

Fatemeh Honarasa

List of Publications by Year in descending order

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33
papers

422
citations

758635

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h-index

752256

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33
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docs citations

33
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Design of C-dots/Fe ₃ O ₄ magnetic nanocomposite as an efficient new nanozyme and its application for determination of H ₂ O ₂ in nanomolar level. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 691-696.	4.0	57
2	Ionic Liquids Modify the Performance of Carbon Based Potentiometric Sensors. <i>Electroanalysis</i> , 2007, 19, 582-586.	1.5	54
3	Carbon Dots on V ₂ O ₅ nanowires are a viable peroxidase mimic for colorimetric determination of hydrogen peroxide and glucose. <i>Mikrochimica Acta</i> , 2019, 186, 234.	2.5	34
4	New LSER Model Based on Solvent Empirical Parameters for the Prediction and Description of the Solubility of Buckminsterfullerene in Various Solvents. <i>Journal of Solution Chemistry</i> , 2013, 42, 1620-1632.	0.6	23
5	Quantitative structure-retardation factor relationship of protein amino acids in different solvent mixtures for normal phase thin layer chromatography. <i>Journal of Separation Science</i> , 2015, 38, 1771-1776.	1.3	22
6	Structure-electrochemistry relationship in non-aqueous solutions: Predicting the reduction potential of anthraquinones derivatives in some organic solvents. <i>Journal of Molecular Liquids</i> , 2015, 212, 52-57.	2.3	22
7	Linear solvent structure-polymer solubility and solvation energy relationships to study conductive polymer/carbon nanotube composite solutions. <i>RSC Advances</i> , 2015, 5, 42266-42275.	1.7	18
8	On the Solubility of Ferrocene in Nonaqueous Solvents. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 614-621.	1.0	18
9	Chemometrics assisted resolving of net faradaic current contribution from total current in potential step and staircase cyclic voltammetry. <i>Analytica Chimica Acta</i> , 2013, 766, 34-46.	2.6	16
10	Molecular wires as a new class of binders in carbon composite electrodes. <i>Electrochemistry Communications</i> , 2009, 11, 1113-1115.	2.3	14
11	C-dots/Mn ₃ O ₄ nanocomposite as an oxidase nanozyme for colorimetric determination of ferrous ion. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 507-512.	1.2	14
12	Application of ATR-FTIR spectroscopy and chemometrics for the discrimination of furnace oil, gas oil and mazut oil. <i>Analytical Methods</i> , 2016, 8, 4640-4647.	1.3	13
13	C-dots/Fe ₃ O ₄ magnetic nanocomposite as nanoadsorbent for removal of heavy metal cations. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1199-1205.	1.2	13
14	Electrochemical study of weak inclusion complex interactions by simultaneous MCR-ALS analyses of potential step-chronoamperometric data matrices. <i>Analytical Methods</i> , 2012, 4, 1776.	1.3	11
15	Deriving calibration curves at early times of chronoamperograms using the chemometrically resolved net faradaic current. <i>Journal of Electroanalytical Chemistry</i> , 2015, 755, 221-227.	1.9	9
16	Catalytic and electrocatalytic activities of Fe ₃ O ₄ /CeO ₂ /C-dot nanocomposite. <i>Chemical Papers</i> , 2021, 75, 2371-2378.	1.0	9
17	New relationship models for solvent-pyrene solubility based on molecular structure and empirical properties. <i>New Journal of Chemistry</i> , 2016, 40, 10197-10207.	1.4	8
18	Comparison between the gas-liquid solubility of methanol and ethanol in different organic phases using structural properties of solvents. <i>Journal of Molecular Liquids</i> , 2017, 241, 861-869.	2.3	8

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19	Spectrophotometric nanomolar determination of glucose by using C-dots/ Fe_3O_4 magnetic nanozyme. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	8
20	Determination of nanoparticles concentration by multivariate curve resolution. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 141, 88-93.	1.8	7
21	Comparison of different carbon nanostructures influence on potentiometric performance of carbon paste electrode. <i>Russian Journal of Electrochemistry</i> , 2016, 52, 955-959.	0.3	6
22	Investigation of the effective parameters on the gas-solvent partition coefficient of trans -stilbene using solvent-solubility approaches. <i>Journal of Molecular Liquids</i> , 2017, 231, 263-271.	2.3	6
23	Investigation and Modeling of the Solubility of Anthracene in Organic Phases. <i>Journal of Solution Chemistry</i> , 2017, 46, 352-373.	0.6	6
24	Determination of Tryptophan by Using of Activated Multi-Walled Carbon Nanotube Ionic Liquid Electrode. <i>Russian Journal of Electrochemistry</i> , 2018, 54, 1073-1080.	0.3	6
25	Structure-solubility and solvation energy relationships for propanol in different solvents using structural and empirical scales. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1604.	0.8	6
26	Solvent property-ion conductivity relationship for lithium, sodium and potassium ions in non-aqueous solvents using QSER. <i>Journal of Molecular Liquids</i> , 2019, 277, 705-713.	2.3	3
27	Structure-retardation factor relationship of natural amino acids in two different mobile phases of RP-TLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 580-588.	0.5	3
28	Next generation of chemistry and biochemistry conference posters: Animation, augmented reality, visitor statistics, and visitors' attention. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 619-624.	0.5	3
29	Synthesis of Copper and Silver Nanoparticles by Using Microwave-Assisted Ionic Liquid Crystal Method and Their Application for Nonenzymatic Hydrogen Peroxide Determination. <i>Electrocatalysis</i> , 2021, 12, 350-361.	1.5	2
30	Structure-electrochemistry relationship for monovalent alkaline metals in non-aqueous solutions. <i>Physics and Chemistry of Liquids</i> , 2019, 57, 600-620.	0.4	1
31	Prediction of retardation factor of protein amino acids in reversed phase TLC and ethanol-sodium azide solution as the mobile phase using QSRR. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 381-391.	0.4	1
32	High performance nanozymatic assay-based CuO nanocluster supported by reduced graphene oxide for determination of hydrogen peroxide and ascorbic acid. <i>Process Biochemistry</i> , 2021, 111, 256-261.	1.8	1
33	Natural Bitumen as an Available Low Cost Sorbent for Remediation of Heavy Metal Cations. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2020, 44, 687-694.	0.7	0