

Soleiman Hisaindee

List of Publications by Year in descending order

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34
papers

1,703
citations

430874

18
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

2777
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview on the photocatalytic degradation of azo dyes in the presence of TiO ₂ doped with selective transition metals. <i>Desalination</i> , 2011, 276, 13-27.	8.2	621
2	Application of LC-MS to the analysis of advanced oxidation process (AOP) degradation of dye products and reaction mechanisms. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 49, 31-44.	11.4	225
3	Spectroscopic studies of keto-enol tautomeric equilibrium of azo dyes. <i>RSC Advances</i> , 2015, 5, 18097-18110.	3.6	83
4	Development of a therapeutic model of precancerous liver using crocin-coated magnetite nanoparticles. <i>International Journal of Oncology</i> , 2017, 50, 212-222.	3.3	66
5	A Heterodinuclear Asymmetric Catalyst for Conjugate Additions of α -Hydroxyketones to β -Substituted Nitroalkenes. <i>Organic Letters</i> , 2006, 8, 6003-6005.	4.6	61
6	Rhus coriaria induces senescence and autophagic cell death in breast cancer cells through a mechanism involving p38 and ERK1/2 activation. <i>Scientific Reports</i> , 2015, 5, 13013.	3.3	56
7	Mechanistic studies of photoinduced degradation of Orange G using LC/MS. <i>RSC Advances</i> , 2011, 1, 490.	3.6	54
8	Detoxification and degradation of sulfamethoxazole by soybean peroxidase and UV+H ₂ O ₂ remediation approaches. <i>Chemical Engineering Journal</i> , 2018, 352, 450-458.	12.7	54
9	Mitotic Arrest and Apoptosis in Breast Cancer Cells Induced by Origanum majorana Extract: Upregulation of TNF- α and Downregulation of Survivin and Mutant p53. <i>PLoS ONE</i> , 2013, 8, e56649.	2.5	45
10	Studies on solvatochromic behavior of dyes using spectral techniques. <i>Journal of Molecular Structure</i> , 2013, 1042, 45-56.	3.6	43
11	Solvent effects on the absorption and fluorescence spectra of Cu(II)-phthalocyanine and DFT calculations. <i>Journal of Molecular Liquids</i> , 2012, 168, 102-109.	4.9	35
12	Enzymatic pretreatment of microalgae cells for enhanced extraction of proteins. <i>Engineering in Life Sciences</i> , 2017, 17, 175-185.	3.6	35
13	Clinical diagnostic tools for vitamin D assessment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 105-117.	2.5	35
14	Synthesis of (α)-Puroquinonic Acid: An Inducer of Cell Differentiation. <i>Journal of Organic Chemistry</i> , 2001, 66, 954-961.	3.2	33
15	Fabrication and characterization of graphite oxide nanoparticle composite based field effect transistors for non-enzymatic glucose sensor applications. <i>Journal of Alloys and Compounds</i> , 2017, 694, 1061-1066.	5.5	32
16	Derivatized Amino Acids Relevant to Native Peptide Synthesis by Chemical Ligation and Acyl Transfer. <i>Journal of Organic Chemistry</i> , 2003, 68, 9247-9254.	3.2	31
17	A synthesis of puroquinonic acid. <i>Tetrahedron Letters</i> , 2001, 42, 2253-2255.	1.4	21
18	Antipathogenic effects of structurally-related Schiff base derivatives: Structure-activity relationship. <i>Arabian Journal of Chemistry</i> , 2015, 8, 828-836.	4.9	21

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19	Synthesis, characterization, anti-bacterial, anti-fungal and nematicidal activities of 2-amino-3-cyanochromenes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 160-163.	3.8	16
20	Effect of Enzymatic pre-treatment of microalgae extracts on their anti-tumor activity. <i>Biomedical Journal</i> , 2017, 40, 339-346.	3.1	16
21	Preparation of oil sorbents by solvent-free grafting of cellulose cotton fibers. <i>Cellulose</i> , 2018, 25, 4093-4106.	4.9	16
22	Synthesis of Racemic Brevioxime and Related Model Compounds. <i>Journal of Organic Chemistry</i> , 2000, 65, 4923-4929.	3.2	14
23	Genotoxicity of structurally related copper and zinc containing Schiff base complexes. <i>Drug and Chemical Toxicology</i> , 2013, 36, 435-442.	2.3	14
24	Synthesis of racemic brevioxime. <i>Chemical Communications</i> , 1999, , 2251-2252.	4.1	11
25	Fluorescent Studies of Salicylaldehyde and Other Related Carbonyl Compounds for the Selective and Sensitive Detection of Zinc(II) Ions in Aqueous Solution. <i>Journal of Fluorescence</i> , 2012, 22, 677-683.	2.5	11
26	Synthesis, $\hat{\pm}$ -amylase and $\hat{\pm}$ -glucosidase inhibition and molecular docking studies of indazole derivatives. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10730-10740.	3.5	11
27	Synthesis, spectral studies and biological evaluation of 2-aminonicotinic acid metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 39-43.	3.9	10
28	Photocatalytic degradation of acetaminophen in aqueous solution by Zn _{0.2} Cd _{0.8} S catalyst and visible radiation. , 0, 138, 270-279.		8
29	Comparative degradation studies of Malachite Green and Thiazole Yellow G and their binary mixture using UV/H ₂ O ₂ . <i>Desalination and Water Treatment</i> , 2016, 57, 8336-8342.	1.0	6
30	An Environmentally Benign Solid Acid Nanocatalyst for the Green Synthesis of Carboxylic Acid Ester. <i>ChemistrySelect</i> , 2021, 6, 9645-9652.	1.5	6
31	Synthesis of metal anthranilate complexes: catalytic and antipathogenic studies. <i>BMC Chemistry</i> , 2022, 16, 21.	3.8	5
32	An LC-MS/MS Method for Analysis of Vitamin D Metabolites and C3 Epimers in Mice Serum: Oral Supplementation Compared to UV Irradiation. <i>Molecules</i> , 2021, 26, 5182.	3.8	4
33	Suzuki-Miyaura Reaction of Chloroarenes Using Pd(PPh ₃) ₄ as Catalyst. <i>Journal of Chemical Research</i> , 2010, 34, 34-38.	1.3	3
34	Tautomerism in substituted cyanopyridone: Ultrafast dynamics and TDDFT studies in water. <i>Chemical Physics Letters</i> , 2014, 600, 1-6.	2.6	1