

Mojgan Najafi

List of Publications by Year in descending order

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24
papers

804
citations

623188

14
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of thiol-functionalized silica nano hollow sphere as a novel adsorbent for removal of poisonous heavy metal ions from water: Kinetics, isotherms and error analysis. <i>Chemical Engineering Journal</i> , 2011, 171, 1004-1011.	6.6	180
2	High sensitivity amperometric and voltammetric determination of persulfate with neutral red/nickel oxide nanowires modified carbon paste electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 335-343.	4.0	117
3	Novel surfactant selective electrochemical sensors based on single walled carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2011, 159, 226-229.	2.3	55
4	Effect of electrolytes on surface tension and surface adsorption of 1-hexyl-3-methylimidazolium chloride ionic liquid in aqueous solution. <i>Journal of Chemical Thermodynamics</i> , 2010, 42, 962-966.	1.0	50
5	Electrosynthesis of Polythiophene Nanowires and Their Application for Sensing of Chlorpromazine. <i>Journal of the Electrochemical Society</i> , 2014, 161, B196-B200.	1.3	49
6	Application of the UNIFAC model for prediction of surface tension and thickness of the surface layer in the binary mixtures. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 252-258.	5.0	43
7	Optimization of modified carbon paste electrode with multiwalled carbon nanotube/ionic liquid/cauliflower-like gold nanostructures for simultaneous determination of ascorbic acid, dopamine and uric acid. <i>Materials Science and Engineering C</i> , 2014, 44, 58-68.	3.8	43
8	Ultrasonic/surfactant assisted of CdS nano hollow sphere synthesis and characterization. <i>Materials Characterization</i> , 2011, 62, 94-98.	1.9	37
9	Experimental Data and Correlation of Surface Tensions of the Binary and Ternary Systems of Water + Acetonitrile + 2-Propanol at 298.15 K and Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4039-4043.	1.0	33
10	Determination of Dopamine in the Presence of Uric Acid and Folic Acid by Carbon Paste Electrode Modified with CuO Nanoparticles/Hemoglobin and Multi-Walled Carbon Nanotube. <i>Journal of the Electrochemical Society</i> , 2015, 162, B69-B74.	1.3	28
11	Electrosynthesis of high-density polythiophene nanotube arrays and their application for sensing of riboflavin. <i>Journal of Molecular Liquids</i> , 2014, 199, 150-155.	2.3	26
12	Surface tension of non-ideal binary and ternary liquid mixtures at various temperatures and p=81.5kPa. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 248-254.	1.0	25
13	Fabrication of CoZn alloy nanowire arrays: Significant improvement in magnetic properties by annealing process. <i>Materials Chemistry and Physics</i> , 2012, 131, 728-734.	2.0	24
14	Nanostructured Flower like Pt-Ru for Ethanol Oxidation and Determination. <i>Journal of the Electrochemical Society</i> , 2015, 162, B41-B46.	1.3	16
15	Optical and magneto-optical properties of aligned Ni nanowires embedded in polydimethylsiloxane. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 139-143.	1.0	15
16	Preparation of cobalt nanowires in porous aluminum oxide: Study of the effect of barrier layer. <i>Journal of Materials Research</i> , 2012, 27, 2382-2390.	1.2	14
17	Synthesis and characterization of supported silica nano hollow spheres with CdS quantum dots. <i>Journal of Molecular Liquids</i> , 2012, 174, 124-128.	2.3	14
18	Magneto-plasmonic study of aligned Ni, Co and Ni/Co multilayer in polydimethylsiloxane as magnetic field sensor. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 413-419.	1.0	11

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19	Effect of the pH and electrodeposition frequency on magnetic properties of binary $\text{Co}_{1-x}\text{Sn}_x$ nanowire arrays. <i>Journal of Materials Research</i> , 2014, 29, 190-196.	1.2	9
20	On the Calculation of Liquid-Vapor Interfacial Thickness Using Experimental Surface Tension Data. <i>Journal of Solution Chemistry</i> , 2009, 38, 685-694.	0.6	5
21	Influence of Composition, pH, Annealing Temperature, Wave Form, and Frequency on Structure and Magnetic Properties of Binary $\text{Co}_{1-x}\text{Al}_x$ and Ternary $(\text{Co}_{0.97}\text{Al}_{0.03})_{1-x}\text{Fe}_x$ Nanowire Alloys. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2461-2471.	0.8	5
22	Effect of the Electrodeposition Frequency, Wave Form, and Thermal Annealing on Magnetic Properties of $[\text{Co}_{0.975}\text{Cr}_{0.025}]_{0.99}\text{Cu}_{0.01}$ Nanowire Arrays. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 2821-2827.	0.8	4
23	Fabrication and magnetic properties of ordered $\text{Co}_{100-x}\text{Pb}_x$ nanowire arrays electrodeposited in AAO templates: Effects of annealing temperature and frequency. <i>Journal of Materials Research</i> , 2017, 32, 1177-1183.	1.2	1
24	Role of surface Cooper pair interactions on critical temperature of ultra thin film superconductors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5841-5847.	0.9	0