electrochimica Acta, 2014, 143, 196-206.	2.6	72
100	Highly sensitive electrocatalytic detection of nitrite based on SiC nanoparticles/amine terminated ionic liquid modified glassy carbon electrode integrated with flow injection analysis. Sensors and Actuators B: Chemical, 2014, 205, 136-142.	4.0	44
101	Highly sensitive electrochemical aptasensor for immunoglobulin E detection based on sandwich assay using enzyme-linked aptamer. Analytical Biochemistry, 2014, 466, 89-97.	1.1	44
102	Shape-dependent electron transfer kinetics and catalytic activity of NiO nanoparticles immobilized onto DNA modified electrode: Fabrication of highly sensitive enzymeless glucose sensor. Biosensors and Bioelectronics, 2014, 56, 313-319.	5.3	67
103	Fabrication of electrochemical theophylline sensor based on manganese oxide nanoparticles/ionic liquid/chitosan nanocomposite modified glassy carbon electrode. Electrochimica Acta, 2013, 108, 707-716.	2.6	77
104	Fabrication of High performance bioanode based on fruitful association of dendrimer and carbon nanotube used for design O2/glucose membrane-less biofuel cell with improved bilirubine oxidase biocathode. Biosensors and Bioelectronics, 2013, 50, 186-193.	5.3	30
105	Fabrication of an Electrochemical <scp>L</scp>â€Cysteine Sensor Based on Graphene Nanosheets Decorated Manganese Oxide Nanocomposite Modified Glassy Carbon Electrode. Electroanalysis, 2013, 25, 2201-2210.	1.5	39
106	Covalent attachment of thionine onto gold electrode modified with cadmium sulfide nanoparticles: Improvement of electrocatalytic and photelectrocatalytic reduction of hydrogen peroxide. Electrochimica Acta, 2013, 95, 60-70.	2.6	38
107	Amperometric detection of hydrogen peroxide at nano-ruthenium oxide/riboflavin nanocomposite-modified glassy carbon electrodes. Electrochimica Acta, 2013, 113, 134-140.	2.6	38
108	Hydrogen peroxide sensor based on riboflavin immobilized at the nickel oxide nanoparticle-modified glassy carbon electrode. Journal of Applied Electrochemistry, 2013, 43, 1175-1183.	1.5	24

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109	Electrocatalytic activity of nickel oxide nanoparticles as mediatorless system for NADH and ethanol sensing at physiological pH solution. Biosensors and Bioelectronics, 2013, 45, 260-266.	5.3	61
110	Controlling of morphology and electrocatalytic properties of cobalt oxide nanostructures prepared by potentiodynamic deposition method. Applied Surface Science, 2013, 276, 512-520.	3.1	28
111	Highly sensitive immunosensing of prostate-specific antigen based on ionic liquidâ€“carbon nanotubes modified electrode: Application as cancer biomarker for prostatebiopsies. Biosensors and Bioelectronics, 2013, 42, 439-446.	5.3	131
112	Fe3O4 magnetic nanoparticles/reduced graphene oxide nanosheets as a novel electrochemical and bioeletrochemical sensing platform. Biosensors and Bioelectronics, 2013, 49, 1-8.	5.3	479
113	N-hydroxysuccinimide-mediated photoelectrooxidation of aliphatic alcohols based on cadmium telluride nanoparticles decorated graphene nanosheets. Electrochimica Acta, 2013, 105, 230-238.	2.6	19
114	Label-free electrochemical IgE aptasensor based on covalent attachment of aptamer onto multiwalled carbon nanotubes/ionic liquid/chitosan nanocomposite modified electrode. Biosensors and Bioelectronics, 2013, 43, 218-225.	5.3	123
115	Fabrication of a highly sensitive adenosine aptasensor based on covalent attachment of aptamer onto chitosan-carbon nanotubes-ionic liquid nanocomposite. Biosensors and Bioelectronics, 2013, 48, 100-107.	5.3	67
116	Electrocatalytic oxidation of NADH at electrogenerated NAD+ oxidation product immobilized onto multiwalled carbon nanotubes/ionic liquid nanocomposite: Application to ethanol biosensing. Talanta, 2012, 90, 91-98.	2.9	59
117	Layer by layer assembly of catalase and amine-terminated ionic liquid onto titanium nitride nanoparticles modified glassy carbon electrode: Study of direct voltammetry and bioelectrocatalytic activity. Analytica Chimica Acta, 2012, 753, 32-41.	2.6	28
118	Cobalt oxide nanostructure-modified glassy carbon electrode as a highly sensitive flow injection amperometric sensor for the picomolar detection of insulin. Journal of Solid State Electrochemistry, 2012, 16, 1239-1246.	1.2	36
119	Sensitive amperometric detection of omeprazole and pantoperazole at electrodeposited nickel oxide nanoparticles modified glassy carbon electrode. Journal of Solid State Electrochemistry, 2012, 16, 1369-1375.	1.2	23
120	DNA/nickel oxide nanoparticles/osmium(III)-complex modified electrode toward selective oxidation of l-cysteine and simultaneous detection of l-cysteine and homocysteine. Bioelectrochemistry, 2012, 86, 9-21.	2.4	43
121	Graphene nanosheets modified glassy carbon electrode for simultaneous detection of heroine, morphine and noscapine. Biosensors and Bioelectronics, 2012, 31, 205-211.	5.3	116
122	Low potential detection of NADH based on Fe3O4 nanoparticles/multiwalled carbon nanotubes composite: Fabrication of integrated dehydrogenase-based lactate biosensor. Biosensors and Bioelectronics, 2012, 33, 60-68.	5.3	133
123	Nanomolar detection of guanine based on a novel cobalt oxide nanostructure-modified glassy carbon electrode. Analytical Methods, 2011, 3, 911.	1.3	9
124	SiC nanoparticles-modified glassy carbon electrodes for simultaneous determination of purine and pyrimidine DNA bases. Biosensors and Bioelectronics, 2011, 26, 3864-3869.	5.3	59
125	Development of DNA electrochemical biosensor based on immobilization of ssDNA on the surface of nickel oxide nanoparticles modified glassy carbon electrode. Biosensors and Bioelectronics, 2011, 30, 188-196.	5.3	65
126	Direct Voltammetry of Copper, Zincâ€Superoxide Dismutase Immobilized onto Electrodeposited Nickel Oxide Nanoparticles: Fabrication of Amperometric Superoxide Biosensor. Electroanalysis, 2011, 23, 683-691.	1.5	6

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127	Synthesis of Iridium Oxide Nanotubes by Electrodeposition into Polycarbonate Template: Fabrication of Chromium(III) and Arsenic(III) Electrochemical Sensor. Electroanalysis, 2011, 23, 2429-2437.	1.5	33
128	A novel non-enzymatic hydrogen peroxide sensor based on single walled carbon nanotubesâ€“manganese complex modified glassy carbon electrode. Electrochimica Acta, 2011, 56, 3387-3394.	2.6	49
129	Layer by layer assembly of glucose oxidase and thiourea onto glassy carbon electrode: Fabrication of glucose biosensor. Electrochimica Acta, 2011, 56, 6097-6105.	2.6	41
130	Sensitive Superoxide Biosensor Based on Silicon Carbide Nanoparticles. Electroanalysis, 2010, 22, 1599-1606.	1.5	23
131	Carbon Nanotubesâ€ionic Liquid and Chloropromazine Modified Electrode for Determination of NADH and Fabrication of Ethanol Biosensor. Electroanalysis, 2010, 22, 1707-1716.	1.5	43
132	Glucose Biosensor Based on Silicon Nitride Nanoparticles. Electroanalysis, 2010, 22, 2434-2442.	1.5	7
133	Deposition of Î±â€“SiÎœÎ¿12ÎŸ404â^'-[Ru(bipyridine)(terpyridine)Cl]+ multilayer film on single wall carbon nanotube modified glassy carbon electrode: Improvement of the electrochemical properties and chemical stability. Thin Solid Films, 2010, 518, 5304-5310.	0.8	16
134	Highly sensitive and selective amperometric sensors for nanomolar detection of iodate and periodate based on glassy carbon electrode modified with iridium oxide nanoparticles. Analytica Chimica Acta, 2010, 661, 28-34.	2.6	21
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