

Abdollah Amini

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

936
citations

430442

18
h-index

580395

25
g-index

70
all docs

70
docs citations

70
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereological and molecular studies on the combined effects of photobiomodulation and human bone marrow mesenchymal stem cell conditioned medium on wound healing in diabetic rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 182, 42-51.	1.7	43
2	The effect of combined photobiomodulation and curcumin on skin wound healing in type I diabetes in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 181, 23-30.	1.7	40
3	Transplantation of photobiomodulation-preconditioned diabetic stem cells accelerates ischemic wound healing in diabetic rats. <i>Stem Cell Research and Therapy</i> , 2020, 11, 494.	2.4	38
4	The Effect of Combined Pulsed Wave Low-Level Laser Therapy and Human Bone Marrow Mesenchymal Stem Cell-Conditioned Medium on Open Skin Wound Healing in Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 345-354.	2.1	35
5	Photobiomodulation with 630 plus 810 nm wavelengths induce more in vitro cell viability of human adipose stem cells than human bone marrow-derived stem cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111658.	1.7	34
6	Combined therapy of photobiomodulation and adipose-derived stem cells synergistically improve healing in an ischemic, infected and delayed healing wound model in rats with type 1 diabetes mellitus. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001033.	1.2	34
7	Photobiomodulation plus Adipose-derived Stem Cells Improve Healing of Ischemic Infected Wounds in Type 2 Diabetic Rats. <i>Scientific Reports</i> , 2020, 10, 1206.	1.6	33
8	Effects of Photobiomodulation on Degranulation and Number of Mast Cells and Wound Strength in Skin Wound Healing of Streptozotocin-Induced Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 415-423.	2.1	32
9	Improvement in infected wound healing in type 1 diabetic rat by the synergistic effect of photobiomodulation therapy and conditioned medium. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 9906-9916.	1.2	29
10	An improvement in acute wound healing in mice by the combined application of photobiomodulation and curcumin-loaded iron particles. <i>Lasers in Medical Science</i> , 2019, 34, 779-791.	1.0	29
11	Effect of low level laser therapy and oxytocin on osteoporotic bone marrow-derived mesenchymal stem cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 983-997.	1.2	27
12	Combined effects of metformin and photobiomodulation improve the proliferation phase of wound healing in type 2 diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109776.	2.5	27
13	Effects of pulsed infra-red low level-laser irradiation on mast cells number and degranulation in open skin wound healing of healthy and streptozotocin-induced diabetic rats. <i>Journal of Cosmetic and Laser Therapy</i> , 2013, 15, 294-304.	0.3	26
14	Evaluation of the effects of LLLT on biomechanical properties of tibial diaphysis in two rat models of experimental osteoporosis by a three point bending test. <i>Lasers in Medical Science</i> , 2015, 30, 1117-1125.	1.0	25
15	Effects of Acellular Amniotic Membrane Matrix and Bone Marrow-Derived Mesenchymal Stem Cells in Improving Random Skin Flap Survival in Rats. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e25588.	0.5	25
16	The effect of combined photobiomodulation and metformin on open skin wound healing in a non-genetic model of type II diabetes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 63-69.	1.7	20
17	Impact of Photobiomodulation and Condition Medium on Mast Cell Counts, Degranulation, and Wound Strength in Infected Skin Wound Healing of Diabetic Rats. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 706-714.	0.7	20
18	Engraftment of bioengineered three-dimensional scaffold from human amniotic membrane-derived extracellular matrix accelerates ischemic diabetic wound healing. <i>Archives of Dermatological Research</i> , 2021, 313, 567-582.	1.1	20

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19	Effects of Sertoli Cell Transplantation on Spermatogenesis in Azoospermic Mice. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 421-434.	1.1	20
20	SDF-1 β loaded bioengineered human amniotic membrane-derived scaffold transplantation in combination with hyperbaric oxygen improved diabetic wound healing. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 489-501.	1.1	20
21	Effect of Chronic Morphine Consumption on Synaptic Plasticity of Rat's Hippocampus: A Transmission Electron Microscopy Study. <i>Neurology Research International</i> , 2013, 2013, 1-6.	0.5	18
22	Low-level laser therapy with helium-neon laser improved viability of osteoporotic bone marrow-derived mesenchymal stem cells from ovariectomy-induced osteoporotic rats. <i>Journal of Biomedical Optics</i> , 2016, 21, 098002.	1.4	18
23	Protective role of alpha-lipoic acid in impairments of social and stereotyped behaviors induced by early postnatal administration of thimerosal in male rat. <i>Neurotoxicology and Teratology</i> , 2018, 67, 1-9.	1.2	18
24	Stereological and gene expression examinations on the combined effects of photobiomodulation and curcumin on wound healing in type one diabetic rats. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17994-18004.	1.2	17
25	Tramadol: a Potential Neurotoxic Agent Affecting Prefrontal Cortices in Adult Male Rats and PC-12 Cell Line. <i>Neurotoxicity Research</i> , 2020, 38, 385-397.	1.3	16
26	Peripubertal stress following maternal immune activation sex-dependently alters depression-like behaviors in offspring. <i>Behavioural Brain Research</i> , 2020, 393, 112800.	1.2	15
27	The effect of photobiomodulation therapy on antioxidants and oxidative stress profiles of adipose derived mesenchymal stem cells in diabetic rats. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120157.	2.0	14
28	Preconditioning adipose-derived stem cells with photobiomodulation significantly increased bone healing in a critical size femoral defect in rats. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 105-111.	1.0	13
29	Combined therapy of adipose-derived stem cells and photobiomodulation on accelerated bone healing of a critical size defect in an osteoporotic rat model. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 173-180.	1.0	13
30	From dysregulated microRNAs to structural alterations in the striatal region of METH-injected rats. <i>Journal of Chemical Neuroanatomy</i> , 2020, 109, 101854.	1.0	13
31	Impact of Ultrasound Therapy on Stem Cell Differentiation - A Systematic Review. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 462-472.	0.6	13
32	Impact of preconditioned diabetic stem cells and photobiomodulation on quantity and degranulation of mast cells in a delayed healing wound simulation in type one diabetic rats. <i>Lasers in Medical Science</i> , 2022, 37, 1593-1604.	1.0	12
33	Evaluating Glucocorticoid Administration on Biomechanical Properties of Rats' Tibial Diaphysis. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e19389.	0.5	12
34	Improved viability of random pattern skin flaps with the use of bone marrow mesenchymal-derived stem cells and chicken embryo extract. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 764-72.	1.0	12
35	Improvement in viability and mineralization of osteoporotic bone marrow mesenchymal stem cell through combined application of photobiomodulation therapy and oxytocin. <i>Lasers in Medical Science</i> , 2020, 35, 557-566.	1.0	10
36	Evaluation of the Effects of Photobiomodulation on Bone Healing in Healthy and Streptozotocin-Induced Diabetes in Rats. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 537-545.	2.1	9

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37	Alterations of neuroimmune cell density and pro-inflammatory cytokines in response to thimerosal in prefrontal lobe of male rats. <i>Drug and Chemical Toxicology</i> , 2019, 42, 176-186.	1.2	9
38	Impact of photobiomodulation on macrophages and their polarization during diabetic wound healing: a systematic review. <i>Lasers in Medical Science</i> , 2022, 37, 2805-2815.	1.0	9
39	Evaluating HER2 Gene Amplification Using Chromogenic In Situ Hybridization (CISH) Method In Comparison To Immunohistochemistry Method in Breast Carcinoma. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2018, 6, 1977-1981.	0.1	7
40	Alpha lipoic acid ameliorates THIM-induced prefrontal cell loss and abnormal enzymatically contents in the developing rat. <i>Journal of Chemical Neuroanatomy</i> , 2020, 103, 101727.	1.0	7
41	Combined effects of photobiomodulation and curcumin on mast cells and wound strength in wound healing of streptozotocin-induced diabetes in rats. <i>Lasers in Medical Science</i> , 2021, 36, 375-386.	1.0	7
42	The Combined Effects of Mesenchymal Stem Cell Conditioned Media and Low-Level Laser on Stereological and Biomechanical Parameter in Hypothyroidism Rat Model. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 243-248.	0.4	7
43	Neural differentiation of choroid plexus epithelial cells: role of human traumatic cerebrospinal fluid. <i>Neural Regeneration Research</i> , 2017, 12, 84.	1.6	7
44	The Synergistic Effect of Curcumin and Ziziphora Extract Due to Their Anti-inflammatory and Antioxidant Properties on Ovarian Tissue Follicles. <i>Journal of Pharmaceutical Research International</i> , 2018, 24, 1-11.	1.0	7
45	An improvement in acute wound healing in rats by the synergistic effect of photobiomodulation and arginine. <i>Laboratory Animal Research</i> , 2019, 35, 28.	1.1	6
46	Neuroanatomical changes of the medial prefrontal cortex of male pups of Wistar rat after prenatal and postnatal noise stress. <i>Acta Histochemica</i> , 2020, 122, 151589.	0.9	6
47	Simultaneous Treatment of Photobiomodulation and Demineralized Bone Matrix With Adipose-Derived Stem Cells Improve Bone Healing in an osteoporotic bone defect. <i>Journal of Lasers in Medical Sciences</i> , 2021, 12, e41-e41.	0.4	6
48	The Combined Effects of Levothyroxine and Low Level Laser Therapy on Wound Healing in Hypothyroidism Male Rat Model. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 7-10.	0.4	6
49	Combined effects of photobiomodulation and alendronate on viability of osteoporotic bone marrow-derived mesenchymal stem cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 182, 77-84.	1.7	5
50	The Combined Effect of Photobiomodulation and Curcumin on Acute Skin Wound Healing in Rats. <i>Journal of Lasers in Medical Sciences</i> , 2021, 12, e9-e9.	0.4	5
51	Effects of Bone Marrow Mesenchymal Stem Cells-Conditioned Medium on Tibial Partial Osteotomy Model of Fracture Healing in Hypothyroidism Rats. <i>Iranian Biomedical Journal</i> , 2018, 22, 90-8.	0.4	5
52	Photobiomodulation therapy was more effective than photobiomodulation plus arginine on accelerating wound healing in an animal model of delayed healing wound. <i>Lasers in Medical Science</i> , 2022, 37, 403-415.	1.0	4
53	Combined Treatment of Photobiomodulation and Arginine on Chronic Wound Healing in an Animal Model. <i>Journal of Lasers in Medical Sciences</i> , 2021, 12, e40-e40.	0.4	4
54	Effectiveness of preconditioned adipose-derived mesenchymal stem cells with photobiomodulation for the treatment of diabetic foot ulcers: a systematic review. <i>Lasers in Medical Science</i> , 2022, 37, 1415-1425.	1.0	4

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55	Patents of Pentoxifylline Administration on Some Diseases and Chronic Wounds. Recent Patents on Regenerative Medicine, 2014, 4, 137-143.	0.4	4
56	Evaluation of the effects of preconditioned human stem cells plus a scaffold and photobiomodulation administration on stereological parameters and gene expression levels in a critical size bone defect in rats. Lasers in Medical Science, 2022, 37, 2457-2470.	1.0	4
57	Poster presentations. Surgical and Radiologic Anatomy, 2009, 31, 95-229.	0.6	3
58	Risperidone accelerates bone loss in rats with autistic-like deficits induced by maternal lipopolysaccharides exposure. Life Sciences, 2020, 258, 118197.	2.0	3
59	Effects of curcumin nanoparticle on the histological changes and apoptotic factors expression in testis tissue after methylphenidate administration in rats. Acta Histochemica, 2021, 123, 151656.	0.9	3
60	Toxicology of long-term and high-dose administration of methylphenidate on the kidney tissue a histopathology and molecular study. Toxicology Mechanisms and Methods, 2020, 30, 611-619.	1.3	2
61	Photobiomodulation Therapy Improves Spermatogenesis in Busulfan-Induced Infertile Mouse. Reproductive Sciences, 2021, 28, 2789-2798.	1.1	2
62	Combined Effect of Low-Level Laser Treatment and Levothyroxine on Wound Healing in Rats With Hypothyroidism. Journal of Lasers in Medical Sciences, 2018, 9, 268-273.	0.4	2
63	The Effects of Early Exposure to Thimerosal on Impairments of Social and Stereotyped Behaviors and the Number of Purkinje Cells of Cerebellum in Rats. Journal of Applied Biotechnology Reports, 2018, 5, 105-111.	0.9	1
64	Cardiovascular System Embryology and Development. , 2017, , 11-64.		0
65	Alpha lipoic acid ameliorates detrimental effects of maternal lipopolysaccharides exposure on prefrontal white matter in adult male offspring rats. Journal of Chemical Neuroanatomy, 2021, 118, 102038.	1.0	0
66	Therapeutic Effects of Laser on Partial Osteotomy in the Rat Model of Hypothyroidism. Journal of Lasers in Medical Sciences, 2018, 9, 121-127.	0.4	0
67	Effects of prenatal exposure to inflammation coupled with prepubertal stress on prefrontal white matter structure and related molecules in adult mouse offspring. Metabolic Brain Disease, 2022, , 1.	1.4	0