Ezzatollah Fathi

List of Publications by Year
in descending order

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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	Effect of Rat Bone Marrow Derived-Mesenchymal Stem Cells on Granulocyte Differentiation of Mononuclear Cells as Preclinical Agent in Cellbased Therapy. Current Gene Therapy, 2022, 22, 152-161.	0.9	10
2	Nanomaterials and Stem Cell Differentiation Potential: An Overview of Biological Aspects and Biomedical Efficacy. Current Medicinal Chemistry, 2022, 29, 1804-1823.	1.2	5
3	Mesenchymal Stem Cells and Cancer Stem Cells: An Overview of Tumor- Mesenchymal Stem Cell Interaction for Therapeutic Interventions. Current Drug Targets, 2022, 23, 60-71.	1.0	3
4	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. Current Molecular Medicine, 2022, 22, .	0.6	1
5	Hematopoietic Stem Cells Characteristics: From Isolation to Transplantation. Current Stem Cell Research and Therapy, 2022, 17, 407-414.	0.6	1
6	The Potential of Graphene Oxide and Reduced Graphene Oxide in Diagnosis and Treatment of Cancer. Current Medicinal Chemistry, 2022, 29, 4529-4546.	1.2	5
7	Cellular and Molecular Mechanisms Involved in Hematopoietic Stem Cell Aging as a Clinical Prospect. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-13.	1.9	9
8	L-carnitine reduced cellular aging of bone marrow resident C-kit+ hematopoietic stem cells through telomere dependent pathways. Current Stem Cell Research and Therapy, 2022, 17, .	0.6	0
9	Epigenetic Modifications in Acute Lymphoblastic Leukemia: From Cellular Mechanisms to Therapeutics. Current Gene Therapy, 2021, 21, 60-71.	0.9	4
10	Mesenchymal Stem Cells Promote Caspase Expression in Molt-4 Leukemia Cells Via GSK-3Î±/Î² and ERK1/2 Signaling Pathways as a Therapeutic Strategy. Current Gene Therapy, 2021, 21, 81-88.	0.9	21
11	Alginate/gelatin encapsulation promotes NK cells differentiation potential of bone marrow resident C-kit+ hematopoietic stem cells. International Journal of Biological Macromolecules, 2021, 177, 317-327.	3.6	55
12	Cytokines and signaling pathways involved in differentiation potential of hematopoietic stem cells towards natural killer cells. Tissue and Cell, 2021, 70, 101501.	1.0	9
13	Silver nanoparticles induce the cardiomyogenic differentiation of bone marrow derived mesenchymal stem cells via telomere length extension. Beilstein Journal of Nanotechnology, 2021, 12, 786-797.	1.5	43
14	Hepatoprotective effects of sericin on aging-induced liver damage in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 2441-2450.	1.4	4
15	Comparative study of gavage and intraperitoneal administration of gamma-oryzanol in alleviation/attenuation in a rat animal model of renal ischemia/reperfusion-induced injury. Iranian Journal of Basic Medical Sciences, 2021, 24, 175-183.	1.0	6
16	Mesenchymal Stem Cells cause Telomere Length Reduction of Molt-4 Cells via Caspase-3, BAD and P53 Apoptotic Pathway. International Journal of Molecular and Cellular Medicine, 2021, 10, 113-122.	1.1	2
17	Mesenchymal stem cells promote caspase-3 expression of SH-SY5Y neuroblastoma cells via reducing telomerase activity and telomere length.. Iranian Journal of Basic Medical Sciences, 2021, 24, 1583-1589.	1.0	11
18	L-carnitine Extends the Telomere Length of the Cardiac Differentiated CD117+- Expressing Stem Cells. Tissue and Cell, 2020, 67, 101429.	1.0	36

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19	Cardiac differentiation of bone-marrow-resident c-kit+ stem cells by L-carnitine increases through secretion of VEGF, IL6, IGF-1, and TGF-Î² as clinical agents in cardiac regeneration. Journal of Biosciences, 2020, 45, 1.	0.5	42
20	An overview of the myocardial regeneration potential of cardiac c-Kit⁺ progenitor cells via PI3K and MAPK signaling pathways. Future Cardiology, 2020, 16, 199-209.	0.5	7
21	Mesenchymal Stem Cells Could Be Considered as a Candidate for Further Studies in Cell-Based Therapy of Alzheimerâ€™s Disease via Targeting the Signaling Pathways. ACS Chemical Neuroscience, 2020, 11, 1424-1435.	1.7	56
22	A general view of CD33⁺leukemic stem cells and CAR-T cells as interesting targets in acute myeloblatsic leukemia therapy. Blood Research, 2020, 55, 10-16.	0.5	21
23	Interleukin-6, -8, and TGF-Î² Secreted from Mesenchymal Stem Cells Show Functional Role in Reduction of Telomerase Activity of Leukemia Cell Via Wnt5a/Î²-Catenin and P53 Pathways. Advanced Pharmaceutical Bulletin, 2020, 10, 307-314.	0.6	37
24	Cardiac differentiation of bone-marrow-resident c-kit stem cells by L-carnitine increases through secretion of VEGF, IL6, IGF-1, and TGF- Î² as clinical agents in cardiac regeneration. Journal of Biosciences, 2020, 45, .	0.5	20
25	Stem cell-based regenerative medicine. Stem Cell Investigation, 2019, 6, 19-19.	1.3	125
26	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. PLoS ONE, 2019, 14, e0215678.	1.1	54
27	Telomere shortening as a hallmark of stem cell senescence. Stem Cell Investigation, 2019, 6, 7-7.	1.3	49
28	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. Tissue and Cell, 2019, 57, 15-21.	1.0	31
29	Mesenchymal stem cells in acute myeloid leukemia: a focus on mechanisms involved and therapeutic concepts. Blood Research, 2019, 54, 165-174.	0.5	43
30	Curcumin and Nanocurcumin Oral Supplementation Improve Muscle Healing in a Rat Model of Surgical Muscle Laceration. Bulletin of Emergency and Trauma, 2019, 7, 292-299.	0.4	10
31	Curcumin Affects Adipose Tissue-Derived Mesenchymal Stem Cell Aging Through TERT Gene Expression. Drug Research, 2018, 68, 213-221.	0.7	68
32	Zinc Sulphate Mediates the Stimulation of Cell Proliferation of Rat Adipose Tissue-Derived Mesenchymal Stem Cells Under High Intensity of EMF Exposure. Biological Trace Element Research, 2018, 184, 529-535.	1.9	34
33	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. Tissue and Cell, 2018, 54, 105-113.	1.0	34
34	L-carnitine contributes to enhancement of neurogenesis from mesenchymal stem cells through Wnt/Î²-catenin and PKA pathway. Experimental Biology and Medicine, 2017, 242, 482-486.	1.1	30
35	L-carnitine significantly decreased aging of rat adipose tissue-derived mesenchymal stem cells. Veterinary Research Communications, 2017, 41, 41-47.	0.6	32
36	An update clinical application of amniotic fluid-derived stem cells (AFSCs) in cancer cell therapy and tissue engineering. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 765-774.	1.9	31

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37	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/Î²-catenin signaling pathways. PLoS ONE, 2017, 12, e0173877.	1.1	50
38	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. PLoS ONE, 2017, 12, e0188052.	1.1	46
39	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. Veterinary Research Forum, 2017, 8, 89-96.	0.3	6
40	Isolation, Culturing, Characterization and Aging of Adipose Tissue-derived Mesenchymal Stem Cells: A Brief Overview. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	26
41	L-carnitine Effectively InduceshTERTGene Expression of Human Adipose Tissue-derived Mesenchymal Stem Cells Obtained from the Aged Subjects. International Journal of Stem Cells, 2016, 9, 107-114.	0.8	33
42	A Mini Overview of Isolation, Characterization and Application of Amniotic Fluid Stem Cells. International Journal of Stem Cells, 2015, 8, 115-120.	0.8	33
43	Application of acute phase proteins as indicators of retained placenta and their relation to energy metabolites in postcalving dairy cows. Comparative Clinical Pathology, 2015, 24, 47-51.	0.3	1
44	Comparison of selected biochemical parameters between naturally infected and non-infected goats with Anaplasma ovis. Comparative Clinical Pathology, 2014, 23, 989-992.	0.3	2
45	Occurrence of congenital cerebral theileriosis in a newborn twin Holstein calves in Iran: Case report. Veterinary Research Forum, 2014, 5, 237-41.	0.3	4
46	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. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 697-707.	1.3	41
47	Approach to treatment of bronchopneumonia by evaluation of selected acute-phase proteins in calf herds. Comparative Clinical Pathology, 2013, 22, 125-129.	0.3	3
48	Follow-up examination in a cat with hypereosinophilic syndrome: case report. Comparative Clinical Pathology, 2010, 19, 115-118.	0.3	0
49	Haemobartonella felis in Tehran: follow-up, diagnosis, prevalence, clinical importance, laboratory evaluation, prognosis, and treatment of 23 infected cats (2003â€“2007). Comparative Clinical Pathology, 2010, 19, 339-343.	0.3	1
50	Targeting the Proliferation Inhibition of Chronic Myeloid Leukemia Cells by Bone Marrow Derived-Mesenchymal Stem Cells via ERK Pathway as a Therapeutic Strategy. Acta Medica Iranica, 0, , .	0.8	7