

Mohammad Amin Moosavi

List of Publications by Year in descending order

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37
papers

1,292
citations

471371

17
h-index

360920

35
g-index

37
all docs

37
docs citations

37
times ranked

2607
citing authors

#	ARTICLE	IF	CITATIONS
1	Necrotic, apoptotic and autophagic cell fates triggered by nanoparticles. <i>Autophagy</i> , 2019, 15, 4-33.	4.3	266
2	Health Concerns of Various Nanoparticles: A Review of Their in Vitro and in Vivo Toxicity. <i>Nanomaterials</i> , 2018, 8, 634.	1.9	210
3	New frontiers in the treatment of colorectal cancer: Autophagy and the unfolded protein response as promising targets. <i>Autophagy</i> , 2017, 13, 781-819.	4.3	117
4	Photodynamic N-TiO ₂ Nanoparticle Treatment Induces Controlled ROS-mediated Autophagy and Terminal Differentiation of Leukemia Cells. <i>Scientific Reports</i> , 2016, 6, 34413.	1.6	88
5	Phytochemicals as potent modulators of autophagy for cancer therapy. <i>Cancer Letters</i> , 2018, 424, 46-69.	3.2	81
6	ER Stress: A Therapeutic Target in Rheumatoid Arthritis?. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 610-623.	4.0	65
7	Differential effects of Nâ€TiO₂ nanoparticle and its photoâ€activated form on autophagy and necroptosis in human melanoma A375 cells. <i>Journal of Cellular Physiology</i> , 2020, 235, 8246-8259.	2.0	42
8	Autophagy: New Insights into Mechanisms of Action and Resistance of Treatment in Acute Promyelocytic leukemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3559.	1.8	34
9	Exploring the role of non-coding RNAs in autophagy. <i>Autophagy</i> , 2022, 18, 949-970.	4.3	34
10	ERK1/2 inactivation and p38 MAPK-dependent caspase activation during guanosine 5â€triphosphate-mediated terminal erythroid differentiation of K562 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1685-1697.	1.2	33
11	3-Hydrogenkwadaphnin targets inosine 5â€monophosphate dehydrogenase and triggers post-G1 arrest apoptosis in human leukemia cell lines. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 2366-2379.	1.2	32
12	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.	1.7	30
13	TiO ₂ nanoparticles enhance the chemotherapeutic effects of 5-fluorouracil in human AGS gastric cancer cells via autophagy blockade. <i>Life Sciences</i> , 2020, 248, 117466.	2.0	29
14	Potential toxicity of nanoparticles on the reproductive system animal models: A review. <i>Journal of Reproductive Immunology</i> , 2021, 148, 103384.	0.8	29
15	Bottom-up and green-synthesis route of amino functionalized graphene quantum dot as a novel biocompatible and label-free fluorescence probe for in vitro cellular imaging of human ACHN cell lines. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 251, 114452.	1.7	24
16	New insights on the role of autophagy in the pathogenesis and treatment of melanoma. <i>Molecular Biology Reports</i> , 2020, 47, 9021-9032.	1.0	22
17	GTP Induces S-phase Cell-cycle Arrest and Inhibits DNA Synthesis in K562 Cells But Not in Normal Human Peripheral Lymphocytes. <i>BMB Reports</i> , 2006, 39, 492-501.	1.1	18
18	3-Hydrogenkwadaphnin from <i>Dendrostellera lesserti</i> Induces Differentiation and Apoptosis in HL-60 Cells. <i>Planta Medica</i> , 2005, 71, 1112-1117.	0.7	16

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19	Distinct MAPK signaling pathways, p21 up-regulation and caspase-mediated p21 cleavage establishes the fate of U937 cells exposed to 3-hydrogenkwadaphnin: Differentiation versus apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 86-96.	1.3	15
20	Exosomes, autophagy and ER stress pathways in human diseases: Cross-regulation and therapeutic approaches. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166484.	1.8	15
21	Nucleostemin depletion induces post-g1 arrest apoptosis in chronic myelogenous leukemia k562 cells. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 55-60.	0.6	13
22	Guanosine 5'-triphosphate induces differentiation-dependent apoptosis in human leukemia U937 and KG1 cells. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1175-1184.	2.8	10
23	Nucleostemin knocking-down causes cell cycle arrest and apoptosis in human T-cell acute lymphoblastic leukemia MOLT-4 cells via p53 and p21 ^{Waf1/Cip1} up-regulation. <i>Hematology</i> , 2014, 19, 455-462.	0.7	10
24	The Cytotoxic and Anti-proliferative Effects of 3-Hydrogenkwadaphnin in K562 and Jurkat Cells Is Reduced by Guanosine. <i>BMB Reports</i> , 2005, 38, 391-398.	1.1	10
25	Combination therapy with TiO ₂ nanoparticles and cisplatin enhances chemotherapy response in murine melanoma models. <i>Clinical and Translational Oncology</i> , 2021, 23, 738-749.	1.2	8
26	Effects of different autophagy inhibitors on sensitizing KG1 and HL60 leukemia cells to chemotherapy. <i>IUBMB Life</i> , 2021, 73, 130-145.	1.5	8
27	Nucleostemin silencing induces differentiation and potentiates all- trans -retinoic acid effects in human acute promyelocytic leukemia NB4 cells via autophagy. <i>Leukemia Research</i> , 2017, 63, 15-21.	0.4	7
28	3-Hydrogenkwadaphnin Induces Monocytic Differentiation and Enhances Retinoic Acid-mediated Granulocytic Differentiation in NB4 Cell Line. <i>BMB Reports</i> , 2006, 39, 722-729.	1.1	6
29	TRAIL Triggers CRAC-Dependent Calcium Influx and Apoptosis through the Recruitment of Autophagy Proteins to Death-Inducing Signaling Complex. <i>Cells</i> , 2022, 11, 57.	1.8	5
30	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, 477-483.	0.9	4
31	A siRNA-based method for efficient silencing of PYROXD1 gene expression in the colon cancer cell line HCT116. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19310-19317.	1.2	3
32	The Increased RNase Activity of IRE1 α in PBMCs from Patients with Rheumatoid Arthritis. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 505-509.	0.6	3
33	Different Concentrations of Titanium Dioxide Nanoparticles Induce Autophagy Followed by Growth Inhibition or Cell Death in A375 Melanoma Cells. <i>Journal of Skin and Stem Cell</i> , 2017, In Press, .	0.1	2
34	Retrodifferentiation: A potential strategy for stem cell therapy of leukemic patients. <i>Medical Hypotheses</i> , 2007, 69, 1384-1385.	0.8	1
35	A bio-mimetic zinc/tau protein as an artificial catalase. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 1307-1312.	3.6	1
36	Modeling and structural analysis of human Guanine nucleotide-binding protein-like 3, nucleostemin. <i>Bioinformatics</i> , 2015, 11, 353-358.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Evaluating Effects of Nitrogen-Doped-Titanium Dioxide in Photodynamic Therapy of Breast Cancer MCF-7 Cells. BihdÄd, 2018, 7, 77-88.	0.1	0