

Amaneh Mohammadi Roushandeh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4138201/publications.pdf>

Version: 2024-02-01

68
papers

1,724
citations

270111

25
h-index

340414

39
g-index

71
all docs

71
docs citations

71
times ranked

2711
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological Targeting of Ferroptosis in Cancer Treatment. <i>Current Cancer Drug Targets</i> , 2022, 22, 108-125.	0.8	7
2	Oxytocin ameliorates KCC2 decrease induced by oral bacteria-derived LPS that affect rat primary cultured cells and PC-12 cells. <i>Peptides</i> , 2022, 150, 170734.	1.2	7
3	Non-coding RNAs in ferroptotic cancer cell death pathway: meet the new masters. <i>Human Cell</i> , 2022, 35, 972-994.	1.2	13
4	Plumping up a Cushion of Human Biowaste in Regenerative Medicine: Novel Insights into a State-of-the-Art Reserve Arsenal. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2709-2739.	1.7	2
5	CRISPR/Cas9-mediated knockout of Lcn2 in human breast cancer cell line MDA-MB-231 ameliorates erastin-mediated ferroptosis and increases cisplatin vulnerability. <i>Life Sciences</i> , 2022, 304, 120704.	2.0	14
6	Conditioned medium harvested from Hif1 α engineered mesenchymal stem cells ameliorates LAD-occlusion -induced injury in rat acute myocardial ischemia model. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 130, 105897.	1.2	5
7	Taming of Covid-19: potential and emerging application of mesenchymal stem cells. <i>Cytotechnology</i> , 2021, 73, 253-298.	0.7	2
8	MiR-7-5p Is Involved in Ferroptosis Signaling and Radioresistance Thru the Generation of ROS in Radioresistant HeLa and SAS Cell Lines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8300.	1.8	40
9	Mitochondrial Dysfunction in Diseases, Longevity, and Treatment Resistance: Tuning Mitochondria Function as a Therapeutic Strategy. <i>Genes</i> , 2021, 12, 1348.	1.0	9
10	SA/G hydrogel containing NRF2-engineered HEK-293-derived CM improves wound healing efficacy of WJ-MSCs in a rat model of excision injury. <i>Journal of Tissue Viability</i> , 2021, 30, 527-536.	0.9	5
11	Dimethyl fumarate prevents cytotoxicity and apoptosis mediated by oxidative stress in human adipose-derived mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2021, 48, 6375-6385.	1.0	2
12	Cashing in on ferroptosis against tumor cells: Usher in the next chapter. <i>Life Sciences</i> , 2021, 285, 119958.	2.0	14
13	Decreased mitochondrial membrane potential is an indicator of radioresistant cancer cells. <i>Life Sciences</i> , 2021, 286, 120051.	2.0	14
14	Mesenchymal stem cells-derived mitochondria transplantation mitigates I/R-induced injury, abolishes I/R-induced apoptosis, and restores motor function in acute ischemia stroke rat model. <i>Brain Research Bulletin</i> , 2020, 165, 70-80.	1.4	44
15	Mitochondrial dysfunction promotes aquaporin expression that controls hydrogen peroxide permeability and ferroptosis. <i>Free Radical Biology and Medicine</i> , 2020, 161, 60-70.	1.3	62
16	Transplantation of Umbilical Cord-Derived Mesenchymal Stem Cells Overexpressing Lipocalin 2 Ameliorates Ischemia-Induced Injury and Reduces Apoptotic Death in a Rat Acute Myocardial Infarction Model. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 968-978.	1.7	8
17	SA/G hydrogel containing hCAP-18/LL-37-engineered WJ-MSCs-derived conditioned medium promoted wound healing in rat model of excision injury. <i>Life Sciences</i> , 2020, 261, 118381.	2.0	22
18	The Effects of Hydrogen Peroxide and/or Radiation on the Survival of Clinically Relevant Radioresistant Cells. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382098007.	0.8	6

#	ARTICLE	IF	CITATIONS
19	Transfer of healthy fibroblast-derived mitochondria to HeLa and SAS cells recovers the proliferation capabilities of these cancer cells under conventional culture medium, but increase their sensitivity to cisplatin-induced apoptotic death. <i>Molecular Biology Reports</i> , 2020, 47, 4401-4411.	1.0	13
20	Implication and role of neutrophil gelatinase-associated lipocalin in cancer: lipocalin-2 as a potential novel emerging comprehensive therapeutic target for a variety of cancer types. <i>Molecular Biology Reports</i> , 2020, 47, 2327-2346.	1.0	27
21	Mitochondrial characteristics contribute to proliferation and migration potency of MDA-MB-231 cancer cells and their response to cisplatin treatment. <i>Life Sciences</i> , 2020, 244, 117339.	2.0	20
22	Disturbance in the regulation of miR 17-92 cluster on HIF-1 α expression contributes to clinically relevant radioresistant cells: an in vitro study. <i>Cytotechnology</i> , 2020, 72, 141-153.	0.7	7
23	Mitochondrial transplantation ameliorates ischemia/reperfusion-induced kidney injury in rat. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165809.	1.8	44
24	MS14 Down-regulates Lipocalin2 Expression in Spinal Cord Tissue in an Animal Model of Multiple Sclerosis in Female C57BL/6. <i>Iranian Biomedical Journal</i> , 2020, 24, 404-404.	0.4	1
25	Mitochondrial transplantation as a potential and novel master key for treatment of various incurable diseases. <i>Cytotechnology</i> , 2019, 71, 647-663.	0.7	53
26	CRISPR/Cas9-mediated knockout of Lcn2 effectively enhanced CDDP-induced apoptosis and reduced cell migration capacity of PC3 cells. <i>Life Sciences</i> , 2019, 231, 116586.	2.0	36
27	Melatonin-pretreated adipose-derived mesenchymal stem cells efficiently improved learning, memory, and cognition in an animal model of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2019, 34, 1131-1143.	1.4	37
28	Mesenchymal stem cell-based therapy for autoimmune diseases: emerging roles of extracellular vesicles. <i>Molecular Biology Reports</i> , 2019, 46, 1533-1549.	1.0	70
29	Comparison of The Melatonin Preconditioning Efficacy between Bone Marrow and Adipose-Derived Mesenchymal Stem Cells. <i>Cell Journal</i> , 2019, 20, 450-458.	0.2	21
30	Cell Survival Effects of Autophagy Regulation on Umbilical Cord-Derived Mesenchymal Stem Cells Following Exposure to Oxidative Stress. <i>Iranian Journal of Medical Sciences</i> , 2019, 44, 493-500.	0.3	3
31	Mesenchymal Stem Cells on Horizon: A New Arsenal of Therapeutic Agents. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 484-499.	5.6	69
32	Sublethal concentration of H ₂ O ₂ enhances the protective effect of mesenchymal stem cells in rat model of spinal cord injury. <i>Biotechnology Letters</i> , 2018, 40, 609-615.	1.1	17
33	Lipocalin 2 enhances mesenchymal stem cell-based cell therapy in acute kidney injury rat model. <i>Cytotechnology</i> , 2018, 70, 103-117.	0.7	19
34	Dual Preconditioning: A Novel Strategy to Withstand Mesenchymal Stem Cells against Harsh Microenvironments. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 465-470.	0.6	14
35	The Role of Melatonin Preconditioning on Survival of Bone Marrow-Derived Mesenchymal Stem Cells in Differentiation to Osteoblasts. <i>Iranian Red Crescent Medical Journal</i> , 2018, In Press, .	0.5	1
36	Mesenchymal Stem Cell-based Therapy as a New Horizon for Kidney Injuries. <i>Archives of Medical Research</i> , 2017, 48, 133-146.	1.5	36

#	ARTICLE	IF	CITATIONS
37	Clinically relevant radioresistant cell line: a simple model to understand cancer radioresistance. <i>Medical Molecular Morphology</i> , 2017, 50, 195-204.	0.4	38
38	Nucleosome remodelling, DNA repair and transcriptional regulation build negative feedback loops in cancer and cellular ageing. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160473.	1.8	23
39	Deregulation of miR-93 and miR-143 in human esophageal cancer. <i>Tumor Biology</i> , 2016, 37, 3097-3103.	0.8	39
40	Down-regulation of the autophagy gene, <i>ATG7</i> , protects bone marrow-derived mesenchymal stem cells from stressful conditions. <i>Blood Research</i> , 2015, 50, 80.	0.5	28
41	Effect of a high fat diet on ovary morphology, in vitro development, in vitro fertilisation rate and oocyte quality in mice. <i>Singapore Medical Journal</i> , 2015, 56, 573-579.	0.3	41
42	Positive selection of Wharton's jelly-derived CD105 ⁺ cells by MACS technique and their subsequent cultivation under suspension culture condition: A simple, versatile culturing method to enhance the multipotentiality of mesenchymal stem cells. <i>Hematology</i> , 2015, 20, 208-216.	0.7	13
43	Protective effects of restricted diet and antioxidants on testis tissue in rats fed with high-fat diet. <i>Iranian Biomedical Journal</i> , 2015, 19, 96-101.	0.4	18
44	The Lcn2-engineered HEK-293 cells show senescence under stressful condition. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 459-64.	1.0	3
45	MS14, a Marine Herbal Medicine, an Immunosuppressive Drug in Experimental Autoimmune Encephalomyelitis. <i>Iranian Red Crescent Medical Journal</i> , 2014, 16, e16956.	0.5	5
46	Protective Effects of Antioxidants on Sperm Parameters and Seminiferous Tubules Epithelium in High Fat-fed Rats. <i>Journal of Reproduction and Infertility</i> , 2014, 15, 22-8.	1.0	35
47	MS14 down-regulates lipocalin2 expression in spinal cord tissue in an animal model of multiple sclerosis in female C57BL/6. <i>Iranian Biomedical Journal</i> , 2014, 18, 196-202.	0.4	6
48	Melatonin improves development of early mouse embryos impaired by actinomycin-D and TNF- α . <i>Iranian Journal of Reproductive Medicine</i> , 2014, 12, 799-804.	0.8	7
49	Nrf-2 overexpression in mesenchymal stem cells reduces oxidative stress-induced apoptosis and cytotoxicity. <i>Cell Stress and Chaperones</i> , 2012, 17, 553-565.	1.2	119
50	Adenovirus-mediated expression of the HO-1 protein within MSCs decreased cytotoxicity and inhibited apoptosis induced by oxidative stresses. <i>Cell Stress and Chaperones</i> , 2012, 17, 181-190.	1.2	43
51	Degenerative effect of Cisplatin on testicular germinal epithelium. <i>Advanced Pharmaceutical Bulletin</i> , 2012, 2, 173-7.	0.6	29
52	Neutrophil gelatinase-associated lipocalin: A new antioxidant that exerts its cytoprotective effect independent on Heme Oxygenase-1. <i>Free Radical Research</i> , 2011, 45, 810-819.	1.5	57
53	Effects of Polygonum aviculare Herbal Extract on Sperm Parameters after EMF Exposure in Mouse. <i>Pakistan Journal of Biological Sciences</i> , 2011, 14, 720-724.	0.2	21
54	The expression of heme oxygenase-1 in human-derived cancer cell lines. <i>Iranian Journal of Medical Sciences</i> , 2011, 36, 260-5.	0.3	11

#	ARTICLE	IF	CITATIONS
55	Down-regulation of metallothionein 1 and 2 after exposure to electromagnetic field in mouse testis. Iranian Biomedical Journal, 2011, 15, 151-6.	0.4	2
56	Neutrophil Gelatinase-Associated Lipocalin induces the expression of heme oxygenase-1 and superoxide dismutase 1, 2. Cell Stress and Chaperones, 2010, 15, 395-403.	1.2	49
57	High-level expression of functional recombinant human coagulation factor VII in insect cells. Biotechnology Letters, 2010, 32, 803-809.	1.1	10
58	Effects of leukemia inhibitory factor on gp130 expression and rate of metaphase II development during in vitro maturation of mouse oocyte. Iranian Biomedical Journal, 2010, 14, 103-7.	0.4	3
59	Lipocalin 2 regulation by thermal stresses: Protective role of Lcn2/NGAL against cold and heat stresses. Experimental Cell Research, 2009, 315, 3140-3151.	1.2	55
60	Establishment of a cell line expressing recombinant factor VII and its subsequent conversion to active form FVIIa through hepsin by genetic engineering method. Vox Sanguinis, 2009, 96, 309-315.	0.7	13
61	Expression and purification of recombinant human coagulation factor VII fused to a histidine tag using Gateway technology. Blood Transfusion, 2009, 7, 305-12.	0.3	4
62	Upregulation of Neutrophil Gelatinase-associated Lipocalin, NGAL/Lcn2, in β^2 -Thalassemia Patients. Archives of Medical Research, 2008, 39, 402-407.	1.5	34
63	Neutrophil Gelatinase-associated Lipocalin Acts as a Protective Factor against H ₂ O ₂ Toxicity. Archives of Medical Research, 2008, 39, 560-566.	1.5	92
64	Induction of apoptosis on K562 cell line and double strand breaks on colon cancer cell line expressing high affinity receptor for granulocyte macrophage-colony stimulating factor (GM-CSF). Iranian Biomedical Journal, 2008, 12, 1-6.	0.4	1
65	Oxidative Stress Induced Lipocalin 2 Gene Expression: Addressing its Expression under the Harmful Conditions. Journal of Radiation Research, 2007, 48, 39-44.	0.8	142
66	Effects of cysteamine on in vitro maturation of mouse oocytes (IVM) in two media. Toxicology Letters, 2007, 172, S234.	0.4	1
67	Recombinant hybrid protein, Shiga toxin and granulocyte macrophage colony stimulating factor effectively induce apoptosis of colon cancer cells. World Journal of Gastroenterology, 2006, 12, 2341.	1.4	6
68	Study of Three Potential Diagnostic Biomarkers in Nasopharyngeal Carcinoma Samples from Guilan, North of Iran. International Archives of Otorhinolaryngology, 0, , .	0.3	0