

Biuck Habibi

List of Publications by Year in descending order

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62
papers

2,418
citations

201674

27
h-index

206112

48
g-index

64
all docs

64
docs citations

64
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of ascorbic acid, dopamine and uric acid by use of a MWCNT modified carbon-ceramic electrode and differential pulse voltammetry. <i>Electrochimica Acta</i> , 2010, 55, 5492-5498.	5.2	172
2	Mimetic Ag nanoparticle/Zn-based MOF nanocomposite (AgNPs@ZnMOF) capped with molecularly imprinted polymer for the selective detection of patulin. <i>Talanta</i> , 2018, 179, 710-718.	5.5	139
3	Differential pulse voltammetric simultaneous determination of acetaminophen and ascorbic acid using single-walled carbon nanotube-modified carbon-ceramic electrode. <i>Analytical Biochemistry</i> , 2011, 411, 167-175.	2.4	125
4	Simultaneous determination of acetaminophen and dopamine using SWCNT modified carbon-ceramic electrode by differential pulse voltammetry. <i>Electrochimica Acta</i> , 2011, 56, 2888-2894.	5.2	120
5	A novel and facile synthesis of carbon quantum dots via salep hydrothermal treatment as the silver nanoparticles support: Application to electroanalytical determination of H ₂ O ₂ in fetal bovine serum. <i>Biosensors and Bioelectronics</i> , 2016, 81, 143-150.	10.1	109
6	Electrocatalytic oxidation of methanol on mono and bimetallic composite films: Pt and Pt-M (M=Ru, Tj ETQq0 0 0 rgBT /Overlock 10 2880-2892.	7.1	99
7	Electrocatalytic oxidation of formic acid and formaldehyde on platinum nanoparticles decorated carbon-ceramic substrate. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 8831-8840.	7.1	84
8	Sensitive biosensing of organophosphate pesticides using enzyme mimics of magnetic ZIF-8. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 118-125.	3.9	84
9	Synthesis and characterization of graphene quantum dots/CoNiAl-layered double-hydroxide nanocomposite: Application as a glucose sensor. <i>Analytical Biochemistry</i> , 2017, 521, 31-39.	2.4	76
10	Electrooxidation of glycerol on nickel and nickel alloy (Ni-Cu and Ni-Co) nanoparticles in alkaline media. <i>RSC Advances</i> , 2016, 6, 31797-31806.	3.6	71
11	Carbon-ceramic supported bimetallic Pt-Ni nanoparticles as an electrocatalyst for oxidation of formic acid. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 9581-9590.	7.1	64
12	Carbon-ceramic supported bimetallic Pt-Ni nanoparticles as an electrocatalyst for electrooxidation of methanol and ethanol in acidic media. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 5425-5434.	7.1	64
13	Silver nanoparticles/multi walled carbon nanotubes nanocomposite modified electrode: Voltammetric determination of clonazepam. <i>Electrochimica Acta</i> , 2014, 118, 10-17.	5.2	64
14	Facile synthesis of Pd nanoparticles on nano carbon supports and their application as an electrocatalyst for oxidation of ethanol in alkaline media: The effect of support. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10833-10846.	7.1	58
15	A novel nonenzymatic hydrogen peroxide sensor based on the synthesized mesoporous carbon and silver nanoparticles nanohybrid. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 919-925.	7.8	57
16	Application of surface molecular imprinted magnetic graphene oxide and high performance mimetic behavior of bi-metal ZnCo MOF for determination of atropine in human serum. <i>Talanta</i> , 2019, 201, 286-294.	5.5	57
17	A Carbon Nanotube Modified Electrode for Determination of Caffeine by Differential Pulse Voltammetry. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1783-1790.	14.0	54
18	Simultaneous determination of codeine and caffeine using single-walled carbon nanotubes modified carbon-ceramic electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 89-95.	5.0	54

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19	Ni ₂ Zn _{0.5} Fe-LDH modified carbon paste electrode as an efficient electrocatalyst for water oxidation in neutral media. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 150-160.	7.1	52
20	Visual detection of peroxide-based explosives using novel mimetic Ag nanoparticle/ZnMOF nanocomposite. <i>Journal of Hazardous Materials</i> , 2018, 360, 233-242.	12.4	49
21	Methanol oxidation on the polymer coated and polymer-stabilized Pt nano-particles: A comparative study of permeability and catalyst particle distribution ability of the PANI and its derivatives. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 9318-9328.	7.1	47
22	Synthesis, characterization and electrocatalytic activity of Co@Pt nanoparticles supported on carbon-ceramic substrate for fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 5115-5125.	7.1	47
23	Electrooxidation of 2-propanol and 2-butanol on the Pt–Ni alloy nanoparticles in acidic media. <i>Electrochimica Acta</i> , 2013, 88, 157-164.	5.2	38
24	Ultrasensitive immunoassay of glycoprotein 125 (CA 125) in untreated human plasma samples using poly (CTAB–chitosan) doped with silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2048-2064.	7.5	36
25	Voltammetric determination of vitamin B6 (Pyridoxine) using multi wall carbon nanotube modified carbon-ceramic electrode. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, S103-S112.	2.2	34
26	Pt–CeO ₂ /reduced graphene oxide nanocomposite for the electrooxidation of formic acid and formaldehyde. <i>RSC Advances</i> , 2015, 5, 73639-73650.	3.6	32
27	A modified single-walled carbon nanotubes/carbon-ceramic electrode for simultaneous voltammetric determination of paracetamol and caffeine. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 511-521.	2.2	31
28	Electrochemical oxidation and nanomolar detection of acetaminophen at a carbon-ceramic electrode modified by carbon nanotubes: a comparison between multi walled and single walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2011, 172, 147-154.	5.0	29
29	NiCo alloy nanoparticles electrodeposited on an electrochemically reduced nitrogen-doped graphene oxide/carbon-ceramic electrode: a low cost electrocatalyst towards methanol and ethanol oxidation. <i>RSC Advances</i> , 2019, 9, 34050-34064.	3.6	29
30	Voltammetric and amperometric determination of hydrogen peroxide using a carbon-ceramic electrode modified with a nanohybrid composite made from single-walled carbon nanotubes and silver nanoparticles. <i>Mikrochimica Acta</i> , 2012, 177, 185-193.	5.0	27
31	Reduced graphene oxide supported bimetallic Ni–Co nanoparticles composite as an electrocatalyst for oxidation of methanol. <i>Solid State Sciences</i> , 2019, 98, 106022.	3.2	24
32	Palladium nanoparticles/nanostructured carbon black composite on carbon–ceramic electrode as an electrocatalyst for formic acid fuel cells. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 58, 245-251.	5.3	23
33	The NiGa-LDH@NiWO ₄ nanocomposite as an electrode material for pseudocapacitors. <i>New Journal of Chemistry</i> , 2018, 42, 18426-18436.	2.8	23
34	Ni–Al/layered double hydroxide/Ag nanoparticle composite modified carbon-paste electrode as a renewable electrode and novel electrochemical sensor for hydrogen peroxide. <i>Analytical Methods</i> , 2017, 9, 1956-1964.	2.7	22
35	Catalytic oxidation of ethanol by a nanostructured Ni-Co/RGO composite: Electrochemical construction and investigation. <i>Journal of Electroanalytical Chemistry</i> , 2019, 847, 113200.	3.8	21
36	Ultrasound-assisted synthesis of ternary-component Ni ₃ Al _x Fe _{1-x} -layered double hydroxide nanoparticles for the oxygen evolution reaction in a neutral solution. <i>New Journal of Chemistry</i> , 2018, 42, 13963-13970.	2.8	19

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37	Voltammetric and amperometric determination of uric acid at a carbon-ceramic electrode modified with multi walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2010, 169, 313-320.	5.0	18
38	Aluminum supported palladium nanoparticles: Preparation, characterization and application for formic acid electrooxidation. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 5464-5472.	7.1	18
39	Electrosynthesis, characterization and electrocatalytic properties of Pt-Sn/CCE towards oxidation of formic acid. <i>RSC Advances</i> , 2012, 2, 1609-1617.	3.6	17
40	Sensitive determination of hydrogen peroxide based on a novel nonenzymatic electrochemical sensor: silver nanoparticles decorated on nanodiamonds. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1431-1438.	2.2	17
41	Excellent electro-oxidation of methanol and ethanol in alkaline media: Electrodeposition of the NiMoP metallic nano-particles on/in the ERGO layers/CE. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 27263-27278.	7.1	16
42	Electrosynthesized Ni-Al Layered Double Hydroxide-Pt Nanoparticles as an Inorganic Nanocomposite and Potent Anodic Material for Methanol Electrooxidation in Alkaline Media. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2017, 12, 1.	1.1	16
43	Composite electrodes consisting Pt nano-particles and poly (aminophenols) film on pre-treated aluminum substrate as electrocatalysts for methanol oxidation. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 599-613.	2.5	15
44	Electrodeposition of ternary CuNiPt alloy nanoparticles on graphenized pencil lead electrode as a new electrocatalyst for electro-oxidation of ethanol. <i>Solid State Sciences</i> , 2020, 105, 106239.	3.2	15
45	A glassy carbon electrode modified with carboxylated diamond nanoparticles for differential pulse voltammetric simultaneous determination of guanine and adenine. <i>Mikrochimica Acta</i> , 2016, 183, 2317-2325.	5.0	14
46	Direct electrochemistry of hemoglobin in a renewable mesoporous carbon ceramic electrode: a new kind of hydrogen peroxide biosensor. <i>Mikrochimica Acta</i> , 2015, 182, 957-963.	5.0	13
47	Magnetic molecularly imprinted polymer nanoparticles for dispersive micro solid-phase extraction and determination of buprenorphine in human urine samples by HPLC-FL. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1569-1580.	2.2	12
48	A nickel ion-incorporating zinc-mesoporous metal organic framework thin film nanocomposite modified glassy carbon electrode for electrocatalytic oxidation of methanol in alkaline media. <i>New Journal of Chemistry</i> , 2021, 45, 2597-2608.	2.8	11
49	Electrocatalytic oxidation and determination of hydrazine in alkaline medium through in situ conversion thin film nanostructured modified carbon ceramic electrode. <i>Journal of Electroanalytical Chemistry</i> , 2022, 907, 116038.	3.8	11
50	A sensitive nanocomposite design via carbon nanotube and silver nanoparticles: Selective probing of Emedastine Difumarate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 181, 113096.	2.8	10
51	New ternary-component layered double hydroxide as a low-cost and efficient electrocatalyst for water oxidation: NiCaFe-LDH from eggshell bio-waste. <i>Applied Clay Science</i> , 2020, 188, 105511.	5.2	9
52	LiFePO ₄ /Carbon/Reduced Graphene Oxide Nanostructured Composite as a High Capacity and Fast Rate Cathode Material for Rechargeable Lithium Ion Battery. <i>Catalysis Letters</i> , 2019, 149, 7-18.	2.6	7
53	Electrofabrication of the Ternary NiCuFe Alloy Nanoparticles/ERGO Nanocomposite: Effective Electrooxidation of the Glucose and Glycerol in Alkaline Media. <i>ChemistrySelect</i> , 2020, 5, 7990-8001.	1.5	7
54	Glassy carbon electrode modified with an ordered mesoporous carbon/Ag nanoparticle nanocomposite for the selective detection of iodate. <i>Analytical Methods</i> , 2016, 8, 4406-4412.	2.7	6

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55	Simultaneous Determination of Benzenediols Isomers Using Copper Nanoparticles/Poly (Glycine)/Graphene Oxide Nanosheets Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2020, 167, 167504.	2.9	6
56	Effect of Carbon Support on the Electrocatalytic Performance of the Pt Nanoparticles Toward Oxidation of Formic Acid. <i>Catalysis Letters</i> , 2020, 150, 312-321.	2.6	5
57	A thioridazine hydrochloride electrochemical sensor based on zeolitic imidazolate framework-67-functionalized bio-mobile crystalline material-41 carbon quantum dots. <i>New Journal of Chemistry</i> , 2021, 45, 14739-14750.	2.8	5
58	Hollow fiber supported liquid phase microextraction of Co(II), Fe(III) and Al(III) as their oxinate chelates from water and dried tea leaves followed by HPLC-UV analysis. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1850-1856.	3.2	4
59	Electrochemical preparation of poly 3-amino-5-hydroxypyrazole on copper and its corrosion protection efficiency. <i>Journal of Coatings Technology Research</i> , 2020, 17, 1269-1276.	2.5	4
60	A comparative study of electrocatalytic performance of the M@Pt (M=Fe ₃ O ₄ , Co and Ni) nanoparticles for direct ethanol fuel cells. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1633-1642.	2.2	3
61	Ionic liquid/single-walled carbon nanotubes composite film modified carbon-ceramic electrode as an electrochemical sensor for the simultaneous determination of epinephrine and uric acid. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1510-1520.	1.4	2
62	<i>Aspergillus niger</i> based lipase-tween 80 aggregates as interfacial activated biocatalyst for biodiesel production: Optimization using response surface methodology. <i>Main Group Chemistry</i> , 2022, , 1-17.	0.8	0