

# Majid Mahdavi

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7200706/majid-mahdavi-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Calprotectin (S100A8/S100A9): a key protein between inflammation and cancer. <i>Inflammation Research</i> , <b>2018</b> , 67, 801-812	7.2	90
58	Up regulation of Bax and down regulation of Bcl2 during 3-NC mediated apoptosis in human cancer cells. <i>Cancer Cell International</i> , <b>2015</b> , 15, 55	6.4	79
57	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> , <b>2011</b> , 65, 175-82	7.5	38
56	Helicobacter pylori vacA d1 genotype predicts risk of gastric adenocarcinoma and peptic ulcers in northwestern Iran. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 1575-9	1.7	37
55	Potent anti-angiogenic and cytotoxic effect of conferone on human colorectal adenocarcinoma HT-29 cells. <i>Phytomedicine</i> , <b>2016</b> , 23, 398-405	6.5	36
54	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> , <b>2015</b> , 40, 115-26	1.9	33
53	Farnesiferol C induces cell cycle arrest and apoptosis mediated by oxidative stress in MCF-7 cell line. <i>Toxicology Reports</i> , <b>2017</b> , 4, 420-426	4.8	32
52	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> , <b>2017</b> , 124, 156-165	2.7	30
51	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> , <b>2017</b> , 458, 171-180	2.7	25
50	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> , <b>2019</b> , 47, 737-746	6.1	25
49	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> , <b>2012</b> , 35, 1573-82	6.1	24
48	Induction of apoptosis through tubulin inhibition in human cancer cells by new chromene-based chalcones. <i>Pharmaceutical Biology</i> , <b>2012</b> , 50, 1551-60	3.8	24
47	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> , <b>2016</b> , 260, 232-242	5	24
46	Multispectral studies of DNA binding, antioxidant and cytotoxic activities of a new pyranochromene derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 145, 353-359	4.4	23
45	Development of curcumin-loaded gemini surfactant nanoparticles: Synthesis, characterization and evaluation of anticancer activity against human breast cancer cell lines. <i>Phytomedicine</i> , <b>2019</b> , 57, 183-190	6.5	23
44	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> , <b>2017</b> , 142, 145-154	3.5	21
43	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> , <b>2015</b> , 62, 83-8	2	19

42	Gnidilatimonoein from <i>Daphne mucronata</i> induces differentiation and apoptosis in leukemia cell lines. <i>Archives of Pharmacal Research</i> , <b>2007</b> , 30, 177-81	6.1	17
41	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> , <b>2011</b> , 20, 503-510	2.2	16
40	Synthesis and characterization of FeO-PEG-LAC-chitosan-PEI nanoparticle as a survivin siRNA delivery system. <i>Human and Experimental Toxicology</i> , <b>2017</b> , 36, 227-237	3.4	14
39	3-Hydrogenkwadaphnin from <i>Dendrostellera lessertii</i> induces differentiation and apoptosis in HL-60 cells. <i>Planta Medica</i> , <b>2005</b> , 71, 1112-7	3.1	14
38	Novel polyacrylate-based cationic nanoparticles for survivin siRNA delivery combined with mitoxantrone for treatment of breast cancer. <i>Biologicals</i> , <b>2016</b> , 44, 487-496	1.8	12
37	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> , <b>2021</b> , 163, 105866	5.1	11
36	Guanosine 5'Triphosphate induces differentiation-dependent apoptosis in human leukemia U937 and KG1 cells. <i>Acta Pharmacologica Sinica</i> , <b>2006</b> , 27, 1175-84	8	10
35	Acute and Subchronic Toxicity Study of the Median Septum of in Wistar Rats. <i>Advanced Pharmaceutical Bulletin</i> , <b>2016</b> , 6, 541-549	4.5	10
34	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> , <b>2016</b> , 17, 4267-4273	1.7	10
33	A novel and highly sensitive sandwich-type immunosensor for prostate-specific antigen detection based on MWCNTs-Fe <sub>3</sub> O <sub>4</sub> nanocomposite. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 346, 130459	8.5	9
32	Copper, nickel and zinc complexes of a new water-soluble thiosemicarbazone ligand: Synthesis, characterization, stability and biological evaluation. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 248, 658-667	6	7
31	Metformin protects PC12 cells against oxygen-glucose deprivation/reperfusion injury. <i>Toxicology Mechanisms and Methods</i> , <b>2018</b> , 28, 622-629	3.6	7
30	Investigation on the Binding Mode of 3, 4-Dihydropyrano[c]Chromene Derivative with Double Strand DNA. <i>Advanced Pharmaceutical Bulletin</i> , <b>2015</b> , 5, 477-51	4.5	7
29	Cytotoxic and apoptosis inducing effect of some pyrano [3, 2-c] pyridine derivatives against MCF-7 breast cancer cells. <i>Acta Biochimica Polonica</i> , <b>2018</b> , 65, 397-402	2	6
28	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> , <b>2021</b> , 623, 126719	5.1	6
27	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> , <b>2020</b> , 235, 6660-6672	7	5
26	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> , <b>2020</b> , 25, 383-394	3.7	5
25	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> , <b>2019</b> , 19, 1340-1349	2.2	5

24	The role of KIR positive NK cells in diseases and its importance in clinical intervention. <i>International Immunopharmacology</i> , <b>2021</b> , 92, 107361	5.8	5
23	An Efficient Graphene Quantum Dots-Based Electrochemical Cytosensor for the Sensitive Recognition of CD123 in Acute Myeloid Leukemia Cells. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 16451-16463	4	5
22	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> , <b>2020</b> , 39, 1031-1045	3.4	4
21	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> , <b>2006</b> , 38, 477-83	2.8	4
20	Gemini Curcumin Suppresses Proliferation of Ovarian Cancer OVCAR-3 Cells via Induction of Apoptosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2021</b> , 21, 775-781	2.2	4
19	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> , <b>2021</b> , 123, 47-58	5.3	4
18	DNA-binding activity and cytotoxic and cell-cycle arrest properties of some new coumarin derivatives: a multispectral and computational investigation. <i>Luminescence</i> , <b>2020</b> , 35, 98-106	2.5	4
17	DNA-binding affinity, cytotoxicity, apoptosis, cell cycle inhibition and molecular docking studies of a new stilbene derivative. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2019</b> , 38, 101-118	1.4	3
16	Cytotoxicity, oxidative stress, and apoptosis in K562 leukemia cells induced by an active compound from pyrano-pyridine derivatives. <i>Human and Experimental Toxicology</i> , <b>2018</b> , 37, 1105-1116	3.4	3
15	Studying the relationship between robustness against mutations in metabolic networks and lifestyle of organisms. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 615697	2.2	3
14	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> , <b>2020</b> , 409, 115331	4.6	3
13	Novel N-4-Piperazinyl Ciprofloxacin-Ester Hybrids: Synthesis, Biological Evaluation, and Molecular Docking Studies. <i>Russian Journal of General Chemistry</i> , <b>2020</b> , 90, 1558-1565	0.7	3
12	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> , <b>2020</b> , 10, 125-129	4.5	2
11	Design, synthesis and evaluation of biological activities of some novel anti-TB agents with bio-reducible functional group. <i>BiolImpacts</i> , <b>2019</b> , 9, 199-209	3.5	2
10	Multifunctional Superparamagnetic Nanoparticles: From Synthesis to siRNA Delivery. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 2400-2409	3.3	1
9	Apoptosis-inducing effect of spiroaminopyrimidine analogue in NB4 leukemia cells via down-regulation of BIRC5 expression. <i>Experimental Oncology</i> , <b>2019</b> , 41, 312-317	0.8	1
8	Synthesis and Biological Evaluation of Some Novel 2-Pyrazinoic Acid-derived Esters. <i>Letters in Organic Chemistry</i> , <b>2019</b> , 16, 424-429	0.6	1
7	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> , <b>2020</b> , 39, 960-972	3.4	0

6	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> , <b>2020</b> , 92, 190-196	4.8	o
5	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> , <b>2021</b> , 40, 732-753	1.4	o
4	Apoptotic induction in K562 cell line by new water-soluble complexes of nickel(II) and zinc(II). <i>Polyhedron</i> , <b>2021</b> , 202, 115205	2.7	o
3	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 &amp; Health Services</i> , <b>2019</b> , 41, 14-21	o	
2	The Effects of Sesquiterpene Lactones on the Differentiation of Human or Animal Cells Cultured : A Critical Systematic Review.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 862446	5.6	
1	In vitro study of redroot pigweed effects as weed plant species on leukemia.. <i>Natural Product Research</i> , <b>2021</b> , 1-4	2.3	