

Ezzatollah Fathi

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,202
citations

279487

23
h-index

377514

34
g-index

52
all docs

52
docs citations

52
times ranked

1326
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem cell-based regenerative medicine. <i>Stem Cell Investigation</i> , 2019, 6, 19-19.	1.3	125
2	Curcumin Affects Adipose Tissue-Derived Mesenchymal Stem Cell Aging Through TERT Gene Expression. <i>Drug Research</i> , 2018, 68, 213-221.	0.7	68
3	Mesenchymal Stem Cells Could Be Considered as a Candidate for Further Studies in Cell-Based Therapy of Alzheimer's Disease via Targeting the Signaling Pathways. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1424-1435.	1.7	56
4	Alginate/gelatin encapsulation promotes NK cells differentiation potential of bone marrow resident C-kit+ hematopoietic stem cells. <i>International Journal of Biological Macromolecules</i> , 2021, 177, 317-327.	3.6	55
5	Cytokines secreted from bone marrow derived mesenchymal stem cells promote apoptosis and change cell cycle distribution of K562 cell line as clinical agent in cell transplantation. <i>PLoS ONE</i> , 2019, 14, e0215678.	1.1	54
6	Enhancement of osteogenic differentiation of rat adipose tissue-derived mesenchymal stem cells by zinc sulphate under electromagnetic field via the PKA, ERK1/2 and Wnt/ β -catenin signaling pathways. <i>PLoS ONE</i> , 2017, 12, e0173877.	1.1	50
7	Telomere shortening as a hallmark of stem cell senescence. <i>Stem Cell Investigation</i> , 2019, 6, 7-7.	1.3	49
8	Zinc sulfate contributes to promote telomere length extension via increasing telomerase gene expression, telomerase activity and change in the TERT gene promoter CpG island methylation status of human adipose-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2017, 12, e0188052.	1.1	46
9	Mesenchymal stem cells in acute myeloid leukemia: a focus on mechanisms involved and therapeutic concepts. <i>Blood Research</i> , 2019, 54, 165-174.	0.5	43
10	Silver nanoparticles induce the cardiomyogenic differentiation of bone marrow derived mesenchymal stem cells via telomere length extension. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 786-797.	1.5	43
11	Cardiac differentiation of bone-marrow-resident c-kit+ stem cells by L-carnitine increases through secretion of VEGF, IL6, IGF-1, and TGF- β 2 as clinical agents in cardiac regeneration. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	42
12	Induction of angiogenesis via topical delivery of basic-fibroblast growth factor from polyvinyl alcohol-dextran blend hydrogel in an ovine model of acute myocardial infarction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 697-707.	1.3	41
13	Interleukin-6, -8, and TGF- β 2 Secreted from Mesenchymal Stem Cells Show Functional Role in Reduction of Telomerase Activity of Leukemia Cell Via Wnt5a/ β -Catenin and P53 Pathways. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 307-314.	0.6	37
14	L-carnitine Extends the Telomere Length of the Cardiac Differentiated CD117+/- Expressing Stem Cells. <i>Tissue and Cell</i> , 2020, 67, 101429.	1.0	36
15	Zinc Sulphate Mediates the Stimulation of Cell Proliferation of Rat Adipose Tissue-Derived Mesenchymal Stem Cells Under High Intensity of EMF Exposure. <i>Biological Trace Element Research</i> , 2018, 184, 529-535.	1.9	34
16	Anti-aging protective effect of L-carnitine as clinical agent in regenerative medicine through increasing telomerase activity and change in the hTERT promoter CpG island methylation status of adipose tissue-derived mesenchymal stem cells. <i>Tissue and Cell</i> , 2018, 54, 105-113.	1.0	34
17	A Mini Overview of Isolation, Characterization and Application of Amniotic Fluid Stem Cells. <i>International Journal of Stem Cells</i> , 2015, 8, 115-120.	0.8	33
18	L-carnitine Effectively Induces hTERT Gene Expression of Human Adipose Tissue-derived Mesenchymal Stem Cells Obtained from the Aged Subjects. <i>International Journal of Stem Cells</i> , 2016, 9, 107-114.	0.8	33

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19	L-carnitine significantly decreased aging of rat adipose tissue-derived mesenchymal stem cells. <i>Veterinary Research Communications</i> , 2017, 41, 41-47.	0.6	32
20	An update clinical application of amniotic fluid-derived stem cells (AFSCs) in cancer cell therapy and tissue engineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 765-774.	1.9	31
21	Immunophenotypic characterization, multi-lineage differentiation and aging of zebrafish heart and liver tissue-derived mesenchymal stem cells as a novel approach in stem cell-based therapy. <i>Tissue and Cell</i> , 2019, 57, 15-21.	1.0	31
22	L-carnitine contributes to enhancement of neurogenesis from mesenchymal stem cells through Wnt/ β^2 -catenin and PKA pathway. <i>Experimental Biology and Medicine</i> , 2017, 242, 482-486.	1.1	30
23	Isolation, Culturing, Characterization and Aging of Adipose Tissue-derived Mesenchymal Stem Cells: A Brief Overview. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	26
24	A general view of CD33 ⁺ leukemic stem cells and CAR-T cells as interesting targets in acute myeloblastic leukemia therapy. <i>Blood Research</i> , 2020, 55, 10-16.	0.5	21
25	Mesenchymal Stem Cells Promote Caspase Expression in Molt-4 Leukemia Cells Via GSK-3 β and ERK1/2 Signaling Pathways as a Therapeutic Strategy. <i>Current Gene Therapy</i> , 2021, 21, 81-88.	0.9	21
26	Cardiac differentiation of bone-marrow-resident c-kit stem cells by L-carnitine increases through secretion of VEGF, IL6, IGF-1, and TGF- β^2 as clinical agents in cardiac regeneration. <i>Journal of Biosciences</i> , 2020, 45, .	0.5	20
27	Mesenchymal stem cells promote caspase-3 expression of SH-SY5Y neuroblastoma cells via reducing telomerase activity and telomere length.. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1583-1589.	1.0	11
28	Effect of Rat Bone Marrow Derived-Mesenchymal Stem Cells on Granulocyte Differentiation of Mononuclear Cells as Preclinical Agent in Cellbased Therapy. <i>Current Gene Therapy</i> , 2022, 22, 152-161.	0.9	10
29	Curcumin and Nanocurcumin Oral Supplementation Improve Muscle Healing in a Rat Model of Surgical Muscle Laceration. <i>Bulletin of Emergency and Trauma</i> , 2019, 7, 292-299.	0.4	10
30	Cytokines and signaling pathways involved in differentiation potential of hematopoietic stem cells towards natural killer cells. <i>Tissue and Cell</i> , 2021, 70, 101501.	1.0	9
31	Cellular and Molecular Mechanisms Involved in Hematopoietic Stem Cell Aging as a Clinical Prospect. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	9
32	An overview of the myocardial regeneration potential of cardiac c-Kit ⁺ progenitor cells via PI3K and MAPK signaling pathways. <i>Future Cardiology</i> , 2020, 16, 199-209.	0.5	7
33	Targeting the Proliferation Inhibition of Chronic Myeloid Leukemia Cells by Bone Marrow Derived-Mesenchymal Stem Cells via ERK Pathway as a Therapeutic Strategy. <i>Acta Medica Iranica</i> , 0, , .	0.8	7
34	Rat adipose-derived mesenchymal stem cells aging reduction by zinc sulfate under extremely low frequency electromagnetic field exposure is associated with increased telomerase reverse transcriptase gene expression. <i>Veterinary Research Forum</i> , 2017, 8, 89-96.	0.3	6
35	Comparative study of gavage and intraperitoneal administration of gamma-oryzanol in alleviation/attenuation in a rat animal model of renal ischemia/reperfusion-induced injury. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 175-183.	1.0	6
36	Nanomaterials and Stem Cell Differentiation Potential: An Overview of Biological Aspects and Biomedical Efficacy. <i>Current Medicinal Chemistry</i> , 2022, 29, 1804-1823.	1.2	5

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37	The Potential of Graphene Oxide and Reduced Graphene Oxide in Diagnosis and Treatment of Cancer. <i>Current Medicinal Chemistry</i> , 2022, 29, 4529-4546.	1.2	5
38	Epigenetic Modifications in Acute Lymphoblastic Leukemia: From Cellular Mechanisms to Therapeutics. <i>Current Gene Therapy</i> , 2021, 21, 60-71.	0.9	4
39	Hepatoprotective effects of sericin on aging-induced liver damage in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 2441-2450.	1.4	4
40	Occurrence of congenital cerebral theileriosis in a newborn twin Holstein calves in Iran: Case report. <i>Veterinary Research Forum</i> , 2014, 5, 237-41.	0.3	4
41	Approach to treatment of bronchopneumonia by evaluation of selected acute-phase proteins in calf herds. <i>Comparative Clinical Pathology</i> , 2013, 22, 125-129.	0.3	3
42	Mesenchymal Stem Cells and Cancer Stem Cells: An Overview of Tumor- Mesenchymal Stem Cell Interaction for Therapeutic Interventions. <i>Current Drug Targets</i> , 2022, 23, 60-71.	1.0	3
43	Comparison of selected biochemical parameters between naturally infected and non-infected goats with <i>Anaplasma ovis</i> . <i>Comparative Clinical Pathology</i> , 2014, 23, 989-992.	0.3	2
44	Mesenchymal Stem Cells cause Telomere Length Reduction of Molt-4 Cells via Caspase-3, BAD and P53 Apoptotic Pathway. <i>International Journal of Molecular and Cellular Medicine</i> , 2021, 10, 113-122.	1.1	2
45	Haemobartonella felis in Tehran: follow-up, diagnosis, prevalence, clinical importance, laboratory evaluation, prognosis, and treatment of 23 infected cats (2003-2007). <i>Comparative Clinical Pathology</i> , 2010, 19, 339-343.	0.3	1
46	Application of acute phase proteins as indicators of retained placenta and their relation to energy metabolites in postcalving dairy cows. <i>Comparative Clinical Pathology</i> , 2015, 24, 47-51.	0.3	1
47	Adipose tissue-mesenchymal stem cells caused to change the methylation status of hTERT gene promoter CpG islands of Molt-4 leukemia cells as cell-based therapy. <i>Current Molecular Medicine</i> , 2022, 22, .	0.6	1
48	Hematopoietic Stem Cells Characteristics: From Isolation to Transplantation. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, 407-414.	0.6	1
49	Follow-up examination in a cat with hypereosinophilic syndrome: case report. <i>Comparative Clinical Pathology</i> , 2010, 19, 115-118.	0.3	0
50	L-carnitine reduced cellular aging of bone marrow resident C-kit+ hematopoietic stem cells through telomere dependent pathways. <i>Current Stem Cell Research and Therapy</i> , 2022, 17, .	0.6	0