

Abdolmajid Bayandori Moghaddam

List of Publications by Year in descending order

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49
papers

815
citations

471509

17
h-index

552781

26
g-index

50
all docs

50
docs citations

50
times ranked

866
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-isothermal pyrolysis of used lubricating oil and the catalytic effect of carbon-based nanomaterials on the process performance. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 1025-1036.	3.6	9
2	Optimized polylactic acid/polyethylene glycol (PLA/PEG) electrospun fibrous scaffold for drug delivery: effect of graphene oxide on the cefixime release mechanism. <i>Materials Research Express</i> , 2019, 6, 115351.	1.6	8
3	Electrochemical Detection of ct-dsDNA on Nanomaterial-modified Carbon Based Electrodes. <i>Current Analytical Chemistry</i> , 2019, 15, 305-312.	1.2	5
4	Physico-chemical properties of hybrid electrospun nanofibers containing polyvinylpyrrolidone (PVP), propolis and aloe vera. <i>Materials Research Express</i> , 2018, 5, 125404.	1.6	10
5	Fabrication of random and aligned-oriented cellulose acetate nanofibers containing betamethasone sodium phosphate: structural and cell biocompatibility evaluations. <i>Journal of Polymer Engineering</i> , 2017, 37, 911-920.	1.4	5
6	Electrodeposited nanoscale zinc oxide particles: facilitating the electron transfer of immobilised protein and biosensing. <i>Micro and Nano Letters</i> , 2017, 12, 425-429.	1.3	2
7	Modified Eu ³⁺ -doped Y ₂ O ₃ nanoparticles as turn-off luminescent probes for the sensitive detection of pyridoxine. <i>Luminescence</i> , 2015, 30, 290-295.	2.9	13
8	Electropolymerized Fluorinated Aniline-Based Fiber for Headspace Solid-Phase Microextraction and Gas Chromatographic Determination of Benzaldehyde in Injectable Pharmaceutical Formulations. <i>Journal of Chromatographic Science</i> , 2014, 52, 971-976.	1.4	4
9	A fluorescent probe for detecting thiamine using the luminescence intensity of nanoparticles. <i>Journal of Fluorescence</i> , 2014, 24, 1025-1030.	2.5	21
10	A lanthanide nanoparticle-based luminescent probe for folic acid. <i>Mikrochimica Acta</i> , 2013, 180, 1257-1262.	5.0	19
11	Electro-oxidation and simultaneous determination of amlodipine and atorvastatin in commercial tablets using carbon nanotube modified electrode. <i>Micro and Nano Letters</i> , 2013, 8, 413-417.	1.3	28
12	Electrochemical quantification of fluoxetine in pharmaceutical formulation using carbon nanoparticles. <i>Micro and Nano Letters</i> , 2013, 8, 853-857.	1.3	16
13	Electrochemical synthesis of novel 1,3-indandione derivatives and evaluation of their antiplatelet aggregation activities. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 91-103.	0.5	9
14	Direct electron transfer of ferritin on electrodeposited nickel oxide cubic nanoparticles. <i>Analytical Methods</i> , 2012, 4, 1024.	2.7	12
15	Y ₂ O ₃ : Eu,Zn nanocrystals as a fluorescent probe for the detection of biotin. <i>Mikrochimica Acta</i> , 2012, 177, 473-478.	5.0	9
16	A norepinephrine biosensor based on a glassy carbon electrode modified with carbon nanotubes. <i>Analytical Methods</i> , 2011, 3, 2406.	2.7	17
17	Application of cobalt oxide nanoparticles as an electron transfer facilitator in direct electron transfer and biocatalytic reactivity of cytochrome c. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 115-121.	2.9	9
18	Direct electron transfer and biocatalytic activity of iron storage protein molecules immobilized on electrodeposited cobalt oxide nanoparticles. <i>Mikrochimica Acta</i> , 2011, 173, 317-322.	5.0	9

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19	EFFECT OF STRONTIUM DOPING ON NANOSTRUCTURE AND CHROMATICITY OF $Y_2O_3:Eu$ COMPOUNDS. International Journal of Modern Physics B, 2011, 25, 2949-2956.	2.0	5
20	The determination of acetaminophen using a carbon nanotube:graphite-based electrode. Mikrochimica Acta, 2010, 171, 377-384.	5.0	31
21	Preparation of the $Al_2O_3/PANI$ nanocomposite via enzymatic polymerization. Polymer Composites, 2009, 30, 841-846.	4.6	19
22	Fabrication and electrochemical behavior of single-walled carbon nanotube/graphite-based electrode. Materials Science and Engineering C, 2009, 29, 187-192.	7.3	14
23	Synthesis of nickel oxides nanoparticles on glassy carbon as an electron transfer facilitator for horseradish peroxidase: Direct electron transfer and H ₂ O ₂ determination. Materials Science and Engineering C, 2009, 29, 1752-1758.	7.3	34
24	Direct electrochemistry of cytochrome c on electrodeposited nickel oxide nanoparticles. Journal of Electroanalytical Chemistry, 2008, 614, 83-92.	3.8	30
25	Electrochemical and scanning electron microscopic studies of the influence of anatase TiO ₂ nanoparticles on the electropolymerization of aniline. Mendeleev Communications, 2008, 18, 90-91.	1.6	2
26	A strategy for the electro-organic synthesis of new hydrocaffeic acid derivatives. Journal of Applied Electrochemistry, 2008, 38, 409-413.	2.9	5
27	Electrodeposition of nickel oxide nanoparticles on glassy carbon surfaces: application to the direct electron transfer of tyrosinase. Journal of Applied Electrochemistry, 2008, 38, 1233-1239.	2.9	25
28	Molecular geometry, vibrations and electrode potentials of 2-(4,5-dihydroxy-2-methylphenyl)-2-phenyl-2H-indene-1,3-dione; experimental and theoretical attempts. Journal of Molecular Modeling, 2008, 14, 325-333.	1.8	8
29	Structural study of 2-(1-oxo-1 H-inden-3-yl)-2H-indene-1,3-dione by DFT calculations, NMR and IR spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 94-98.	3.9	45
30	Experimental and quantum chemical study on the IR, UV and electrode potential of 6-(2,3-dihydro-1,3-dioxo-2-phenyl-1H-inden-2-yl)-2,3-dihydroxybenzaldehyde. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 71, 1390-1396.	3.9	33
31	Myoglobin immobilization on electrodeposited nanometer-scale nickel oxide particles and direct voltammetry. Biophysical Chemistry, 2008, 134, 25-33.	2.8	40
32	Electro-Organic Synthesis of Thioether and Benzofuran Derivatives. Journal of the Electrochemical Society, 2008, 155, E120.	2.9	6
33	Bioelectrocatalysis of Dopamine Using Adsorbed Tyrosinase on Single-Walled Carbon Nanotubes. Analytical Letters, 2008, 41, 3161-3176.	1.8	7
34	Electro-Organic Synthesis and Characterization of New Dihydroxybenzene Dinitrile Derivatives with Fluorescent Properties. Chemical and Pharmaceutical Bulletin, 2008, 56, 749-752.	1.3	0
35	DETERMINATION OF THE OXIDATION POTENTIALS OF PYROGALLOL AND SOME OF ITS DERIVATIVES: THEORY AND EXPERIMENT. Journal of Theoretical and Computational Chemistry, 2007, 06, 331-340.	1.8	41
36	Density-functional Theory on the Oxidation Potentials and Geometry Parameters of Thioxanthen Derivatives: Theory and Experiment. Analytical Letters, 2007, 40, 2574-2588.	1.8	7

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37	Theoretical and experimental report on the determination of oxidation potentials of dihydroxyanthracene and thioxanthenes derivatives. <i>Chemical Physics</i> , 2007, 337, 33-38.	1.9	41
38	A green method on the electro-organic synthesis of new caffeic acid derivatives: Electrochemical properties and LC-ESI-MS analysis of products. <i>Journal of Electroanalytical Chemistry</i> , 2007, 601, 205-210.	3.8	18
39	Use of silver nanoparticles as an electron transfer facilitator in electrochemical ligand-binding of haemoglobin. <i>Journal of Applied Electrochemistry</i> , 2007, 37, 1021-1026.	2.9	19
40	Electrochemical behavior of caffeic acid at single-walled carbon nanotube:graphite-based electrode. <i>Biophysical Chemistry</i> , 2007, 128, 30-37.	2.8	41
41	Fundamental studies of the cytochrome c immobilization by the potential cycling method on nanometer-scale nickel oxide surfaces. <i>Biophysical Chemistry</i> , 2007, 129, 259-268.	2.8	11
42	Electrochemical properties of LiMn ₂ O ₄ cathode material doped with an actinide. <i>Journal of Alloys and Compounds</i> , 2006, 424, 225-230.	5.5	16
43	A Green Method for the Electroorganic Synthesis of New 1,3-Indandione Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 1391-1396.	1.3	17
44	Effects of metal source in metal substitution of lithium manganese oxide spinel. <i>Electrochimica Acta</i> , 2006, 52, 1491-1498.	5.2	14
45	Electrochemical study of 3,4-dihydroxybenzoic acid in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone: Application to electrochemical synthesis of new benzofuran derivative. <i>Journal of Electroanalytical Chemistry</i> , 2006, 586, 161-166.	3.8	15
46	Electrochemical study of catechols in the presence of 4,6-dihydroxy-2-methylpyrimidine. <i>Journal of Electroanalytical Chemistry</i> , 2005, 577, 205-210.	3.8	18
47	Mechanistic study of electrochemical oxidation of catechols in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone. <i>Electrochimica Acta</i> , 2005, 50, 5322-5328.	5.2	16
48	Mechanistic study of electrochemical oxidation of o-dihydroxybenzenes in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone. <i>Electrochimica Acta</i> , 2005, 51, 739-744.	5.2	28
49	Nanomaterial-assisted pyrolysis of used lubricating oil and fuel recovery. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-15.	2.3	4