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List of Publications by Year
in descending order

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Version: 2024-02-01

41 papers	1,472 citations	331670 21 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	2088 citing authors

#	Article	IF	Citations
1	Molybdenum disulfide nanosheets coated multiwalled carbon nanotubes composite for highly sensitive determination of chloramphenicol in food samples milk, honey and powdered milk. Journal of Colloid and Interface Science, 2017, 485, 129-136.	9.4	153
2	Green synthesized gold nanoparticles decorated graphene oxide for sensitive determination of chloramphenicol in milk, powdered milk, honey and eye drops. Journal of Colloid and Interface Science, 2016, 475, 46-56.	9.4	129
3	Glucose biosensor based on glucose oxidase immobilized at gold nanoparticles decorated graphene-carbon nanotubes. Enzyme and Microbial Technology, 2015, 78, 40-45.	3.2	114
4	Highly selective amperometric sensor for the trace level detection of hydrazine at bismuth nanoparticles decorated graphene nanosheets modified electrode. Talanta, 2014, 124, 43-51.	5.5	112
5	Electrodeposition of copper nanoparticles using pectin scaffold at graphene nanosheets for electrochemical sensing of glucose and hydrogen peroxide. Electrochimica Acta, 2015, 176, 804-810.	5.2	101
6	Highly stable and sensitive amperometric sensor for the determination of trace level hydrazine at cross linked pectin stabilized gold nanoparticles decorated graphene nanosheets. Electrochimica Acta, 2014, 135, 260-269.	5.2	85
7	Immobilization of glucose oxidase on graphene and cobalt phthalocyanine composite and its application for the determination of glucose. Enzyme and Microbial Technology, 2014, 66, 60-66.	3.2	62
8	Synthesis and characterization of graphene-cobalt phthalocyanines and graphene-iron phthalocyanine composites and their enzymatic fuel cell application. Renewable Energy, 2015, 74, 867-874.	8.9	56
9	Plasmonic Hot Electron-Mediated Hydrodehalogenation Kinetics on Nanostructured Ag Electrodes. Journal of the American Chemical Society, 2020, 142, 17489-17498.	13.7	49
10	A sensitive and selective enzyme-free amperometric glucose biosensor using a composite from multi-walled carbon nanotubes and cobalt phthalocyanine. RSC Advances, 2015, 5, 26762-26768.	3.6	46
11	Electrodeposition of gold nanoparticles on a pectin scaffold and its electrocatalytic application in the selective determination of dopamine. RSC Advances, 2014, 4, 55900-55907.	3.6	39
12	Highly selective determination of cysteine using a composite prepared from multiwalled carbon nanotubes and gold nanoparticles stabilized with calcium crosslinked pectin. Mikrochimica Acta, 2015, 182, 727-735.	5.0	37
13	High-performance electrochemical amperometric sensors for the sensitive determination of phenyl urea herbicides diuron and fenuron. Ionics, 2015, 21, 2675-2683.	2.4	35
14	Femtomolar detection of mercuric ions using polypyrrole, pectin and graphene nanocomposites modified electrode. Journal of Colloid and Interface Science, 2016, 483, 268-274.	9.4	35
15	Electropolymerization of cobalt tetraamino-phthalocyanine at reduced graphene oxide for electrochemical determination of cysteine and hydrazine. RSC Advances, 2016, 6, 38463-38469.	3.6	33
16	Simple electrochemical growth of copper nanoparticles decorated silver nanoleaves for the sensitive determination of hydrogen peroxide in clinical lens cleaning solutions. Sensors and Actuators B: Chemical, 2017, 252, 862-869.	7.8	27
17	Direct pyrolysis and ultrasound assisted preparation of N, S co-doped graphene/Fe3C nanocomposite as an efficient electrocatalyst for oxygen reduction and oxygen evolution reactions. Ultrasonics Sonochemistry, 2020, 66, 105111.	8.2	27
18	A simple electrochemical platform based on pectin stabilized gold nanoparticles for picomolar detection of biologically toxic amitrole. Analyst, The, 2015, 140, 5764-5771.	3.5	24

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19	A New Route for the Enzymeless Trace Level Detection of Creatinine Based on Reduced Graphene Oxide/Silver Nanocomposite Biosensor. Electroanalysis, 2017, 29, 559-565.	2.9	24
20	Direct Electrochemistry of Glucose Oxidase at Reduced Graphene Oxide and Î²â€Cyclodextrin Composite Modified Electrode and Application for Glucose Biosensing. Electroanalysis, 2015, 27, 2412-2420.	2.9	23
21	Preparation of Co-MOF derived Co(OH)2/multiwalled carbon nanotubes as an efficient bifunctional electro catalyst for hydrazine and hydrogen peroxide detections. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 79-86.	5.3	22
22	Electrochemical Activation of Graphite Nanosheets Decorated with Palladium Nanoparticles for High Performance Amperometric Hydrazine Sensor. Electroanalysis, 2016, 28, 808-816.	2.9	19
23	Copper Nanoparticle and Nitrogen Doped Graphite Oxide Based Biosensor for the Sensitive Determination of Glucose. Nanomaterials, 2018, 8, 429.	4.1	19
24	Adsorption, Chemical Enhancement, and Low-Lying Excited States of p-Methylbenzenethiol on Silver and Gold Nanoparticle Surfaces: A Surface Enhanced Raman Spectroscopy and Density Functional Theory Study. Journal of Physical Chemistry C, 2019, 123, 23026-23036.	3.1	19
25	Electrochemical Synthesis of Î²â€Cyclodextrin Functionalized Silver Nanoparticles and Reduced Graphene Oxide Composite for the Determination of Hydrazine. Electroanalysis, 2016, 28, 1970-1976.	2.9	18
26	Electrochemical preparation of biomolecule stabilized copper nanoparticles decorated reduced graphene oxide for the sensitive and selective determination of hydrogen peroxide. Electrochimica Acta, 2016, 191, 55-61.	5.2	18
27	An Amperometric Biological Toxic Hydrazine Sensor Based on Multiwalled Carbon Nanotubes and Iron Tetrasulfonated Phthalocyanine Composite Modified Electrode. Electroanalysis, 2015, 27, 1403-1410.	2.9	17
28	Plasmonic Photoelectrochemical Coupling Reactions of para-Aminobenzoic Acid on Nanostructured Gold Electrodes. Journal of the American Chemical Society, 2022, 144, 3821-3832.	13.7	17
29	Enzymatic glucose biosensor based on bismuth nanoribbons electrochemically deposited onÂreduced graphene oxide. Mikrochimica Acta, 2015, 182, 2165-2172.	5.0	16
30	A Facile Chemical Synthesis of Cu₂O Nanocubes Covered with Co₃O₄ Nanohexagons for the Sensitive Detection of Glucose. Electroanalysis, 2016, 28, 1547-1552.	2.9	16
31	A glassy carbon electrode modified with graphene oxide decorated silver phosphate nanodentrites for amperometric determination of dissolved hydrazine. Mikrochimica Acta, 2017, 184, 2569-2577.	5.0	13
32	Simple preparation of birnessite-type MnO2 nanoflakes with multi-walled carbon nanotubes for the sensitive detection of hydrogen peroxide. Ionics, 2017, 23, 3219-3226.	2.4	12
33	Electrochemical and Plasmonic Photochemical Oxidation Processes of para-Aminothiophenol on a Nanostructured Gold Electrode. Journal of Physical Chemistry C, 2021, 125, 24849-24858.	3.1	9
34	Potentiostatic Electrochemical Preparation of Bismuth Nanoribbons and its Application in Biologically Poisoning Lead and Cadmium Heavy Metal Ions Detection. Electroanalysis, 2015, 27, 2341-2346.	2.9	8
35	Plasmon mediated photoelectrochemical transformations: The example of para-aminothiophenol. Electrochimica Acta, 2021, 367, 137485.	5.2	8
36	Highly Sensitive Hydrazine Sensor Based on Co(OH)₂ Nanoflakes Electrochemically Deposited on MWCNTs. Electroanalysis, 2017, 29, 1088-1094.	2.9	7

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37	Facile Synthesis of Graphene/Cobalt Oxide Nanohexagons for the Selective Detection of Dopamine. Electroanalysis, 2017, 29, 923-928.	2.9	5
38	Characteristics of Honeycomb-Type Oxygen Generator with Electrolyte Based on Doped Bismuth Oxide. Journal of Electronic Materials, 2018, 47, 3639-3646.	2.2	5
39	Simple preparation of gold nanoparticle-decorated copper cross-linked pectin for the sensitive determination of hydrogen peroxide. Ionics, 2019, 25, 309-317.	2.4	5
40	Plasmonic photoelectrochemical dimerization and reduction of p-halo-nitrobenzene on AgNPs@Ag electrode. Electrochimica Acta, 2021, 389, 138695.	5.2	4
41	Plasmonic photoelectrochemical reactions on noble metal electrodes of nanostructures. Current Opinion in Electrochemistry, 2022, 34, 100985.	4.8	4