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List of Publications by Year
in descending order

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49	815	471509	552781
papers	citations	17	26
		h-index	g-index

50	50	50	866
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Theoretical and experimental report on the determination of oxidation potentials of dihydroxyanthracene and thioxanthens derivatives. Chemical Physics, 2007, 337, 33-38.	1.9	41
4	Electrochemical behavior of caffeic acid at single-walled carbon nanotube:graphite-based electrode. Biophysical Chemistry, 2007, 128, 30-37.	2.8	41
5	Myoglobin immobilization on electrodeposited nanometer-scale nickel oxide particles and direct voltammetry. Biophysical Chemistry, 2008, 134, 25-33.	2.8	40
6	Synthesis of nickel oxides nanoparticles on glassy carbon as an electron transfer facilitator for horseradish peroxidase: Direct electron transfer and H2O2 determination. Materials Science and Engineering C, 2009, 29, 1752-1758.	7.3	34
7	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
8	The determination of acetaminophen using a carbon nanotube:graphite-based electrode. Mikrochimica Acta, 2010, 171, 377-384.	5.0	31
9	Direct electrochemistry of cytochrome c on electrodeposited nickel oxide nanoparticles. Journal of Electroanalytical Chemistry, 2008, 614, 83-92.	3.8	30
10	Mechanistic study of electrochemical oxidation of o-dihydroxybenzenes in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone. Electrochimica Acta, 2005, 51, 739-744.	5.2	28
11	Electroâ€oxidation and simultaneous determination of amlodipine and atorvastatin in commercial tablets using carbon nanotube modified electrode. Micro and Nano Letters, 2013, 8, 413-417.	1.3	28
12	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
13	A fluorescent probe for detecting thiamine using the luminescence intensity of nanoparticles. Journal of Fluorescence, 2014, 24, 1025-1030.	2.5	21
14	Use of silver nanoparticles as an electron transfer facilitator in electrochemical ligand-binding of haemoglobin. Journal of Applied Electrochemistry, 2007, 37, 1021-1026.	2.9	19
15	Preparation of the Î³â€Al₂O₃/PANI nanocomposite via enzymatic polymerization. Polymer Composites, 2009, 30, 841-846.	4.6	19
16	A lanthanide nanoparticle-based luminescent probe for folic acid. Mikrochimica Acta, 2013, 180, 1257-1262.	5.0	19
17	Electrochemical study of catechols in the presence of 4,6-dihydroxy-2-methylpyrimidine. Journal of Electroanalytical Chemistry, 2005, 577, 205-210.	3.8	18
18	A green method on the electro-organic synthesis of new caffeic acid derivatives: Electrochemical properties and LCâ€“ESIâ€“MS analysis of products. Journal of Electroanalytical Chemistry, 2007, 601, 205-210.	3.8	18

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19	A Green Method for the Electroorganic Synthesis of New 1,3-Indandione Derivatives. Chemical and Pharmaceutical Bulletin, 2006, 54, 1391-1396.	1.3	17
20	A norepinephrine biosensor based on a glassy carbon electrode modified with carbon nanotubes. Analytical Methods, 2011, 3, 2406.	2.7	17
21	Mechanistic study of electrochemical oxidation of catechols in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone. Electrochimica Acta, 2005, 50, 5322-5328.	5.2	16
22	Electrochemical properties of LiMn2O4 cathode material doped with an actinide. Journal of Alloys and Compounds, 2006, 424, 225-230.	5.5	16
23	Electrochemical quantification of fluoxetine in pharmaceutical formulation using carbon nanoparticles. Micro and Nano Letters, 2013, 8, 853-857.	1.3	16
24	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. Journal of Electroanalytical Chemistry, 2006, 586, 161-166.	3.8	15
25	Effects of metal source in metal substitution of lithium manganese oxide spinel. Electrochimica Acta, 2006, 52, 1491-1498.	5.2	14
26	Fabrication and electrochemical behavior of single-walled carbon nanotube/graphite-based electrode. Materials Science and Engineering C, 2009, 29, 187-192.	7.3	14
27	Modified Euâ€doped Y₂O₃ nanoparticles as turnâ€off luminescent probes for the sensitive detection of pyridoxine. Luminescence, 2015, 30, 290-295.	2.9	13
28	Direct electron transfer of ferritin on electrodeposited nickel oxide cubic nanoparticles. Analytical Methods, 2012, 4, 1024.	2.7	12
29	Fundamental studies of the cytochrome c immobilization by the potential cycling method on nanometer-scale nickel oxide surfaces. Biophysical Chemistry, 2007, 129, 259-268.	2.8	11
30	Physico-chemical properties of hybrid electrospun nanofibers containing polyvinylpyrrolidone (PVP), propolis and aloe vera. Materials Research Express, 2018, 5, 125404.	1.6	10
31	Application of cobalt oxide nanoparticles as an electron transfer facilitator in direct electron transfer and biocatalytic reactivity of cytochrome c. Journal of Applied Electrochemistry, 2011, 41, 115-121.	2.9	9
32	Direct electron transfer and biocatalytic activity of iron storage protein molecules immobilized on electrodeposited cobalt oxide nanoparticles. Mikrochimica Acta, 2011, 173, 317-322.	5.0	9
33	Y2O3: Eu,Zn nanocrystals as a fluorescent probe for the detection of biotin. Mikrochimica Acta, 2012, 177, 473-478.	5.0	9
34	Non-isothermal pyrolysis of used lubricating oil and the catalytic effect of carbon-based nanomaterials on the process performance. Journal of Thermal Analysis and Calorimetry, 2020, 139, 1025-1036.	3.6	9
35	Electrochemical synthesis of novel 1,3-indandione derivatives and evaluation of their antiplatelet aggregation activities. Iranian Journal of Pharmaceutical Research, 2013, 12, 91-103.	0.5	9
36	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

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37	Optimized polylactic acid/polyethylene glycol (PLA/PEG) electrospun fibrous scaffold for drug delivery: effect of graphene oxide on the cefixime release mechanism. Materials Research Express, 2019, 6, 115351.	1.6	8
38	Densityâ€functional Theory on the Oxidation Potentials and Geometry Parameters of Thioxanthen Derivatives: Theory and Experiment. Analytical Letters, 2007, 40, 2574-2588.	1.8	7
39	Bioelectrocatalysis of Dopamine Using Adsorbed Tyrosinase on Single-Walled Carbon Nanotubes. Analytical Letters, 2008, 41, 3161-3176.	1.8	7
40	Electro-Organic Synthesis of Thioether and Benzofuran Derivatives. Journal of the Electrochemical Society, 2008, 155, E120.	2.9	6
41	A strategy for the electro-organic synthesis of new hydrocaffeic acid derivatives. Journal of Applied Electrochemistry, 2008, 38, 409-413.	2.9	5
42	EFFECT OF STRONTIUM DOPING ON NANOSTRUCTURE AND CHROMATICITY OF Y₂O₃:Eu COMPOUNDS. International Journal of Modern Physics B, 2011, 25, 2949-2956.	2.0	5
43	Fabrication of random and aligned-oriented cellulose acetate nanofibers containing betamethasone sodium phosphate: structural and cell biocompatibility evaluations. Journal of Polymer Engineering, 2017, 37, 911-920.	1.4	5
44	Electrochemical Detection of ct-dsDNA on Nanomaterial-modified Carbon Based Electrodes. Current Analytical Chemistry, 2019, 15, 305-312.	1.2	5
45	Electropolymerized Fluorinated Aniline-Based Fiber for Headspace Solid-Phase Microextraction and Gas Chromatographic Determination of Benzaldehyde in Injectable Pharmaceutical Formulations. Journal of Chromatographic Science, 2014, 52, 971-976.	1.4	4
46	Nanomaterial-assisted pyrolysis of used lubricating oil and fuel recovery. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-15.	2.3	4
47	Electrochemical and scanning electron microscopic studies of the influence of anatase TiO2 nanoparticles on the electropolymerization of aniline. Mendeleev Communications, 2008, 18, 90-91.	1.6	2
48	Electrodeposited nanoscale zinc oxide particles: facilitating the electron transfer of immobilised protein and biosensing. Micro and Nano Letters, 2017, 12, 425-429.	1.3	2
49	Electro-Organic Synthesis and Characterization of New Dihydroxybenzene Dinitrile Derivatives with Fluorescent Properties. Chemical and Pharmaceutical Bulletin, 2008, 56, 749-752.	1.3	0