

Mohammad Bayat

List of Publications by Year in descending order

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132
papers

2,492
citations

172386

29
h-index

302012

39
g-index

136
all docs

136
docs citations

136
times ranked

2496
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Low-Level Laser Therapy on Mast Cells in Second-Degree Burns in Rats. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 1-5.	2.1	63
2	The effects of dosage and the routes of administrations of streptozotocin and alloxan on induction rate of type1 diabetes mellitus and mortality rate in rats. <i>Laboratory Animal Research</i> , 2016, 32, 160.	1.1	63
3	Effects of pulsed infra-red low level-laser irradiation on open skin wound healing of healthy and streptozotocin-induced diabetic rats by biomechanical evaluation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 111, 1-8.	1.7	62
4	Effect of low-level laser therapy on the healing of second-degree burns in rats: a histological and microbiological study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005, 78, 171-177.	1.7	59
5	Neuroprotective properties of <i>Melissa officinalis</i> after hypoxic-ischemic injury both in vitro and in vivo. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012, 20, 42.	0.9	55
6	Coordination of Distributed Energy Resources and Demand Response for Voltage and Frequency Support of MV Microgrids. <i>IEEE Transactions on Power Systems</i> , 2016, 31, 1506-1516.	4.6	55
7	Low-level laser therapy with pulsed infrared laser accelerates third-degree burn healing process in rats. <i>Journal of Rehabilitation Research and Development</i> , 2009, 46, 543.	1.6	54
8	Experimental wound healing using microamperage electrical stimulation in rabbits. <i>Journal of Rehabilitation Research and Development</i> , 2006, 43, 219.	1.6	50
9	Human mesenchymal stem cells-conditioned medium improves diabetic wound healing mainly through modulating fibroblast behaviors. <i>Archives of Dermatological Research</i> , 2020, 312, 325-336.	1.1	49
10	Low-Level Laser Therapy with a Pulsed Infrared Laser Accelerates Second-Degree Burn Healing in Rat: A Clinical and Microbiologic Study. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 603-611.	2.1	47
11	Pentoxifylline improves cutaneous wound healing in streptozotocin-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2013, 700, 165-172.	1.7	47
12	The effects of low-level laser irradiation on cellular viability and proliferation of human skin fibroblasts cultured in high glucose mediums. <i>Lasers in Medical Science</i> , 2014, 29, 121-129.	1.0	45
13	The therapeutic effect of low-level laser on repair of osteochondral defects in rabbit knee. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 88, 11-15.	1.7	43
14	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
15	A Unified Framework for Participation of Responsive End-User Devices in Voltage and Frequency Control of the Smart Grid. <i>IEEE Transactions on Power Systems</i> , 2015, 30, 1369-1379.	4.6	42
16	Histological and gene expression analysis of the effects of pulsed low-level laser therapy on wound healing of streptozotocin-induced diabetic rats. <i>Lasers in Medical Science</i> , 2014, 29, 1227-1235.	1.0	40
17	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
18	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

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19	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
20	Effect of low-level helium-neon laser therapy on the healing of third-degree burns in rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 83, 87-93.	1.7	34
21	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
22	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
23	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
24	Low-Level Laser Therapy Using 80-Hz Pulsed Infrared Diode Laser Accelerates Third-Degree Burn Healing in Rat. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 959-964.	2.1	32
25	Effects of 780-nm Low-Level Laser Therapy with a Pulsed Gallium Aluminum Arsenide Laser on the Healing of a Surgically Induced Open Skin Wound of Rat. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 465-470.	2.1	32
26	Effect of low-level laser therapy on the release of interleukin-6 and basic fibroblast growth factor from cultured human skin fibroblasts in normal and high glucose mediums. <i>Journal of Cosmetic and Laser Therapy</i> , 2013, 15, 310-317.	0.3	32
27	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
28	Effects of low-level laser therapy on mast cell number and degranulation. <i>Journal of Rehabilitation Research and Development</i> , 2008, 45, 931-938.	1.6	31
29	Human Bone Marrow Mesenchymal Stem Cell Conditioned Medium Promotes Wound Healing in Deep Second-Degree Burns in Male Rats. <i>Cells Tissues Organs</i> , 2018, 206, 317-329.	1.3	31
30	Home energy management in off-grid dwellings: Exploiting flexibility of thermostatically controlled appliances. <i>Journal of Cleaner Production</i> , 2021, 310, 127507.	4.6	31
31	Effect of Low-Level Treatment with an 80-Hz Pulsed Infrared Diode Laser on Mast-Cell Numbers and Degranulation in a Rat Model of Third-Degree Burn. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 597-604.	2.1	30
32	The effect of combined pulsed wave low-level laser therapy and mesenchymal stem cell-conditioned medium on the healing of an infected wound with methicillin-resistant <i>Staphylococcus aureus</i> in diabetic rats. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5788-5797.	1.2	30
33	The Effects of Low-Level Laser Therapy on Bone in Diabetic and Nondiabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 703-708.	2.1	29
34	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
35	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
36	Comparison of the in vitro effects of low-level laser therapy and low-intensity pulsed ultrasound therapy on bony cells and stem cells. <i>Progress in Biophysics and Molecular Biology</i> , 2018, 133, 36-48.	1.4	28

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37	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
38	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
39	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
40	Comparison of effects of LLLT and LIPUS on fracture healing in animal models and patients: A systematic review. <i>Progress in Biophysics and Molecular Biology</i> , 2018, 132, 3-22.	1.4	26
41	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
42	Evaluation of the effects of pulsed wave LLLT on tibial diaphysis in two rat models of experimental osteoporosis, as examined by stereological and real-time PCR gene expression analyses. <i>Lasers in Medical Science</i> , 2016, 31, 721-732.	1.0	25
43	Effect of Low-Level Laser Therapy on Skin Fibroblasts of Streptozotocin-Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 519-525.	2.1	24
44	Appearance of anatomical structures of mandible on panoramic radiographs in Iranian population. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 384-389.	0.9	23
45	Impaired spermatogenesis associated with changes in spatial arrangement of Sertoli and spermatogonial cells following induced diabetes. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17312-17325.	1.2	22
46	IL-10 Dysregulation Underlies Chemokine Insufficiency, Delayed Macrophage Response, and Impaired Healing in Diabetic Wounds. <i>Journal of Investigative Dermatology</i> , 2022, 142, 692-704.e14.	0.3	22
47	Mesenchymal stem cells improve survival in ischemic diabetic random skin flap via increased angiogenesis and VEGF expression. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17491-17499.	1.2	21
48	Effect of Pulsed Wave Low-Level Laser Therapy on Tibial Complete Osteotomy Model of Fracture Healing With an Intramedullary Fixation. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e32076.	0.5	20
49	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
50	Effect of in vivo low-level laser therapy on bone marrow-derived mesenchymal stem cells in ovariectomy-induced osteoporosis of rats. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 175, 29-36.	1.7	20
51	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
52	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
53	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
54	The Effects of Infrared Low-Level Laser Therapy on Healing of Partial Osteotomy of Tibia in Streptozotocin-Induced Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 641-646.	2.1	19

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55	Low-Level Laser Therapy Improves Early Healing of Medial Collateral Ligament Injuries in Rats. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 556-560.	2.1	18
56	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
57	Combined effects of low-level laser therapy and human bone marrow mesenchymal stem cell conditioned medium on viability of human dermal fibroblasts cultured in a high-glucose medium. <i>Lasers in Medical Science</i> , 2016, 31, 749-757.	1.0	18
58	Pentoxifylline Accelerates Wound Healing Process by Modulating Gene Expression of MMP-1, MMP-3, and TIMP-1 in Normoglycemic Rats. <i>Journal of Investigative Surgery</i> , 2015, 28, 196-201.	0.6	17
59	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
60	Effect of low-level laser therapy on healing of tenotomized Achilles tendon in streptozotocin-induced diabetic rats. <i>Lasers in Medical Science</i> , 2013, 28, 399-405.	1.0	16
61	Evaluating the effect of low-level laser therapy on healing of tentomized Achilles tendon in streptozotocin-induced diabetic rats by light microscopical and gene expression examinations. <i>Lasers in Medical Science</i> , 2014, 29, 1495-1503.	1.0	16
62	Effect of He-Ne laser radiation on healing of osteochondral defect in rabbit: A histological study. <i>Journal of Rehabilitation Research and Development</i> , 2009, 46, 1135.	1.6	16
63	Effect of low-level helium-neon laser therapy on histological and ultrastructural features of immobilized rabbit articular cartilage. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 87, 81-87.	1.7	14
64	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
65	The Effects of Helium-Neon Light Therapy on Healing of Partial Osteotomy of the Tibia in Streptozotocin Induced Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 907-912.	2.1	13
66	Effect of Low-Level Infrared Laser Therapy on Large Surgical Osteochondral Defect in Rabbit: A Histological Study. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 25-30.	2.1	13
67	Evaluation of Low-Level Laser Therapy with a He-Ne Laser on the Healing of an Osteochondral Defect Using a Biomechanical Test. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 423-428.	2.1	13
68	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
69	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
70	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
71	The effect of 30-day pretreatment with pentoxifylline on the survival of a random skin flap in the rat: an ultrastructural and biomechanical evaluation. <i>Medical Science Monitor</i> , 2006, 12, BR201-7.	0.5	13
72	Histological and biomechanical analysis of the effects of streptozotocin-induced type one diabetes mellitus on healing of tenotomised Achilles tendons in rats. <i>Foot and Ankle Surgery</i> , 2014, 20, 186-191.	0.8	12

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73	Evaluation of the effects of photobiomodulation on vertebrae in two rat models of experimental osteoporosis. <i>Lasers in Medical Science</i> , 2017, 32, 1545-1560.	1.0	12
74	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
75	The effect of vitamin C on the gene expression profile of sperm protamines in the male partners of couples with recurrent pregnancy loss: A randomized clinical trial. <i>Clinical and Experimental Reproductive Medicine</i> , 2020, 47, 68-76.	0.5	12
76	Evaluating Glucocorticoid Administration on Biomechanical Properties of Rats' Tibial Diaphysis. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e19389.	0.5	12
77	An evaluation of the effect of pulsed wave low-level laser therapy on the biomechanical properties of the vertebral body in two experimental osteoporosis rat models. <i>Lasers in Medical Science</i> , 2016, 31, 305-314.	1.0	11
78	Stochastic transmission expansion planning in the presence of wind farms considering reliability and N-1 contingency using grey wolf optimization technique. <i>Electrical Engineering</i> , 2022, 104, 727-740.	1.2	11
79	Effect of Pentoxifylline Administration on Mast Cell Numbers and Degranulation in a Diabetic and Normoglycemic rat Model Wound Healing. <i>Iranian Red Crescent Medical Journal</i> , 2012, 14, 483-7.	0.5	11
80	Early Low-Level Laser Therapy Improves the Passive Range of Motion and Decreases Pain in Patients with Flexor Tendon Injury. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 530-535.	2.1	10
81	Effect of Mesenchymal Stem Cells and Chicken Embryo Extract on Flap Viability and Mast Cells in Rat Skin Flaps. <i>Journal of Investigative Surgery</i> , 2020, 33, 123-133.	0.6	10
82	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
83	Photobiomodulation preconditioned human semen protects sperm cells against detrimental effects of cryopreservation. <i>Cryobiology</i> , 2021, 98, 239-244.	0.3	10
84	The Necessity for Increased Attention to Pulsed Low-Level Laser Therapy. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 427-428.	2.1	9
85	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
86	The effects of pentoxifylline administration on fracture healing in a postmenopausal osteoporotic rat model. <i>Laboratory Animal Research</i> , 2017, 33, 15.	1.1	9
87	Photobiomodulation therapy compensate the impairments of diabetic bone marrow mesenchymal stem cells. <i>Lasers in Medical Science</i> , 2020, 35, 547-556.	1.0	9
88	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
89	Evaluation of the Effects of Photobiomodulation on Biomechanical Properties and Hounsfield Unit of Partial Osteotomy Healing in an Experimental Rat Model of Type I Diabetes and Osteoporosis. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 520-529.	2.1	8
90	Microgrid small-signal stability analysis considering dynamic load model. <i>IET Renewable Power Generation</i> , 2021, 15, 2799-2813.	1.7	8

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91	An efficient iterative approach for power flow solution of droop-controlled islanded AC microgrids through conventional methods. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 130, 106962.	3.3	8
92	Effects of pentoxifylline administration on histomorphological parameters of streptozotocin-induced diabetic rat testes. <i>Laboratory Animal Research</i> , 2015, 31, 111.	1.1	7
93	Presenting a Method to Improve Bone Quality Through Stimulation of Osteoporotic Mesenchymal Stem Cells by Low-Level Laser Therapy. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 622-628.	2.1	7
94	Photobiomodulation with 810nm Wavelengths Improves Human Sperms' Motility and Viability <i>In Vitro</i>. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 222-231.	0.7	7
95	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
96	Effect of Pentoxifylline Administration on an Experimental Rat Model of Femur Fracture Healing With Intramedullary Fixation. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e29513.	0.5	7
97	Effect of Low-Level Laser Therapy on Healing of Medial Collateral Ligament Injuries in Rats: An Ultrastructural Study. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 191-196.	2.1	6
98	Photobiomodulation improved stereological parameters and sperm analysis factors in streptozotocin-induced type 1 diabetes mellitus. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 186, 81-87.	1.7	6
99	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
100	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
101	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
102	Evaluation of the Effects of Photobiomodulation on Partial Osteotomy in Streptozotocin-Induced Diabetes in Rats. <i>Photomedicine and Laser Surgery</i> , 2018, 36, 406-414.	2.1	5
103	Combined Adipose-Derived Mesenchymal Stem Cells and Photobiomodulation Could Modulate the Inflammatory Response and Treat Infected Diabetic Foot Ulcers. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 135-137.	0.7	5
104	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
105	Co-localization of Ft1 and tryptase of mast cells in skin wound of rats with type I diabetes: Initial studies. <i>Acta Histochemica</i> , 2021, 123, 151680.	0.9	5
106	Effect of low-power helium-neon laser irradiation on 13-week immobilized articular cartilage of rabbits. <i>Indian Journal of Experimental Biology</i> , 2004, 42, 866-70.	0.5	5
107	Frequency control in standalone renewable based-microgrids using steady state load shedding considering droop characteristic. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 142, 108351.	3.3	5
108	Evaluating the effects of pentoxifylline administration on experimental pressure sores in rats by biomechanical examinations. <i>Laboratory Animal Research</i> , 2012, 28, 209.	1.1	4

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109	The effect of benzo[<i>a</i>]pyrene on expression and signaling cross talk of aryl hydrocarbon receptor and NFATc1 in mouse lung tissue. <i>Toxicology and Industrial Health</i> , 2016, 32, 1246-1253.	0.6	4
110	Recognition of a rare intrathoracic rib with computed tomography: a case report. <i>Anatomy and Cell Biology</i> , 2017, 50, 73.	0.5	4
111	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
112	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
113	Comparison and Evaluation of Seven Animal Models of Ischemic Skin Wound: A Review Article. <i>Journal of Pharmaceutical Research International</i> , 0, , 1-37.	1.0	4
114	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
115	Patents of Pentoxifylline Administration on Some Diseases and Chronic Wounds. <i>Recent Patents on Regenerative Medicine</i> , 2014, 4, 137-143.	0.4	4
116	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
117	Therapeutic evaluation of immunomodulators in reducing surgical wound infection. <i>FASEB Journal</i> , 2022, 36, e22090.	0.2	4
118	Combination Therapy with PIK3R3-siRNA and EGFR-TKI Erlotinib Synergistically Suppresses Glioblastoma Cell Growth In Vitro. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 3993-4000.	0.5	4
119	Photobiomodulation and Stem Cell on Repair of Osteoporotic Bones. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2022, 40, 261-272.	0.7	4
120	Effects of low-power laser irradiation on survival of random skin flap in rats. <i>European Journal of Plastic Surgery</i> , 2004, 27, 178.	0.3	3
121	Aerobic Exercise-Assisted Cardiac Regeneration by Inhibiting Tryptase Release in Mast Cells after Myocardial Infarction. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	3
122	Aerobic training mitigates the negative impact of diabetes on fertility. <i>Andrologia</i> , 2022, 54, e14306.	1.0	3
123	Supraphysiologic glucocorticoid administration increased biomechanical bone strength of rats' vertebral body. <i>Laboratory Animal Research</i> , 2015, 31, 180.	1.1	2
124	Participation of distributed resources and responsive loads to voltage unbalance compensation in islanded microgrids. <i>IET Generation, Transmission and Distribution</i> , 2019, 13, 858-867.	1.4	2
125	A comparative study of the antidiabetic effect of two training protocols in streptozotocin-nicotinamide diabetic rats. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020, 41, .	0.3	2
126	Fusion Estimation of Local Bus Frequency for Robust Wide Area Power System Stabilizer. , 2021, , .		2

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127	Photobiomodulation Therapy Improves Spermatogenesis in Busulfan-Induced Infertile Mouse. Reproductive Sciences, 2021, 28, 2789-2798.	1.1	2
128	Comparative Effect of Photobiomodulation on Human Semen Samples Pre- and Post-Cryopreservation. Reproductive Sciences, 2022, 29, 1463-1470.	1.1	2
129	Applying Preconditioning Diabetic Autologous Stem Cells to Treat Infected Diabetic Foot Ulcers: The Next Step. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40, 1-3.	0.7	1
130	The Need for Increased Attention to Low-Level Laser Therapy as Treatment for Wounds and Ulcers. , 2016, , .		0
131	Combined Administration of Stem Cells and Photobiomodulation on Wound Healing in Diabetes. , 0, , .		0
132	Effects of pentoxifylline and alendronate on fracture healing in ovariectomy-induced osteoporosis in rats. Veterinary Research Forum, 2019, 10, 93-100.	0.3	0