

Gholam Hossein Rounaghi

List of Publications by Year in descending order

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49
papers

1,091
citations

448610

19
h-index

466096

32
g-index

50
all docs

50
docs citations

50
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	A new electrochemical sensing platform for quantitative determination of diclofenac based on gold nanoparticles decorated multiwalled carbon nanotubes/graphene oxide nanocomposite film. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 153-166.	1.8	15
2	A Carbon Ionic Liquid Paste Sensor Modified with Lanthanum Nanorods /MWCNTs/Nafion Hybrid Composite for Carbamazepine Screening in Biological and Pharmaceutical Media. <i>ChemistrySelect</i> , 2021, 6, 10355-10361.	0.7	1
3	Modification of a pencil graphite electrode with multiwalled carbon nanotubes capped gold nanoparticles for electrochemical determination of tramadol. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 113996.	1.9	42
4	A Conductometric Study of Complexation Reaction between Kryptofix 22DD with Yttrium(III) Cation in Some Binary Mixed Non-aqueous Solvents. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 2174-2181.	0.1	0
5	Fabrication of a new electrochemical sensor based on Au Pt bimetallic nanoparticles decorated multi-walled carbon nanotubes for determination of diclofenac. <i>Microchemical Journal</i> , 2019, 144, 254-260.	2.3	67
6	Zero valent Fe-reduced graphene oxide quantum dots as a novel magnetic dispersive solid phase microextraction sorbent for extraction of organophosphorus pesticides in real water and fruit juice samples prior to analysis by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 429-439.	1.9	67
7	Electrochemical determination of anticancer drug, flutamide in human plasma sample using a microfabricated sensor based on hyperbranched polyglycerol modified graphene oxide reinforced hollow fiber-pencil graphite electrode. <i>Materials Science and Engineering C</i> , 2018, 91, 10-18.	3.8	49
8	Fabrication of a new electrochemical imprinted sensor for determination of ketamine based on modified polytyramine/sol-gel/f-MWCNTs@AuNPs nanocomposite/pencil graphite electrode. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 133-141.	4.0	38
9	Electrochemical Sensor Based on TiO ₂ Nanoparticles/Nafion Biocompatible Film Modified Glassy Carbon Electrode for Carbamazepine Determination in Pharmaceutical and Urine Samples. <i>Journal of the Electrochemical Society</i> , 2018, 165, B946-B952.	1.3	12
10	A novel electrochemical imprinted sensor for ultrasensitive detection of the new psychoactive substance "Mephedrone". <i>Biosensors and Bioelectronics</i> , 2018, 119, 163-169.	5.3	41
11	An uranyl solid state PVC membrane potentiometric sensor based on 4,13-didecyl-1,7,10,16-tetraoxa-4,13-diazacyclooctadecane and its application for environmental samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 189-200.	1.8	7
12	A Facile Approach for Synthesis of a Novel WO ₃ gC ₃ N ₄ /PtSnOs Catalyst and Its Application for Methanol Electro-oxidation. <i>Journal of Cluster Science</i> , 2017, 28, 2133-2146.	1.7	12
13	A novel electrochemical aptasensor based on f-MWCNTs/AuNPs nanocomposite for label-free detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 158-166.	4.0	87
14	Development of a new electrochemical imprinted sensor based on poly-pyrrole, sol-gel and multiwall carbon nanotubes for determination of tramadol. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 651-659.	4.0	93
15	Ultrasound-assisted magnetic dispersive solid-phase microextraction: A novel approach for the rapid and efficient microextraction of naproxen and ibuprofen employing experimental design with high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2016, 39, 1082-1089.	1.3	63
16	Fluorine-tin oxide (FTO) electrode modified with platinum nanoparticles dispersed into montmorillonite clay as an effective and low cost catalyst for ethanol electrooxidation. <i>RSC Advances</i> , 2016, 6, 113240-113248.	1.7	4
17	Glycine functionalized multiwall carbon nanotubes as a novel hollow fiber solid-phase microextraction sorbent for pre-concentration of venlafaxine and o-desmethylvenlafaxine in biological and water samples prior to determination by high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4247-4256.	1.9	36
18	A Microextraction Method Based on Ligandless Ion-Pair Formation for Measuring the Cadmium Cation in Real Samples by Flame Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2016, 9, 2887-2895.	1.3	3

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19	Fabrication a new modified electrochemical sensor based on Au-Pd bimetallic nanoparticle decorated graphene for citalopram determination. <i>Materials Science and Engineering C</i> , 2016, 69, 653-660.	3.8	24
20	Development of a novel ultrasonic-assisted magnetic dispersive solid-phase microextraction method coupled with high performance liquid chromatography for determination of mirtazapine and its metabolites in human urine and water samples employing experimental design. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7719-7729.	1.9	32
21	Voltammetric paracetamol sensor using a gold electrode made from a digital versatile disc chip and modified with a hybrid material consisting of carbon nanotubes and copper nanoparticles. <i>Mikrochimica Acta</i> , 2016, 183, 3001-3007.	2.5	12
22	Hyperbranched polyglycerol/graphene oxide nanocomposite reinforced hollow fiber solid/liquid phase microextraction for measurement of ibuprofen and naproxen in hair and waste water samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1029-1030, 81-87.	1.2	31
23	A Glassy Carbon Electrode Modified by Polypyrrole and Platinum Nanoparticles to Enhance the Catalytic Oxidation of Methanol. <i>Analytical Letters</i> , 2014, 47, 117-133.	1.0	10
24	A combined experimental and density functional theory study on the complexation ability of 15-crown-5 with Li ⁺ , Na ⁺ , K ⁺ , and NH ₄ ⁺ cations. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 599-606.	1.2	2
25	Conductometric study of complex formation between benzylobisthiosemicarbazone and metal cations in acetonitrile, dimethylformamide, and their binary mixtures. <i>Russian Journal of General Chemistry</i> , 2014, 84, 1429-1433.	0.3	0
26	Electrochemical preparation of effective and low cost catalyst for electrooxidation of ethanol. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1279-1289.	1.2	2
27	Complexation ability of kryptofix 22DD with lanthanum (III) cation in some binary mixed non-aqueous solvents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 395-402.	0.9	5
28	Development of vapor generation combined with potentiometric detection for determination of sulfite in beverages. <i>Journal of Food Measurement and Characterization</i> , 2013, 7, 75-80.	1.6	2
29	Electrochemical Determination of Salicylic Acid at a New Biosensor Based on Polypyrrole-Banana Tissue Composite. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 29-36.	1.1	22
30	Solvent influence upon complex formation between kryptofix5 and Cd ²⁺ in some pure and binary mixed non-aqueous solvents using conductometry. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1763-1773.	0.8	1
31	Complexing ability of kryptofix5 with Ag ⁺ in some binary mixed solvents at different temperatures. <i>Journal of Coordination Chemistry</i> , 2012, 65, 3592-3604.	0.8	7
32	Electrochemical behavior of para-nitroaniline at a new synthetic crown ether-silver nanoparticle modified carbon paste electrode. <i>Analytical Methods</i> , 2012, 4, 953.	1.3	29
33	Thermodynamics of ZrO ₂ ⁺ cation complexation with dibenzo-18-crown-6 in mixed non-aqueous solvents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 67-73.	1.6	4
34	Solvent influence upon complexation of N-phenylaza-15-crown-5 with UO ₂ ²⁺ cation in binary mixed non-aqueous solvents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 331-338.	1.6	7
35	Study of complexation process between N-phenylaza-15-crown-5 with yttrium cation in binary mixed solvents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 113-119.	1.6	5
36	Thermodynamic Study of the Complexation of p-Isopropylcalix[6]arene with Cs ⁺ Cation in Dimethylsulfoxide-Acetonitrile Binary Media. <i>Molecules</i> , 2011, 16, 8130-8142.	1.7	43

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37	Competitive transport of seven metal cations through bulk liquid membrane using 5,12-di(phenoxyethyl)-1,4-dioxo-7, 10-dithiacyclododecane-2,3-dione as carrier. Russian Journal of Inorganic Chemistry, 2011, 56, 816-823.	0.3	5
38	Study of competitive transport of metal cations through bulk liquid membrane using 4-nitrobenzo-18-crown-6 and diaza-18-crown-6. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 221-229.	1.6	10
39	Simultaneous extraction and determination of lead, cadmium and copper in rice samples by a new pre-concentration stripping technique: Hollow fiber solid phase microextraction combined with differential pulse anodic stripping voltammetry. Electrochimica Acta, 2011, 56, 3139-3146.	2.6	82
40	Complexing ability of a macrocyclic ligand, dibenzo-24-crown-8, with UO_2^{2+} in some binary mixed non-aqueous solvents. Journal of Coordination Chemistry, 2010, 63, 2349-2359.	0.8	19
41	A conductometric study of complexation reaction between dibenzo-24-crown-8 with yttrium cation in some binary mixed non-aqueous solvents. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 63, 319-325.	1.6	20
42	Complexation of 4-nitrobenzo-15-crown-5 with Mg^{2+} , Ca^{2+} , Sr^{2+} and Ba^{2+} metal cations in acetonitrile-methanol binary solutions. Russian Journal of Inorganic Chemistry, 2009, 54, 1921-1926.	0.3	9
43	Thermodynamic behavior of complexation of 18-crown-6 with Tl^+ , Pb^{2+} , Hg^{2+} , and Zn^{2+} metal cations in methanol-water binary media. Russian Journal of Inorganic Chemistry, 2008, 53, 660-664.	0.3	2
44	Study of complexation reactions between alkali and alkaline-earth metal cations with dibenzo-18-crown-6 (DB18C6) in mixed nonaqueous solvents using the conductometry method. Russian Journal of Inorganic Chemistry, 2007, 52, 134-140.	0.3	5
45	Complex Formation of 1,10-Dibenzyl-1,10-diaza-18-crown-6 with Ni^{2+} , Cu^{2+} , Ag^+ and Cd^{2+} Metal Cations in Acetonitrile-dimethylformamide Binary Solutions. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 58, 1-6.	1.6	6
46	Study of Complex Formation between N-Phenylaza-15-Crown-5 with Mg^{2+} , Ca^{2+} , Ag^+ and Cd^{2+} Metal Cations in Some Binary Mixed Aqueous and Non-aqueous Solvents using the Conductometric Method. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 247-252.	1.6	29
47	Effect of Solvent on Competitive Bulk Membrane Transport of Transition and Post Transition Metal Cations Using Decyl-18-crown-6. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 55, 309-314.	1.6	9
48	Solvent Influence upon Complex Formation between Dibenzo 24-Crown-8 and Mg^{2+} , Ca^{2+} , Sr^{2+} and Ba^{2+} Cations in Acetonitrile-Dimethylformamide Binary Mixtures Using the Conductometric Method. Journal of the Chinese Chemical Society, 2004, 51, 923-928.	0.8	11
49	A Thermodynamic Study of Complex Formation Between 18-Crown-6 with Tl^+ , Hg^{2+} and Ag^+ Metal Cations in Some Binary Mixed Non-aqueous Solvents Using the Conductometric Method. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 47, 101-107.	1.6	9