

Bahram Daraei

List of Publications by Year in descending order

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47
papers

811
citations

687363

13
h-index

552781

26
g-index

47
all docs

47
docs citations

47
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Carcinogenic metal induced sites of reactive oxygen species formation in hepatocytes. <i>Toxicology in Vitro</i> , 2003, 17, 803-810.	2.4	151
2	Comparison of near-infrared (NIR) and mid-infrared (MIR) spectroscopy based on chemometrics for saffron authentication and adulteration detection. <i>Food Chemistry</i> , 2021, 344, 128647.	8.2	74
3	A comparison of hepatocyte cytotoxic mechanisms for thallium (I) and thallium (III). <i>Environmental Toxicology</i> , 2010, 25, 456-467.	4.0	55
4	Design, synthesis and biological evaluation of new 2,3-diarylquinoline derivatives as selective cyclooxygenase-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1029-1033.	3.0	52
5	Mitochondrial/lysosomal toxic cross-talk plays a key role in cisplatin nephrotoxicity. <i>Xenobiotica</i> , 2010, 40, 763-771.	1.1	50
6	Mitochondria-Targeted Polyamidoamine Dendrimer- α -Curcumin Construct for Hepatocellular Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2020, 17, 4483-4498.	4.6	34
7	Polycyclic aromatic hydrocarbons in infant formulae, follow-on formulae, and baby foods in Iran: An assessment of risk. <i>Food and Chemical Toxicology</i> , 2019, 131, 110640.	3.6	30
8	New Ferrocene Compounds as Selective Cyclooxygenase (COX-2) Inhibitors: Design, Synthesis, Cytotoxicity and Enzyme-inhibitory Activity. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 295-301.	1.7	23
9	Design, synthesis, and biological evaluation of new pyrazino[1,2-a<math>i> a</i>]benzimidazole derivatives as selective cyclooxygenase (COX-2) inhibitors. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800265.	4.1	21
10	Combining multivariate image analysis with high-performance thin-layer chromatography for development of a reliable tool for saffron authentication and adulteration detection. <i>Journal of Chromatography A</i> , 2020, 1628, 461461.	3.7	21
11	Design, synthesis and biological evaluation of novel indanone containing spiroisoxazoline derivatives with selective COX-2 inhibition as anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 32, 115960.	3.0	17
12	Design, Synthesis, and Biological Evaluation of New Peptide Analogues as Selective COX-2 Inhibitors. <i>Archiv Der Pharmazie</i> , 2017, 350, 1700158.	4.1	15
13	Thallium(I) and thallium(III) induce apoptosis in isolated rat hepatocytes by alterations in mitochondrial function and generation of ROS. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 145-156.	1.2	14
14	Design, Synthesis and Biological Evaluation of New 5,5-Diarylhydantoin Derivatives as Selective Cyclooxygenase-2 Inhibitors. <i>Scientia Pharmaceutica</i> , 2011, 79, 449-460.	2.0	14
15	Near-infrared spectroscopy and machine learning-based classification and calibration methods in detection and measurement of anionic surfactant in milk. <i>Journal of Food Composition and Analysis</i> , 2021, 104, 104170.	3.9	14
16	Analysis of antibacterial and antibiofilm activity of purified recombinant Azurin from <i>Pseudomonas aeruginosa</i> . <i>Iranian Journal of Microbiology</i> , 0, , .	0.8	14
17	DNAzyme- α -aptamer or aptamer- α -DNAzyme paradigm: Biochemical approach for aflatoxin analysis. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 274-280.	3.1	13
18	Liver and kidney serum profile abnormalities in workers exposed to aflatoxin B1 in urban solid waste management centers. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 472.	2.7	13

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19	Application of genetic algorithm and multivariate methods for the detection and measurement of milk surfactant adulteration by attenuated total reflection and near-infrared spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2696-2703.	3.5	13
20	Design, synthesis and biological evaluation of new tricyclic spiroisoxazoline derivatives as selective COX-2 inhibitors and study of their COX-2 binding modes via docking studies. <i>Medicinal Chemistry Research</i> , 2016, 25, 858-869.	2.4	12
21	Chlorpyrifos Toxicity in Mouse Cultured Cerebellar Granule Neurons at Different Stages of Development: Additive Effect on Glutamate-Induced Excitotoxicity. <i>Cell Journal</i> , 2016, 18, 464-72.	0.2	12
22	Design, Synthesis and Biological Evaluation of New 1, 4-Dihydropyridine (DHP) Derivatives as Selective Cyclooxygenase-2 Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 1087-93.	0.5	12
23	Evaluation of Cytotoxicity Effects of Chalcone Epoxide Analogues as a Selective COX-II Inhibitor in the Human Liver Carcinoma Cell Line. <i>Journal of Pharmacopuncture</i> , 2017, 20, 207-212.	1.1	11
24	Optimization of Aflatoxin B1 Aptasensing. <i>Journal of Toxicology</i> , 2017, 2017, 1-6.	3.0	10
25	Design, Synthesis and Biological Evaluation of New 1,3-diphenyl-3- (phenylamino)propan-1-ones as Selective Cyclooxygenase (COX-2) Inhibitors. <i>Medicinal Chemistry</i> , 2018, 14, 652-659.	1.5	10
26	Preparation and Characterization of Rivastigmine Transdermal Patch Based on Chitosan Microparticles. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 283-294.	0.5	10
27	Design, Synthesis and Biological Evaluation of New Imidazo[2,1-b]Thiazole Derivatives as Selective COX-2 Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 1288-1296.	0.5	10
28	The Feasibility of Two Handheld Spectrometers for Meat Speciation Combined with Chemometric Methods and Its Application for Halal Certification. <i>Foods</i> , 2022, 11, 71.	4.3	10
29	Favipiravir Effects on the Control of Clinical Symptoms of Hospitalized COVID-19 Cases: An Experience with Iranian Formulated Dosage Form.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 1-8.	0.5	10
30	The anti-adhesive and anti-invasive effects of recombinant azurin on the interaction between enteric pathogens (invasive/non-invasive) and Caco-2 cells. <i>Microbial Pathogenesis</i> , 2020, 147, 104246.	2.9	8
31	Cytotoxic Effect of Iranian <i>Vipera lebetina</i> Snake Venom on HUVEC Cells. <i>Iranian Journal of Pharmaceutical Research</i> , 2015, 14, 109-14.	0.5	8
32	Analysis of antibacterial and antibiofilm activity of purified recombinant Azurin from. <i>Iranian Journal of Microbiology</i> , 2019, 11, 166-176.	0.8	7
33	Functional mimetic peptide discovery isolated by phage display interacts selectively to fibronectin domain and inhibits gelatinase. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19699-19711.	2.6	6
34	Optimization of QuEChERS extraction of steroid hormones from infant formulae for mass spectrometric analysis. <i>Toxicological and Environmental Chemistry</i> , 2021, 103, 1-17.	1.2	6
35	Behavioral and Stereological Analysis of the Effects of Intermittent Feeding Diet on the Orally Administrated MDMA ("ecstasy") in Mice. <i>Innovations in Clinical Neuroscience</i> , 2017, 14, 40-52.	0.1	6
36	Influence of Heterologously Expressed azurin from <i>Pseudomonas aeruginosa</i> on the Adhesion and Invasion of Pathogenic Bacteria to the Caco-2 Cell Line. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 697-704.	3.9	4

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37	Simultaneous Determination of Six Benzodiazepines in Spiked Soft Drinks by High Performance Liquid Chromatography with Ultra Violet Detection (HPLC-UV). Iranian Journal of Pharmaceutical Research, 2016, 15, 457-63.	0.5	4
38	Assessment of meat authenticity using portable Fourier transform infrared spectroscopy combined with multivariate classification techniques. Microchemical Journal, 2022, 181, 107735.	4.5	4
39	Magnetic-Dispersive Solid Phase Extraction Based on Graphene Oxide-Fe ₃ O ₄ Nanocomposites Followed by High Performance Liquid Chromatography-Fluorescence for the Preconcentration and Determination of Terazosin Hydrochloride in Human Plasma. Journal of Chromatographic Science, 2020, 58, 178-186.	1.4	3
40	Design, Synthesis and Biological Evaluation of Novel Peptide-Like Analogues as Selective COX-2 Inhibitors. Iranian Journal of Pharmaceutical Research, 2018, 17, 87-92.	0.5	3
41	A Comparison of Hepatocyte Cytotoxic Mechanisms for Docetaxel and PLGA-Docetaxel Nanoparticles. Iranian Journal of Pharmaceutical Research, 2017, 16, 249-265.	0.5	2
42	Graphene Oxide-Based Dispersive-Solid Phase Extraction for Preconcentration and Determination of Ampicillin Sodium and Clindamycin Hydrochloride Antibiotics in Environmental Water Samples Followed by HPLC-UV Detection. Iranian Journal of Pharmaceutical Research, 2019, 18, 642-657.	0.5	2
43	Two novel anticancer compounds with minimum cardiotoxic property. BMC Pharmacology & Toxicology, 2020, 21, 79.	2.4	1
44	Global Sequence Analysis and Expression of Azurin Gene in Different Clinical Specimens of Burn Patients with Pseudomonas aeruginosa Infection. Infection and Drug Resistance, 2020, Volume 13, 2261-2275.	2.7	1
45	Approaches for the Treatment of SARS-CoV-2 Infection: A Pharmacologic View and Literature Review. Iranian Journal of Pharmaceutical Research, 2020, 19, 258-281.	0.5	1
46	A tetrodotoxin like toxin from arothron stellatus in persian golf. Toxicology Letters, 1996, 88, 110-111.	0.8	0
47	Validation of an UHPLC-MS/MS Method for Simultaneous Analysis of 11 Mycotoxins in Wheat Flour Using Immunoaffinity Column. Iranian Journal of Pharmaceutical Research, 2019, 18, 182-189.	0.5	0