

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	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
2	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
3	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
4	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. <i>Lasers in Medical Science</i> , 2022, 37, 2457-2470.	1.0	4
5	Effects of prenatal exposure to inflammation coupled with prepubertal stress on prefrontal white matter structure and related molecules in adult mouse offspring. <i>Metabolic Brain Disease</i> , 2022, , 1.	1.4	0
6	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
7	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
8	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
9	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
10	Effects of curcumin nanoparticle on the histological changes and apoptotic factors expression in testis tissue after methylphenidate administration in rats. <i>Acta Histochemica</i> , 2021, 123, 151656.	0.9	3
11	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
12	Photobiomodulation Therapy Improves Spermatogenesis in Busulfan-Induced Infertile Mouse. <i>Reproductive Sciences</i> , 2021, 28, 2789-2798.	1.1	2
13	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
14	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
15	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
16	Alpha lipoic acid ameliorates detrimental effects of maternal lipopolysaccharides exposure on prefrontal white matter in adult male offspring rats. <i>Journal of Chemical Neuroanatomy</i> , 2021, 118, 102038.	1.0	0
17	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
18	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

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19	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
20	Risperidone accelerates bone loss in rats with autistic-like deficits induced by maternal lipopolysaccharides exposure. <i>Life Sciences</i> , 2020, 258, 118197.	2.0	3
21	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
22	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
23	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
24	Toxicology of long-term and high-dose administration of methylphenidate on the kidney tissue – a histopathology and molecular study. <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 611-619.	1.3	2
25	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
26	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
27	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
28	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
29	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
30	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
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	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	Effects of Sertoli Cell Transplantation on Spermatogenesis in Azoospermic Mice. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 421-434.	1.1	20
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Combined Effect of Low-Level Laser Treatment and Levothyroxine on Wound Healing in Rats With Hypothyroidism. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 268-273.	0.4	2
50	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
51	The Effects of Early Exposure to Thimerosal on Impairments of Social and Stereotyped Behaviors and the Number of Purkinje Cells of Cerebellum in Rats. <i>Journal of Applied Biotechnology Reports</i> , 2018, 5, 105-111.	0.9	1
52	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
53	Therapeutic Effects of Laser on Partial Osteotomy in the Rat Model of Hypothyroidism. <i>Journal of Lasers in Medical Sciences</i> , 2018, 9, 121-127.	0.4	0
54	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

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55	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
56	Cardiovascular System Embryology and Development. , 2017, , 11-64.		0
57	Neural differentiation of choroid plexus epithelial cells: role of human traumatic cerebrospinal fluid. <i>Neural Regeneration Research</i> , 2017, 12, 84.	1.6	7
58	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
59	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
60	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
61	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
62	Evaluating Glucocorticoid Administration on Biomechanical Properties of Rats' Tibial Diaphysis. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e19389.	0.5	12
63	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
64	Patents of Pentoxifylline Administration on Some Diseases and Chronic Wounds. <i>Recent Patents on Regenerative Medicine</i> , 2014, 4, 137-143.	0.4	4
65	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
66	Effect of Chronic Morphine Consumption on Synaptic Plasticity of Rats' Hippocampus: A Transmission Electron Microscopy Study. <i>Neurology Research International</i> , 2013, 2013, 1-6.	0.5	18
67	Poster presentations. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 95-229.	0.6	3