

Majid Mahdavi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

806
citations

17
h-index

26
g-index

60
ext. papers

1,035
ext. citations

3.8
avg, IF

4.49
L-index

#	Paper	IF	Citations
59	The Effects of Sesquiterpene Lactones on the Differentiation of Human or Animal Cells Cultured : A Critical Systematic Review.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 862446	5.6	
58	The role of KIR positive NK cells in diseases and its importance in clinical intervention. <i>International Immunopharmacology</i> , 2021 , 92, 107361	5.8	5
57	Gemini Curcumin Suppresses Proliferation of Ovarian Cancer OVCAR-3 Cells via Induction of Apoptosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 775-781	2.2	4
56	Direct surface modification of mesoporous silica nanoparticles by DBD plasma as a green approach to prepare dual-responsive drug delivery system. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021 , 123, 47-58	5.3	4
55	DNA binding ability and cytotoxicity, cell cycle arrest and apoptosis inducing properties of a benzochromene derivative against K562 human leukemia cells. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021 , 40, 732-753	1.4	0
54	Apoptotic induction in K562 cell line by new water-soluble complexes of nickel(II) and zinc(II). <i>Polyhedron</i> , 2021 , 202, 115205	2.7	0
53	An Efficient Graphene Quantum Dots-Based Electrochemical Cytosensor for the Sensitive Recognition of CD123 in Acute Myeloid Leukemia Cells. <i>IEEE Sensors Journal</i> , 2021 , 21, 16451-16463	4	5
52	Synthesis of temperature/pH dual-responsive mesoporous silica nanoparticles by surface modification and radical polymerization for anti-cancer drug delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 623, 126719	5.1	6
51	Preparation and in-vitro evaluation of mesoporous biogenic silica nanoparticles obtained from rice and wheat husk as a biocompatible carrier for anti-cancer drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 163, 105866	5.1	11
50	A novel and highly sensitive sandwich-type immunosensor for prostate-specific antigen detection based on MWCNTs-Fe ₃ O ₄ nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2021 , 346, 130459	8.5	9
49	In vitro study of redroot pigweed effects as weed plant species on leukemia.. <i>Natural Product Research</i> , 2021 , 1-4	2.3	
48	Calprotectin (S100A8/S100A9)-induced cytotoxicity and apoptosis in human gastric cancer AGS cells: Alteration in expression levels of Bax, Bcl-2, and ERK2. <i>Human and Experimental Toxicology</i> , 2020 , 39, 1031-1045	3.4	4
47	2-NDC from dithiocarbamates improves ATRA efficiency and ROS-induced apoptosis via downregulation of Bcl2 and Survivin in human acute promyelocytic NB4 cells. <i>Human and Experimental Toxicology</i> , 2020 , 39, 960-972	3.4	0
46	Down-regulation of Bcl2 and Survivin, and up-regulation of Bax involved in copper (II) phenylthiosemicarbazone complex-induced apoptosis in leukemia stem-like KG1a cells. <i>Process Biochemistry</i> , 2020 , 92, 190-196	4.8	0
45	Overexpression of CFL1 in gastric cancer and the effects of its silencing by siRNA with a nanoparticle delivery system in the gastric cancer cell line. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6660-6672 ⁵		
44	Molecular mechanisms of apoptosis induction in K562 and KG1a leukemia cells by a water-soluble copper(II) thiosemicarbazone complex. <i>Journal of Biological Inorganic Chemistry</i> , 2020 , 25, 383-394	3.7	5
43	UT1 Isolated from Northwest of Iran Traditional Curd Exerts Anti-proliferative and Apoptosis Inducing Effects in Human Colorectal Tumor HCT 116 Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2020 , 10, 125-129	4.5	2

42	Down-regulation of Survivin and Bcl-2 concomitant with the activation of caspase-3 as a mechanism of apoptotic death in KG1a and K562 cells upon exposure to a derivative from ciprofloxacin family. <i>Toxicology and Applied Pharmacology</i> , 2020 , 409, 115331	4.6	3
41	Novel N-4-Piperazinyl Ciprofloxacin-Ester Hybrids: Synthesis, Biological Evaluation, and Molecular Docking Studies. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 1558-1565	0.7	3
40	DNA-binding activity and cytotoxic and cell-cycle arrest properties of some new coumarin derivatives: a multispectral and computational investigation. <i>Luminescence</i> , 2020 , 35, 98-106	2.5	4
39	Enhanced anti-proliferative and pro-apoptotic effects of metformin encapsulated PLGA-PEG nanoparticles on SKOV3 human ovarian carcinoma cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 737-746	6.1	25
38	DNA-binding affinity, cytotoxicity, apoptosis, cell cycle inhibition and molecular docking studies of a new stilbene derivative. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019 , 38, 101-118	1.4	3
37	Design, synthesis and evaluation of biological activities of some novel anti-TB agents with bio-reducible functional group. <i>BioImpacts</i> , 2019 , 9, 199-209	3.5	2
36	4t-CHQ a Spiro-Quinazolinone Benzenesulfonamide Derivative Induces G/G Cell Cycle arrest and Triggers Apoptosis Through Down-Regulation of Survivin and Bcl2 in the Leukemia Stem-Like KG1-a Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019 , 19, 1340-1349	2.2	5
35	Apoptosis-inducing effect of spiroaminopyrimidine analogue in NB4 leukemia cells via down-regulation of BIRC5 expression. <i>Experimental Oncology</i> , 2019 , 41, 312-317	0.8	1
34	Synthesis and Biological Evaluation of Some Novel 2-Pyrazinoic Acid-derived Esters. <i>Letters in Organic Chemistry</i> , 2019 , 16, 424-429	0.6	1
33	Study of cytotoxicity and cell death of an active compound from prazinoic acids in chronic myeloid leukemia K562 cell line. <i>Medical Journal of Tabriz University of Medical Sciences & Health Services</i> , 2019 , 41, 14-21	0	
32	Development of curcumin-loaded gemini surfactant nanoparticles: Synthesis, characterization and evaluation of anticancer activity against human breast cancer cell lines. <i>Phytomedicine</i> , 2019 , 57, 183-190	6.5	23
31	Cytotoxicity, oxidative stress, and apoptosis in K562 leukemia cells induced by an active compound from pyrano-pyridine derivatives. <i>Human and Experimental Toxicology</i> , 2018 , 37, 1105-1116	3.4	3
30	Calprotectin (S100A8/S100A9): a key protein between inflammation and cancer. <i>Inflammation Research</i> , 2018 , 67, 801-812	7.2	90
29	Metformin protects PC12 cells against oxygen-glucose deprivation/reperfusion injury. <i>Toxicology Mechanisms and Methods</i> , 2018 , 28, 622-629	3.6	7
28	Cytotoxic and apoptosis inducing effect of some pyrano [3, 2-c] pyridine derivatives against MCF-7 breast cancer cells. <i>Acta Biochimica Polonica</i> , 2018 , 65, 397-402	2	6
27	Synthesis and characterization of FeO-PEG-LAC-chitosan-PEI nanoparticle as a survivin siRNA delivery system. <i>Human and Experimental Toxicology</i> , 2017 , 36, 227-237	3.4	14
26	Synthesis, characterization and in vitro biological activities of new water-soluble copper(II), zinc(II), and nickel(II) complexes with sulfonato-substituted Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2017 , 458, 171-180	2.7	25
25	Apoptosis induction activity and molecular docking studies of survivin siRNA carried by FeO-PEG-LAC-chitosan-PEI nanoparticles in MCF-7 human breast cancer cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 142, 145-154	3.5	21

24	Reactions of copper(II), nickel(II), and zinc(II) acetates with a new water-soluble 4-phenylthiosemicarbazone Schiff base ligand: Synthesis, characterization, unexpected cyclization, antimicrobial, antioxidant, and anticancer activities. <i>Polyhedron</i> , 2017 , 124, 156-165	2.7	30
23	Copper, nickel and zinc complexes of a new water-soluble thiosemicarbazone ligand: Synthesis, characterization, stability and biological evaluation. <i>Journal of Molecular Liquids</i> , 2017 , 248, 658-667	6	7
22	Farnesiferol C induces cell cycle arrest and apoptosis mediated by oxidative stress in MCF-7 cell line. <i>Toxicology Reports</i> , 2017 , 4, 420-426	4.8	32
21	Multifunctional Superparamagnetic Nanoparticles: From Synthesis to siRNA Delivery. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2400-2409	3.3	1
20	Potent anti-angiogenic and cytotoxic effect of conferone on human colorectal adenocarcinoma HT-29 cells. <i>Phytomedicine</i> , 2016 , 23, 398-405	6.5	36
19	Acute and Subchronic Toxicity Study of the Median Septum of in Wistar Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2016 , 6, 541-549	4.5	10
18	Evaluation of the cytotoxic, apoptosis inducing activity and molecular docking of spiroquinazolinone benzamide derivatives in MCF-7 breast cancer cells. <i>Chemico-Biological Interactions</i> , 2016 , 260, 232-242	5	24
17	Novel polyacrylate-based cationic nanoparticles for survivin siRNA delivery combined with mitoxantrone for treatment of breast cancer. <i>Biologicals</i> , 2016 , 44, 487-496	1.8	12
16	Oxidative Stress-Induced Apoptosis in Chronic Myelogenous Leukemia K562 Cells by an Active Compound from the Dithio- Carbamate Family. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016 , 17, 4267-4273	1.7	10
15	Multispectral studies of DNA binding, antioxidant and cytotoxic activities of a new pyranochromene derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 145, 353-359	4.4	23
14	Spiroquinazolinone-induced cytotoxicity and apoptosis in K562 human leukemia cells: alteration in expression levels of Bcl-2 and Bax. <i>Journal of Toxicological Sciences</i> , 2015 , 40, 115-26	1.9	33
13	Investigation on the Binding Mode of 3, 4-Dihydropyrano[c]Chromene Derivative with Double Strand DNA. <i>Advanced Pharmaceutical Bulletin</i> , 2015 , 5, 477-81	4.5	7
12	Inhibition of cell proliferation and induction of apoptosis in K562 human leukemia cells by the derivative (3-NpC) from dihydro-pyranochromenes family. <i>Acta Biochimica Polonica</i> , 2015 , 62, 83-8	2	19
11	Up regulation of Bax and down regulation of Bcl2 during 3-NC mediated apoptosis in human cancer cells. <i>Cancer Cell International</i> , 2015 , 15, 55	6.4	79
10	Helicobacter pylori vacA d1 genotype predicts risk of gastric adenocarcinoma and peptic ulcers in northwestern Iran. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 1575-9	1.7	37
9	Studying the relationship between robustness against mutations in metabolic networks and lifestyle of organisms. <i>Scientific World Journal, The</i> , 2013 , 2013, 615697	2.2	3
8	Anti-proliferative and apoptotic effects of the derivatives from 4-aryl-4H-chromene family on human leukemia K562 cells. <i>Archives of Pharmacal Research</i> , 2012 , 35, 1573-82	6.1	24
7	Induction of apoptosis through tubulin inhibition in human cancer cells by new chromene-based chalcones. <i>Pharmaceutical Biology</i> , 2012 , 50, 1551-60	3.8	24

6	Concomitant activation of caspase-9 and down-regulation of IAP proteins as a mechanism of apoptotic death in HepG2, T47D and HCT-116 cells upon exposure to a derivative from 4-aryl-4H-chromenes family. <i>Biomedicine and Pharmacotherapy</i> , 2011 , 65, 175-82	7.5	38
5	Biological evaluation of synthetic analogues of curcumin: chloro-substituted-2'-hydroxychalcones as potential inhibitors of tubulin polymerization and cell proliferation. <i>Medicinal Chemistry Research</i> , 2011 , 20, 503-510	2.2	16
4	Gnidilatimonoein from <i>Daphne mucronata</i> induces differentiation and apoptosis in leukemia cell lines. <i>Archives of Pharmacal Research</i> , 2007 , 30, 177-81	6.1	17
3	Guanosine 5'Triphosphate induces differentiation-dependent apoptosis in human leukemia U937 and KG1 cells. <i>Acta Pharmacologica Sinica</i> , 2006 , 27, 1175-84	8	10
2	Induction of differentiation and apoptosis in three human leukemia cell lines by a new compound from <i>Dendrostellera lessertii</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2006 , 38, 477-83	2.8	4
1	3-Hydrogenkwadaphnin from <i>Dendrostellera lessertii</i> induces differentiation and apoptosis in HL-60 cells. <i>Planta Medica</i> , 2005 , 71, 1112-7	3.1	14