

Mehdi Taghdiri

List of Publications by Year in descending order

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27
papers

581
citations

933447

10
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Shift the Photocatalytic Activity of P25 TiO ₂ Nanoparticles toward the Visible Region upon Surface Modification with Organic Hybrid of Phosphotungstate. International Journal of Photoenergy, 2020, 2020, 1-8.	2.5	1
2	Photocatalytic mineralization of disperse red 167.1 by cubic Cu ₂ O nanoparticles: Experimental and theoretical approach. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 392, 112425.	3.9	6
3	Visible/solar-light driving photocatalytic activity of TiO ₂ nanotubes upon coating with phosphotungstate hybrid. International Journal of Environmental Analytical Chemistry, 2020, , 1-17.	3.3	2
4	Reducing power of <i>Eucalyptus oleosa</i> leaf extracts and green synthesis of gold nanoparticles using the extract. International Journal of Food Properties, 2017, 20, 1097-1103.	3.0	16
5	Selective Adsorption and Photocatalytic Degradation of Dyes Using Polyoxometalate Hybrid Supported on Magnetic Activated Carbon Nanoparticles under Sunlight, Visible, and UV Irradiation. International Journal of Photoenergy, 2017, 2017, 1-15.	2.5	33
6	Application of ZnO nanorods loaded on activated carbon for ultrasonic assisted dyes removal: Experimental design and derivative spectrophotometry method. Ultrasonics Sonochemistry, 2016, 33, 197-209.	8.2	127
7	Extractive oxidation desulfurization of sulfur-containing model fuel using hexamine-phosphotungstate hybrid as effective heterogeneous catalyst. Fuel, 2016, 167, 60-67.	6.4	43
8	Preparation and characterization of organic-inorganic adduct of dinaphthosulfide macrocyclic diamide and silicotungstic acid: study of interaction in solid and solution phase. Journal of Sulfur Chemistry, 2015, 36, 270-280.	2.0	2
9	Procedure optimization for green synthesis of silver nanoparticles by aqueous extract of <i>Eucalyptus oleosa</i> . Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1249-1254.	3.9	184
10	Transport of Cu ²⁺ ion across a bulk liquid membrane containing a synthesized Schiff base as carrier. Physics and Chemistry of Liquids, 2014, 52, 199-208.	1.2	1
11	Eggshell bioactive membrane assisted synthesis of barium tungstate nanoparticles. Materials Letters, 2014, 121, 5-7.	2.6	44
12	Conductometric studies of thermodynamics of complexation of Li ⁺ , Na ⁺ and K ⁺ ions with 4,4'-di-tert-butyl-2,2'-bipyridine in binary acetonitrile-nitromethane mixtures. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 375-383.	1.6	5
13	Heterogeneous degradation of precipitated hexamine from wastewater by catalytic function of silicotungstic acid in the presence of H ₂ O ₂ and H ₂ O ₂ /Fe ²⁺ . Journal of Hazardous Materials, 2013, 246-247, 206-212.	12.4	27
14	Conductometric Studies of Thermodynamics of 1,10-Didecyl-1,10-diaza-18-crown-6 Complexes with , , , , , and Ions in Acetonitrile, Methanol, and Ethanol Solutions. Journal of Chemistry, 2013, 2013, 1-9.	1.9	3
15	Multinuclear magnetic resonance study of N-phenyl-aza-15-crown-5 complexes with lithium, sodium and caesium ions in nonaqueous solvents. Physics and Chemistry of Liquids, 2013, 51, 102-111.	1.2	3
16	Application of Sephadex LH-20 for Microdetermination of Dopamine by Solid Phase Spectrophotometry. ISRN Pharmaceutics, 2012, 2012, 1-5.	1.0	4
17	Conductometric Studies of Thermodynamics of Complexation of Co ²⁺ , Ni ²⁺ , Cu ²⁺ , and Zn ²⁺ Cations with Aza-18-crown-6 in Binary Acetonitrile-Methanol Mixtures. Journal of Thermodynamics, 2012, 2012, 1-10.	0.8	4
18	Study on the interaction between dinaphthosulfide-substituted macrocyclic diamides and some metal ions: experimental measurements vs. quantum mechanical calculations. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 73, 255-262.	1.6	4

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19	Microdetermination of Methenamine in the Presence of Formaldehyde by Solid Phase Spectrophotometry. <i>ISRN Spectroscopy</i> , 2012, 2012, 1-5.	0.9	1
20	¹³³ Cs NMR Study of Cs ⁺ Ion Complexes with Dibenzo-24-crown-8, Dicyclohexano-24-crown-8 and Dibenzo-30-crown-10 in Binary Acetonitrile-Nitromethane Mixtures. <i>Journal of Solution Chemistry</i> , 2010, 39, 1350-1359.	1.2	7
21	Bis[1,3-bis(2-cyanophenyl)triazenido]mercury(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m1185-m1186.	0.2	0
22	Efficient synthesis and metal cations complexation of some novel dinaphthosulfide-substituted macrocyclic diamides. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 61, 153-160.	1.6	20
23	Thermodynamic study for dicyclohexano-24-crown-8 complexes with K ⁺ , Rb ⁺ , Cs ⁺ and Tl ⁺ ions in binary acetonitrile-nitromethane mixtures by conductometric method. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 231-237.	1.6	6
24	Spectrophotometric and conductometric studies of the thermodynamics complexation of Zn ²⁺ , Ni ²⁺ , Co ²⁺ , Pb ²⁺ and Cu ²⁺ ions with 1,13-bis(8-quinolyl)-1,4,7,10,13-pentaoxatridecane ligand in acetonitrile solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 255-261.	1.6	7
25	Conductance Study of the Thermodynamics of Complexation of K ⁺ , Rb ⁺ , Cs ⁺ and Tl ⁺ Ions with Dibenzo-24-crown-8 in Binary Acetonitrile-Nitromethane Mixtures. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 58, 181-186.	1.6	19
26	Complexation thermodynamics of some alkali-metal cations with 1,13-bis(8-quinolyl)-1,4,7,10,13-pentaoxatridecane in Acetonitrile. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 58, 377-382.	1.6	12
27	Study of hexamine removal by activated carbon modified with magnetic iron oxide nanoparticles for application in treatment of hexamine industrial wastewater. <i>Desalination and Water Treatment</i> , 0, , 1-11.	1.0	0