

Ali Yeganeh-Faal

List of Publications by Year in descending order

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31
papers

809
citations

516710

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501196

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33
all docs

33
docs citations

33
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, and morphological control of ZnTiO ₃ nanoparticles through sol-gel processes and its photocatalyst application. <i>Advanced Powder Technology</i> , 2016, 27, 2066-2075.	4.1	163
2	Green synthesis of Ag nanoparticles/clinoptilolite using <i>Vaccinium macrocarpon</i> fruit extract and its excellent catalytic activity for reduction of organic dyes. <i>Journal of Alloys and Compounds</i> , 2017, 719, 82-88.	5.5	111
3	Design and synthesis of a novel trinuclear palladium(Pd_3) complex containing an oxime chelate ligand: determining the interaction mechanism with the DNA groove and BSA site I by spectroscopic and molecular dynamics simulation approaches. <i>New Journal of Chemistry</i> , 2015, 39, 8708-8719.	2.8	66
4	Preparation of MWCNT/TiO ₂ -Co nanocomposite electrode by electrophoretic deposition and electrochemical study of hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 9613-9620.	7.1	51
5	Optical, structural, and photocatalytic properties of Cd-doped ZnO powders prepared via sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 521-527.	2.4	44
6	A highly selective semiconducting polymer dots-based fluorescent nanoprobe for iron, copper and histidine detection and imaging in living cells. <i>Talanta</i> , 2019, 194, 752-762.	5.5	37
7	Nano-sized CuO/ZnO hollow spheres: synthesis, characterization and photocatalytic performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14678-14684.	2.2	36
8	Green synthesis of the Ag/ZnO nanocomposite using <i>Valeriana officinalis L.</i> root extract: application as a reusable catalyst for the reduction of organic dyes in a very short time. <i>IET Nanobiotechnology</i> , 2017, 11, 669-676.	3.8	35
9	Novel sulfate ion-selective polymeric membrane electrode based on a derivative of pyrilium perchlorate. <i>Talanta</i> , 2002, 58, 359-366.	5.5	34
10	Aquamethemoglobin reduction by sodium n-dodecyl sulfate via coordinated water oxidation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 30, 139-146.	5.0	22
11	Synthesis, spectroscopic characterization and <i>in vitro</i> cytotoxicities of new organometallic palladium complexes with biologically active β^2 -diketones; Biological evaluation probing of the interaction mechanism with DNA/Protein and molecular docking. <i>Journal of Molecular Structure</i> , 2018, 1154, 480-495.	3.6	22
12	Sensitive electrochemical detection of picloram utilizing a multi-walled carbon nanotube/Cr-based metal-organic framework composite-modified glassy carbon electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 197-214.	3.3	21
13	Synthesis, characterization, cytotoxic activity and DNA-binding studies of cobalt (II) mixed-ligand complex containing pyridine-2,6-dicarboxylate ion and 2-aminopyrimidine. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1125-1132.	2.2	19
14	Label free phosphate functionalized semiconducting polymer dots for detection of iron(III) and cytochrome c with application to apoptosis imaging. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111337.	10.1	19
15	A study of chemiluminescence from reaction of bis(2,4,6-trichlorophenyl)oxalate, hydrogen peroxide and an optical brightener 5-(3-anilino-5-chloroanilino)-2-[(E)-2-[4-(3-anilino-5-chloroanilino)-2-sulfophenyl]-1-ethenyl]-1-benzenesulfonic acid. <i>Dyes and Pigments</i> , 2007, 72, 113-118.	3.7	18
16	Simultaneous spectrophotometric determination of minoxidil and tretinoin by the H-point standard addition method and partial least squares. <i>Chemical Papers</i> , 2009, 63, .	2.2	18
17	Interaction study of some macrocyclic inorganic schiff base complexes with calf thymus DNA using spectroscopic and voltammetric methods. <i>Journal of Molecular Structure</i> , 2018, 1152, 128-136.	3.6	17
18	DNA Binding Properties of Water-Soluble Mixed Ligand Nickel(II) Complex with Calf-thymus DNA Using Different Instrumental Methods. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1882-1888.	0.6	15

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19	Development of ultrasound assisted dispersive micro solid phase extraction based on CuO nanoplate-polyaniline composite as a new sorbent for insecticides analysis in wheat samples. <i>Microchemical Journal</i> , 2021, 168, 106422.	4.5	11
20	Multi-wavelength spectrophotometric determination of acidity constants of some salicylaldimine derivatives. <i>Journal of Molecular Liquids</i> , 2013, 178, 70-77.	4.9	8
21	Chemometric Modeling to Predict Aquatic Toxicity of Benzene Derivatives Using Stepwise-Multi Linear Regression and Partial Least Square. <i>Asian Journal of Chemistry</i> , 2013, 25, 331-342.	0.3	8
22	Influence of different precursors and Mn doping concentrations on the structural, optical properties and photocatalytic activity of single-crystal manganese-doped ZnO. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 897-906.	2.2	8
23	A study of peroxyoxalate-chemiluminescence of 4,4'-bis[4,6-bis(2-hydroxyethyl)amino-1,3,5-triazin-2-yl]amino}stilbene-2,2'-disulfonic acid-disodium salt as a novel blue fluorescer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 546-551.	3.9	7
24	Preparation and characterization of titanium tungstophosphate immobilized on mesoporous silica SBA-15 as a new inorganic composite ion exchanger for the removal of lanthanum from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 177-190.	1.5	5
25	Nile red-doped fluorescent semiconducting polymer dots as a highly sensitive hydrophobicity probe: protein conformational changes detection and plasma membrane imaging. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 535-543.	2.2	4
26	Application of Amine and Phosphotungstic Acid Groups as a Novel Bifunctional Fiber Coating in SPME-HPLC of Volatile Phenols in Water. <i>Chromatographia</i> , 2017, 80, 1605-1613.	1.3	3
27	Acidity Constants Determination of Triazine Dye Derivative in the presence of some Surfactants by Multiwavelength Spectrophotometric and Spectrofluorimetric. <i>Current Chemistry Letters</i> , 2014, 3, 115-124.	1.6	2
28	Novel synthesis and characterization of Fe ₃ O ₄ /C nanocomposites and investigation of its application in removal of pesticide diazinon. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 13119-13126.	2.2	2
29	Preparation and characteristics of HgTe nanostructures using solvothermal method: effects of different alkaline agents and photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3305-3311.	2.2	1
30	Fabrication of an Optochemical Sensor Based on Triacetylcellulose Polymer for Colorimetric Determination of Trinitrotoluene. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 438-444.	1.6	1
31	Response surface optimized peroxyoxalate chemiluminescence of octahydro Schiff base derivative as new luminophor and study of the quenching effect of some cations, amino acids and cholesterol. <i>Luminescence</i> , 2014, 29, 1074-1081.	2.9	0