

Journal	Impact Factor	Article (title)
The Lancet	44.0	Efficacy of low-level laser therapy in the management of neck pain: a systematic review and meta-analysis of randomised placebo or active-treatment controlled trials
Nature	42.4	Cell biology: Power games (note: a news feature on photobiomodulation, not a scientific article)
Journal of the American College of Cardiology (JACC)	17.8	Photoremodeling of Arterial Wall Reduces Restenosis After Balloon Angioplasty in an Atherosclerotic Rabbit Model 1
Circulation	17.0	Low-Energy Laser Irradiation Reduces Formation of Scar Tissue After Myocardial Infarction in Rats and Dogs
Circulation	17.0	Percutaneous delivery of low-level laser energy reverses histamine-induced spasm in atherosclerotic Yucatan microswine.
ACS Nano	13.3	Implantable Self-Powered Low-Level Laser Cure System for Mouse Embryonic Osteoblasts' Proliferation and Differentiation.
Annals of the Rheumatic Diseases	12.4	A double blind randomised trial of low power laser treatment in rheumatoid arthritis.
Science Translational Medicine	12.3	Noninvasive low-level laser therapy for thrombocytopenia
Science Translational Medicine	12.3	Photoactivation of Endogenous Latent Transforming Growth Factor- β 1 Directs Dental Stem Cell Differentiation for Regeneration
Blood	11.8	Low-power laser in the prevention of induced oral mucositis in bone marrow transplantation patients: a randomized trial
Biotechnology Advances	9.8	Shining light on nanotechnology to help repair and regeneration
Annals of Neurology	9.6	Near-infrared light is neuroprotective in a monkey model of Parkinson disease (comment & reply)
PNAS	9.4	Therapeutic photobiomodulation for methanol-induced retinal toxicity
Journal of Pineal Research	9.3	Melatonin modulates the action of near infrared radiation on cell adhesion
Diabetes Care	8.9	Low-Intensity Laser Irradiation Improves Skin Circulation in Patients With Diabetic Microangiopathy
Diabetes Care	8.9	Low-Intensity Laser Therapy for Painful Symptoms of Diabetic Sensorimotor Polyneuropathy
Diabetes Care	8.9	A Pilot Study to Evaluate the Efficacy of Class IV Lasers on Nonhealing Neuroischemic Diabetic Foot Ulcers in Patients With Type 2 Diabetes
Biomaterials	8.4	Effect of laser therapy on attachment, proliferation and differentiation of human osteoblast-like cells cultured on titanium implant material.
Biomaterials	8.4	Enhanced angiogenic effect of adipose-derived stromal cell spheroid with low-level light therapy in hind limb ischemia mice.
Antioxidants & Redox Signaling	7.1	Promotion of angiogenesis by low energy laser irradiation.
Nanomedicine	6.9	Nanoparticle-emitted light attenuates amyloid- β -induced superoxide and inflammation in astrocytes
Journal of Investigative Dermatology	6.9	Low-Intensity Laser Therapy is an Effective Treatment for Recurrent Herpes Simplex Infection. Results from a Randomized Double-Blind Placebo-Controlled Study (comment & reply)
Journal of Investigative Dermatology	6.9	Regulation of Skin Collagen Metabolism In Vitro Using a Pulsed 660 nm LED Light Source: Clinical Correlation with a Single-Blinded Study
Journal of Investigative Dermatology	6.9	cDNA microarray analysis of gene expression profiles in human fibroblast cells irradiated with red light.
Journal of Investigative Dermatology	6.9	Helium-neon laser irradiation stimulates migration and proliferation in melanocytes and induces repigmentation in segmental-type vitiligo.
Journal of Investigative Dermatology	6.9	Low-energy helium-neon laser induces locomotion of the immature melanoblasts and promotes melanogenesis of the more differentiated melanoblasts: recapitulation of vitiligo repigmentation in vitro.
Journal of Investigative Dermatology	6.9	Lack of response to laser comb in spontaneous and graft-induced alopecia areata in C3H/HeJ mice.
Journal of Investigative Dermatology	6.9	Helium-Neon Laser Irradiation Stimulates Cell Proliferation through Photostimulatory Effects in Mitochondria
Journal of Investigative Dermatology	6.9	Low-Energy Helium-Neon Laser Irradiation Increases the Motility of Cultured Human Keratinocytes
Journal of Investigative Dermatology	6.9	Low-energy helium-neon laser irradiation stimulates interleukin-1 alpha and interleukin-8 release from cultured human keratinocytes.
Journal of Investigative Dermatology	6.9	Low-energy helium neon laser irradiation does not alter human keratinocyte differentiation.
Drug Discovery Today	6.9	(Targeting mitochondrial dysfunction as in aging and glaucoma.)
British Journal of Sports Medicine	6.7	A randomised, placebo controlled trial of low level laser therapy for activated Achilles tendinitis with microdialysis measurement of peritendinous prostaglandin E2 concentrations.
British Journal of Sports Medicine	6.7	(Frozen shoulder: the effectiveness of conservative and surgical interventions—systematic review)
Cochrane Database of Systematic Reviews	6.7	Low level laser therapy for nonspecific low-back pain
Cochrane Database of Systematic Reviews	6.7	Electrotherapy modalities for adhesive capsulitis (frozen shoulder)
Cochrane Database of Systematic Reviews	6.7	Low level laser therapy (Classes I, II and III) for treating rheumatoid arthritis
Cochrane Database of Systematic Reviews	6.7	Electrotherapy modalities for rotator cuff disease
Cochrane Database of Systematic Reviews	6.7	Low level laser therapy for treating tuberculosis
Molecular Neurodegeneration	6.5	Reduced axonal transport in Parkinson's disease cybrid neurites is restored by light therapy
The Journal of Neuroscience	5.9	Low-Level Laser Therapy Rescues Dendrite Atrophy via Upregulating BDNF Expression: Implications for Alzheimer's Disease
The Journal of Neuroscience	5.9	Neuroprotective Effects of Near-Infrared Light in an In Vivo Model of Mitochondrial Optic Neuropathy
Stroke	5.8	Low-Level Laser Therapy Applied Transcranially to Rats After Induction of Stroke Significantly Reduces Long-Term Neurological Deficits
Stroke	5.8	Safety Profile of Transcranial Near-Infrared Laser Therapy Administered in Combination With Thrombolytic Therapy to Embolized Rabbits
Stroke	5.8	Transcranial infrared laser therapy improves clinical rating scores after embolic strokes in rabbits.
Stroke	5.8	Transcranial laser therapy and infarct volume.
Stroke	5.8	Infrared Laser Therapy for Ischemic Stroke: A New Treatment Strategy. Results of the NeuroThera Effectiveness and Safety Trial-1 (NEST-1)
Stroke	5.8	Transcranial Laser Therapy in Acute Stroke Treatment: Results of Neurothera Effectiveness and Safety Trial 3, a Phase III Clinical End Point Device Trial
Free Radical Biology and Medicine	5.8	Photobiomodulation by low-power laser irradiation attenuates A β -induced cell apoptosis through the Akt/GSK3 β / β -catenin pathway
Pain	5.6	The effect of 300 mW, 830 nm laser on chronic neck pain: A double-blind, randomized, placebo-controlled study

Pain	5.6	Laser acupuncture in children with headache: A double-blind, randomized, bicenter, placebo-controlled trial
Pain	5.6	Effects of low-power laser exposure on masseter muscle pain and microcirculation.
Pain	5.6	The effect of low-level laser therapy on musculoskeletal pain: A meta-analysis.
Pain	5.6	Low power laser biostimulation of chronic oro-facial pain. A double-blind placebo controlled cross-over study in 40 patients
Pain	5.6	Laser treatment applied to acupuncture points in lateral humeral epicondylalgia. A double-blind study
Cancer	5.6	Treatment of postmastectomy lymphedema with low-level laser therapy: A double blind, placebo-controlled trial
Cancer	5.6	Helium-neon laser effects on conditioning-induced oral mucositis in bone marrow transplantation patients.
Journal of the American Academy of Dermatology	5.6	Early application of low-level laser may reduce the incidence of postherpetic neuralgia (PHN)
Journal of the American Academy of Dermatology	5.6	Increased dermal angiogenesis after low-intensity laser therapy for a chronic radiation ulcer determined by a video measuring system
Journal of the American Academy of Dermatology	5.6	Successful treatment of a persistent radiation ulcer by low power laser therapy
Cardiovascular Research	5.5	Low-level laser irradiation inhibits abdominal aortic aneurysm progression in apolipoprotein E-deficient mice.
Basic Research in Cardiology	5.4	Recovery from sarafotoxin-b induced cardiopathological effects in mice following low energy laser irradiation.
Molecular Neurobiology	5.4	Low-Level Laser Irradiation Improves Depression-Like Behaviors in Mice
Molecular Neurobiology	5.4	Light-Emitting Diode Phototherapy Reduces Nocifensive Behavior Induced by Thermal and Chemical Noxious Stimuli in Mice: Evidence for the Involvement of Capsaicin-Sensitive Central Afferent Fibers.
Scientific Reports	5.2	Interplay between up-regulation of cytochrome-c-oxidase and hemoglobin oxygenation induced by near-infrared laser
Scientific Reports	5.2	Additive enhancement of wound healing in diabetic mice by low level light and topical CoQ10
Scientific Reports	5.2	Specific LED-based red light photo-stimulation procedures improve overall sperm function and reproductive performance of boar ejaculates.
Scientific Reports	5.2	Light Effect on Water Viscosity: Implication for ATP Biosynthesis.
Alzheimer's Research & Therapy	5.2	Photobiomodulation with near infrared light mitigates Alzheimer's disease-related pathology in cerebral cortex – evidence from two transgenic mouse models
Neurobiology of Aging	5.2	Age-related retinal inflammation is reduced by 670 nm light via increased mitochondrial membrane potential
Neurobiology of Aging	5.2	Mitochondrial decline precedes phenotype development in the complement factor H mouse model of retinal degeneration but can be corrected by near infrared light
JAMA Dermatology	5.1	Treatment of Keratosis Pilaris With 810-nm Diode Laser: A Randomized Clinical Trial
BBA Molecular Cell Research	5.1	Low-energy laser irradiation enhances de novo protein synthesis via its effects on translation-regulatory proteins in skeletal muscle myoblasts
BBA Molecular Cell Research	5.1	Low-energy laser irradiation affects satellite cell proliferation and differentiation in vitro
Biochemical Pharmacology	5.1	Neurological and psychological applications of transcranial lasers and LEDs
Biochemical Pharmacology	5.1	Mitochondrial respiration as a target for neuroprotection and cognitive enhancement.
Journal of Cerebral Blood Flow & Metabolism	4.9	Low-Level Light in Combination with Metabolic Modulators for Effective Therapy of Injured Brain
Journal of Cerebral Blood Flow & Metabolism	4.9	Low-level laser therapy effectively prevents secondary brain injury induced by immediate early responsive gene X-1 deficiency.
Journal of Molecular and Cellular Cardiology	4.9	Near infrared light protects cardiomyocytes from hypoxia and reoxygenation injury by a nitric oxide dependent mechanism
Journal of Molecular and Cellular Cardiology	4.9	Far red/near infrared light treatment promotes femoral artery collateralization in the ischemic hindlimb
Periodontology 2000	4.9	Periodontal and peri-implant wound healing following laser therapy
Journal of Molecular Medicine	4.9	Induction of primitive pigment cell differentiation by visible light (helium–neon laser): a photoacceptor-specific response not replicable by UVB irradiation
Journal of Cellular and Molecular Medicine	4.9	Low level laser irradiation precondition to create friendly milieu of infarcted myocardium and enhance early survival of transplanted bone marrow cells.
Radiotherapy & Oncology	4.8	Phase III trial of low-level laser therapy to prevent oral mucositis in head and neck cancer patients treated with concurrent chemoradiation
Radiotherapy & Oncology	4.8	Low level laser therapy for concurrent chemoradiotherapy induced oral mucositis in head and neck cancer patients - a triple blinded randomized controlled trial.
Brain Stimulation	4.8	Transcranial Laser Stimulation as Neuroenhancement for Attention Bias Modification in Adults with Elevated Depression Symptoms
Journal of Neuroinflammation	4.7	Red LED photobiomodulation reduces pain hypersensitivity and improves sensorimotor function following mild T10 hemiconfusion spinal cord injury
Journal of Neuroinflammation	4.7	Low-level laser therapy regulates microglial function through Src-mediated signaling pathways: implications for neurodegenerative diseases.
Journal of Neuroinflammation	4.7	670-nm light treatment reduces complement propagation following retinal degeneration.
Journal of Tissue Engineering and Regenerative Medicine	4.7	Synergistic effects of low-level laser and mesenchymal stem cells on functional recovery in rats with crushed sciatic nerves
Journal of Tissue Engineering and Regenerative Medicine	4.7	Biosilicate® and low-level laser therapy improve bone repair in osteoporotic rats.
Journal of Cell Science	4.7	Low-energy laser irradiation promotes the survival and cell cycle entry of skeletal muscle satellite cells
Cellular Physiology and Biochemistry	4.7	Low-Power Laser Irradiation Inhibiting Aβ25-35-induced PC12 Cell Apoptosis via PKC Activation
Journal of Dental Research	4.6	Lasers for the Treatment of Dentin Hypersensitivity: A Meta-analysis
Journal of Dental Research	4.6	Craniofacial Wound Healing with Photobiomodulation Therapy: New Insights and Current Challenges.
Journal of Dental Research	4.6	Effects of red light-emitting diode irradiation on dental pulp cells.
Journal of Dental Research	4.6	Inhibition of Prostaglandin E2 and Interleukin 1-β Production by Low-power Laser Irradiation in Stretched Human Periodontal Ligament Cells
International Journal of Cardiology	4.6	Impact of low level laser irradiation on infarct size in the rat following myocardial infarction
Current Opinion in Oncology	4.6	Low-level laser therapy in the prevention and treatment of cancer therapy-induced mucositis: 2012 state of the

		art based on literature review and meta-analysis
Current Opinion in Oncology	4.6	Low-level laser for prevention and therapy of oral mucositis induced by chemotherapy or radiotherapy.
Frontiers in Cellular Neuroscience	4.6	Protection against neurodegeneration with low-dose methylene blue and near-infrared light
Annals of the New York Academy of Sciences	4.5	Low Level Laser Therapy (LLLT) as an Effective Therapeutic Modality for Delayed Wound Healing
The American Journal of Sports Medicine	4.5	Effects of Low-Level Laser Therapy and Eccentric Exercises in the Treatment of Recreational Athletes With Chronic Achilles Tendinopathy
Rheumatology	4.5	A double-blind study of the effectiveness of low level laser treatment of rotator cuff tendinitis.
Rheumatology	4.5	Low level laser therapy is ineffective in the management of rheumatoid arthritic finger joints.
Osteoarthritis and Cartilage	4.5	Aerobic exercise training and low-level laser therapy modulate inflammatory response and degenerative process in an experimental model of knee osteoarthritis in rats
Osteoarthritis and Cartilage	4.5	Effectiveness of low-level laser therapy in patients with knee osteoarthritis: a systematic review and meta-analysis
Osteoarthritis and Cartilage	4.5	Effects of helium–neon laser on the mucopolysaccharide induction in experimental osteoarthritic cartilage
International Journal of Radiation Oncology • Biology • Physics	4.5	Oral mucositis prevention by low-level laser therapy in head-and-neck cancer patients undergoing concurrent chemoradiotherapy: a phase III randomized study.
International Journal of Radiation Oncology • Biology • Physics	4.5	Low energy Helium-Neon laser in the prevention of oral mucositis in patients undergoing bone marrow transplant: results of a double blind randomized trial.
Stem Cell Research & Therapy	4.5	Lung cancer stem cells and low-intensity laser irradiation: a potential future therapy?
Journal of Neurotrauma	4.4	Laser Therapy and Pain-Related Behavior after Injury of the Inferior Alveolar Nerve: Possible Involvement of Neurotrophins
Journal of Neurotrauma	4.4	Near infrared transcranial laser therapy applied at various modes to mice following traumatic brain injury significantly reduces long-term neurological deficits.
Journal of Neurotrauma	4.4	Low-Level Laser Light Therapy Improves Cognitive Deficits and Inhibits Microglial Activation after Controlled Cortical Impact in Mice
Journal of Neurotrauma	4.4	Low-Level Laser Therapy Applied Transcranially to Mice following Traumatic Brain Injury Significantly Reduces Long-term Neurological Deficits
Journal of Neurotrauma	4.4	Significant improvements in cognitive performance post-transcranial, red/near-infrared light-emitting diode treatments in chronic, mild traumatic brain injury: open-protocol study.
Journal of Neurotrauma	4.4	Near infrared light reduces oxidative stress and preserves function in CNS tissue vulnerable to secondary degeneration following partial transection of the optic nerve.
Oral Oncology	4.3	Evaluation of low-level laser therapy in the prevention and treatment of radiation-induced mucositis: A double-blind randomized study in head and neck cancer patients
Oral Oncology	4.3	Cost-effectiveness of low-level laser therapy (LLLT) in head and neck cancer patients receiving concurrent chemoradiation
Oral Oncology	4.3	Could the biological robustness of low level laser therapy (Photobiomodulation) impact its use in the management of mucositis in head and neck cancer patients.
Oral Oncology	4.3	Association of laser phototherapy with PRP improves healing of bisphosphonate-related osteonecrosis of the jaws in cancer patients: A preliminary study
Oral Oncology	4.3	Low Level Helium Neon Laser therapy for chemoradiotherapy induced oral mucositis in oral cancer patients – A randomized controlled trial
The Journal of Biological Chemistry	4.3	Photobiomodulation Directly Benefits Primary Neurons Functionally Inactivated by Toxins: role of cytochrome c oxidase
British Journal of Dermatology	4.3	Direct stimulatory effect of low-intensity 670 nm laser irradiation on human endothelial cell proliferation
British Journal of Dermatology	4.3	Phototherapy with low intensity laser irradiation for a chronic radiation ulcer in a patient with lupus erythematosus and diabetes mellitus
British Journal of Dermatology	4.3	Low-energy helium-neon laser induces melanocyte proliferation via interaction with type IV collagen: visible light as a therapeutic option for vitiligo.
American Heart Journal	4.3	New concepts in pain management and in the application of low-power laser for relief of cervicothoracic pain syndromes
Journal of Cellular Physiology	4.2	Activation of nuclear estrogen receptors induced by low-power laser irradiation via PI3-K/Akt signaling cascade
Journal of Cellular Physiology	4.2	Single cell analysis of PKC activation during proliferation and apoptosis induced by laser irradiation
Journal of Cellular Physiology	4.2	LPLI inhibits apoptosis upstream of Bax translocation via a GSK-3beta-inactivation mechanism.
Journal of Cellular Physiology	4.2	High fluence low-power laser irradiation induces mitochondrial permeability transition mediated by reactive oxygen species.
Journal of Cellular Physiology	4.2	Low-power laser irradiation activates Src tyrosine kinase through reactive oxygen species-mediated signaling pathway.
Journal of Cellular Physiology	4.2	Activated ERK/FOXO1 pathway by low-power laser irradiation inhibits UVB-induced senescence through down-regulating p21 expression.
Journal of Cellular Physiology	4.2	High fluence low-power laser irradiation induces apoptosis via inactivation of Akt/GSK3β signaling pathway.
Journal of Cellular Physiology	4.2	Photoactivation of bone marrow mesenchymal stromal cells with diode laser: Effects and mechanisms of action
Journal of Cellular Physiology	4.2	H-Ras and PI3K are required for the formation of circular dorsal ruffles induced by low-power laser irradiation
Cellular Signalling	4.2	Low-power laser irradiation (LPLI) promotes VEGF expression and vascular endothelial cell proliferation through the activation of ERK/Sp1 pathway
Cellular Signalling	4.2	Inhibition of Aβ(25-35)-induced cell apoptosis by low-power-laser-irradiation (LPLI) through promoting Akt-dependent YAP cytoplasmic translocation.
Cellular Signalling	4.2	Photoactivation of Dok1/ERK/PPARγ signaling axis inhibits excessive lipolysis in insulin-resistant adipocytes
The American Journal of Pathology	4.2	Effect of Class IV Laser Therapy on Chemotherapy-Induced Oral Mucositis : A Clinical and Experimental Study
The American Journal of Pathology	4.2	Helium-neon laser treatment transforms fibroblasts into myofibroblasts.
Neurorehabilitation and Neural Repair	4.0	Combined Central and Peripheral Stimulation for Treatment of Chronic Tinnitus: A Randomized Pilot Study
Arthritis Research & Therapy	4.0	The effectiveness of low-level laser therapy for nonspecific chronic low back pain: a systematic review and meta-analysis
Arthritis Research & Therapy	4.0	Effect of low-level laser therapy on the expression of inflammatory mediators and on neutrophils and macrophages in acute joint inflammation.
Frontiers in Physiology	4.0	Low-level laser therapy as a treatment for chronic pain
(Australian) Journal of Physiotherapy	4.0	A systematic review of low level laser therapy with location-specific doses for pain from chronic joint disorders

Journal of Alzheimer's Disease	3.9	Low-Level Light Therapy Improves Cortical Metabolic Capacity and Memory Retention
Journal of Alzheimer's Disease	3.9	Transcranial Laser Therapy Attenuates Amyloid- β Peptide Neuropathology in Amyloid- β Protein Precursor Transgenic Mice
Dental Materials	3.9	Developments in low level light therapy (LLLT) for dentistry
PLoS Neglected Tropical Diseases	3.9	Low-level Laser Therapy to the Mouse Femur Enhances the Fungicidal Response of Neutrophils against <i>Paracoccidioides brasiliensis</i>
The International Journal of Biochemistry & Cell Biology	3.9	Photo-enhancement of macrophage phagocytic activity via Rac1-mediated signaling pathway: Implications for bacterial infection
Journal of Clinical Periodontology	3.9	Connective tissue graft associated or not with low laser therapy to treat gingival recession: randomized clinical trial
Journal of Clinical Periodontology	3.9	Combination of LED light and platelet-derived growth factor to accelerate dentoalveolar osteogenesis
Journal of Clinical Periodontology	3.9	Coronally advanced flap adjunct with low intensity laser therapy: a randomized controlled clinical pilot study
Journal of Clinical Periodontology	3.9	Immediate efficacy of diode laser application in the treatment of dentine hypersensitivity in periodontal maintenance patients: a randomized clinical trial
Journal of Clinical Periodontology	3.9	Enamel matrix derivative and low-level laser therapy in the treatment of intra-bony defects: a randomized placebo-controlled clinical trial
Journal of Clinical Periodontology	3.9	Improved wound healing by low-level laser irradiation after gingivectomy operations: a controlled clinical pilot study
Journal of Clinical Periodontology	3.9	The short-term effects of low-level lasers as adjunct therapy in the treatment of periodontal inflammation
Parkinsonism & Related Disorders	3.8	Photobiomodulation enhances nigral dopaminergic cell survival in a chronic MPTP mouse model of Parkinson's disease
Journal of Biophotonics	3.8	Low-level laser therapy (LLLT) reduces oxidative stress in primary cortical neurons in vitro
Journal of Biophotonics	3.8	Low level laser therapy reduces acute lung inflammation without impairing lung function
Journal of Biophotonics	3.8	Low-level laser irradiation promotes the proliferation and maturation of keratinocytes during epithelial wound repair
Journal of Biophotonics	3.8	Pre-conditioning with near infrared photobiomodulation reduces inflammatory cytokines and markers of oxidative stress in cochlear hair cells
Journal of Biophotonics	3.8	Repeated transcranial low-level laser therapy for traumatic brain injury in mice: biphasic dose response and long-term treatment outcome
Journal of Biophotonics	3.8	Photomodulation of the osteoclastogenic potential of oral squamous carcinoma cells
Journal of Biophotonics	3.8	High fluence light emitting diode-generated red light modulates characteristics associated with skin fibrosis
Journal of Biophotonics	3.8	Exploring the effects of low-level laser therapy on fibroblasts and tumor cells following gamma radiation exposure
Journal of Biophotonics	3.8	Cell lineage responses to photobiomodulation therapy
Journal of Biophotonics	3.8	Low-level laser therapy can produce increased aggressiveness of dysplastic and oral cancer cell lines by modulation of Akt/mTOR signaling pathway
Journal of Biophotonics	3.8	Low-level laser therapy (810 nm) protects primary cortical neurons against excitotoxicity in vitro
Journal of Biophotonics	3.8	Neurite growth acceleration of adult Dorsal Root Ganglion neurons illuminated by low-level Light Emitting Diode light at 645 nm
Journal of Biophotonics	3.8	Low-level laser therapy for traumatic brain injury in mice increases brain derived neurotrophic factor (BDNF) and synaptogenesis
Journal of Biophotonics	3.8	Superpulsed (Ga-As, 904 nm) low-level laser therapy (LLLT) attenuates inflammatory response and enhances healing of burn wounds
Journal of Biophotonics	3.8	Light-emitting diode therapy in exercise-trained mice increases muscle performance, cytochrome c oxidase activity, ATP and cell proliferation
Journal of Biophotonics	3.8	Comparative study among three different phototherapy protocols to treat chemotherapy-induced oral mucositis in hamsters
Journal of Biophotonics	3.8	Transcranial low level laser (light) therapy for traumatic brain injury
Journal of Biophotonics	3.8	Spectroscopic and histological evaluation of wound healing progression following Low Level Laser Therapy (LLLT)
Journal of Biophotonics	3.8	Photobiomodulation reduces abdominal adipose tissue inflammatory infiltrate of diet-induced obese and hyperglycemic mice
Stem Cells and Development	3.8	MicroRNA-193 Pro-Proliferation Effects for Bone Mesenchymal Stem Cells After Low-Level Laser Irradiation Treatment Through Inhibitor of Growth Family, Member 5
Anesthesia & Analgesia	3.8	Pre-Irradiation of blood by gallium aluminum arsenide (830 nm) low-level laser enhances peripheral endogenous opioid analgesia in rats.
Annals of Medicine	3.8	Taking a light approach to treating acute ischemic stroke patients: Transcranial near-infrared laser therapy translational science
Journal of Dermatological Science	3.7	Enhanced wound healing effect of canine adipose-derived mesenchymal stem cells with low-level laser therapy in athymic mice
The Cancer Journal	3.7	Pilot Study of Laser Effects on Oral Mucositis in Patients Receiving Chemotherapy
Bone	3.7	Effect of low-energy laser (He-Ne) irradiation on the process of bone repair in the rat tibia
Bone	3.7	Low-energy laser irradiation stimulates bone nodule formation at early stages of cell culture in rat calvarial cells.
Mitochondrion	3.6	Effect of near-infrared light exposure on mitochondrial signaling in C2C12 muscle cells
Mitochondrion	3.6	Mitochondrial signal transduction in accelerated wound and retinal healing by near-infrared light therapy.
Mitochondrion	3.6	Mechanisms of action of light therapy for stroke and acute myocardial infarction
Cytherapy	3.6	Prevention of skin flap necrosis by use of adipose-derived stromal cells with light-emitting diode phototherapy
Journal of Cancer Survivorship	3.5	Effect of low-level laser therapy on pain and swelling in women with breast cancer-related lymphedema: a systematic review and meta-analysis
Current Medicinal Chemistry	3.5	In Vitro Evaluation of Chloroaluminum Phthalocyanine Nanoemulsion and Low-Level Laser Therapy on Human Skin Dermal Equivalents and Bone Marrow Mesenchymal Stem Cells
Annals of Allergy, Asthma & Immunology	3.5	Narrow-band red light phototherapy in perennial allergic rhinitis and nasal polyposis.
IEEE Journal of Selected Topics in Quantum Electronics	3.5	Proposed Mechanisms of Photobiomodulation or Low-Level Light Therapy
Toxicology Letters	3.5	Donors of NO and pulsed radiation at $\lambda = 820$ nm exert effects on cell attachment to extracellular matrices.
Expert Opinion on Drug Discovery	3.5	(Drug discovery for alopecia: gone today, hair tomorrow)

Hematological Oncology	3.5	Cost-effectiveness of the introduction of specialized oral care with laser therapy in hematopoietic stem cell transplantation.
Hematological Oncology	3.5	Efficacy of cryotherapy associated with laser therapy for decreasing severity of melphalan-induced oral mucositis during hematological stem-cell transplantation: a prospective clinical study
Clinical Oral Implants Research	3.5	Laser therapy accelerates initial attachment and subsequent behaviour of human oral fibroblasts cultured on titanium implant material
Clinical Oral Implants Research	3.5	Low-level laser therapy stimulates bone–implant interaction: an experimental study in rabbits
Clinical Oral Implants Research	3.5	Osseointegration of endosseous ceramic implants after postoperative low-power laser stimulation: an in vivo comparative study
Clinical Oral Implants Research	3.5	Effect of low-power laser irradiation on bony implant sites
Journal of Neuropsychology	3.5	Improving executive function using transcranial infrared laser stimulation
Frontiers in Neuroscience	3.4	Turning On Lights to Stop Neurodegeneration: The Potential of Near Infrared Light Therapy in Alzheimer's and Parkinson's Disease
Frontiers in Behavioral Neuroscience	3.4	Neuroplastic effects of transcranial near-infrared stimulation (tNIRS) on the motor cortex
Mediators of Inflammation	3.4	Modulation of Extracellular ATP Content of Mast Cells and DRG Neurons by Irradiation: Studies on Underlying Mechanism of Low-Level-Laser Therapy
Mediators of Inflammation	3.4	Effects of low-level laser therapy on M1-related cytokine expression in monocytes via histone modification.
Mediators of Inflammation	3.4	Photobiomodulation Therapy Decreases Oxidative Stress in the Lung Tissue after Formaldehyde Exposure: Role of Oxidant/Antioxidant Enzymes.
Discovery Medicine	3.4	Therapeutic Photobiomodulation: Nitric Oxide and a Novel Function of Mitochondrial Cytochrome C Oxidase
Journal of Cellular Biochemistry	3.4	Photoactivation of Akt1/GSK3 β Isoform-Specific Signaling Axis Promotes Pancreatic β -Cell Regeneration
Experimental Gerontology	3.4	Low level laser therapy (830nm) improves bone repair in osteoporotic rats: similar outcomes at two different dosages.
Osteoporosis International	3.4	Laser 904 nm action on bone repair in rats with osteoporosis.
Journal of Neurosurgery	3.4	Intracranial application of near-infrared light in a hemi-parkinsonian rat model: the impact on behavior and cell survival
Journal of Neurosurgery	3.4	Photobiomodulation inside the brain: a novel method of applying near-infrared light intracranially and its impact on dopaminergic cell survival in MPTP-treated mice: Laboratory investigation
Investigative Ophthalmology & Visual Science	3.4	Low-intensity far-red light inhibits early lesions that contribute to diabetic retinopathy: in vivo and in vitro.
International Journal of Molecular Sciences	3.3	Regulation of miRNA Expression by Low-Level Laser Therapy (LLLT) and Photodynamic Therapy (PDT)
Journal of Comparative Neurology	3.3	Neuroprotection of midbrain dopaminergic cells in MPTP-treated mice after near-infrared light treatment.
Obesity Surgery	3.3	Efficacy of Low-Level Laser Therapy for Body Contouring and Spot Fat Reduction
BMC Cancer	3.3	The effect of low-level laser irradiation (In-Ga-Al-AsP - 660 nm) on melanoma in vitro and in vivo.
Journal of Biomedical Materials Research Part A	3.3	Effects of large-area irradiated laser phototherapy on peripheral nerve regeneration across a large gap in a biomaterial conduit
Journal of Biomedical Materials Research Part A	3.3	Light microscopic description of the effects of laser phototherapy on bone defects grafted with mineral trioxide aggregate, bone morphogenetic proteins, and guided bone regeneration in a rodent model
Journal of Biomedical Materials Research Part A	3.3	The effect of the association of near infrared laser therapy, bone morphogenetic proteins, and guided bone regeneration on tibial fractures treated with internal rigid fixation: A Raman spectroscopic study
Journal of Biomedical Materials Research Part A	3.3	Effects of laser phototherapy on bone defects grafted with mineral trioxide aggregate, bone morphogenetic proteins, and guided bone regeneration: A Raman spectroscopic study
Journal of Biomedical Materials Research Part A	3.3	Determining optimal dose of laser therapy for attachment and proliferation of human oral fibroblasts cultured on titanium implant material
Journal of Biomedical Materials Research Part A	3.3	Low-level laser therapy promotes the osteogenic potential of adipose-derived mesenchymal stem cells seeded on an acellular dermal matrix
Journal of Biomedical Materials Research Part A	3.3	Neural regeneration in a novel nerve conduit across a large gap of the transected sciatic nerve in rats with low-level laser phototherapy
Neuroscience	3.2	Light-emitting diode therapy reduces persistent inflammatory pain: Role of interleukin 10 and antioxidant enzymes
Neuroscience	3.2	Transcranial infrared laser stimulation produces beneficial cognitive and emotional effects in humans
Neuroscience	3.2	The effect of low-energy laser irradiation on apoptotic factors following experimentally induced transient cerebral ischemia
Neuroscience	3.2	Low energy laser light (632.8 nm) suppresses amyloid- β peptide-induced oxidative and inflammatory responses in astrocytes
Neuroscience	3.2	Transcranial near-infrared light therapy improves motor function following embolic strokes in rabbits: An extended therapeutic window study using continuous and pulse frequency delivery modes
Neuroscience	3.2	Photobiomodulation partially rescues visual cortical neurons from cyanide-induced apoptosis
Neuroscience	3.2	Near-infrared light via light-emitting diode treatment is therapeutic against rotenone- and 1-methyl-4-phenylpyridinium ion-induced neurotoxicity.
Neuroscience	3.2	Indirect application of near infrared light induces neuroprotection in a mouse model of parkinsonism - an abscopal neuroprotective effect.
The American Journal of Cardiology	3.2	Long-term follow-up after coronary stenting and intravascular red laser therapy
The American Journal of Cardiology	3.2	Usefulness of Intravascular Low-Power Laser Illumination in Preventing Restenosis After Percutaneous Coronary Intervention
The Journal of Rheumatology	3.2	Low level laser therapy in primary Raynaud's phenomenon—results of a placebo controlled, double blind intervention study.
American Journal of Translational Research	3.1	The hematologic effects of low intensity 650 nm laser irradiation on hypercholesterolemia rabbits.
American Journal of Clinical Dermatology	3.1	Efficacy and Safety of a Low-level Laser Device in the Treatment of Male and Female Pattern Hair Loss: A Multicenter, Randomized, Sham Device-controlled, Double-blind Study
PLOS ONE	3.1	Low-Level Laser Therapy (LLLT) in Dystrophin-Deficient Muscle Cells: Effects on Regeneration Capacity, Inflammation Response and Oxidative Stress
PLOS ONE	3.1	Low-Level Laser Irradiation Improves Functional Recovery and Nerve Regeneration in Sciatic Nerve Crush Rat Injury Model

PLOS ONE	3.1	Superpulsed Low-Level Laser Therapy Protects Skeletal Muscle of mdx Mice against Damage, Inflammation and Morphological Changes Delaying Dystrophy Progression
PLOS ONE	3.1	Effect of Low Level Laser Therapy on Chronic Compression of the Dorsal Root Ganglion
PLOS ONE	3.1	Amelioration of Cardiac Function and Activation of Anti-Inflammatory Vasoactive Peptides Expression in the Rat Myocardium by Low Level Laser Therapy
PLOS ONE	3.1	Low Level Laser Therapy Reduces the Development of Lung Inflammation Induced by Formaldehyde Exposure
PLOS ONE	3.1	Red and Infrared Low-Level Laser Therapy Prior to Injury with or without Administration after Injury Modulate Oxidative Stress during the Muscle Repair Process
PLOS ONE	3.1	Paranode Abnormalities and Oxidative Stress in Optic Nerve Vulnerable to Secondary Degeneration: Modulation by 670 nm Light Treatment.
PLOS ONE	3.1	Effect of Prophylactic Low Level Laser Therapy on Oral Mucositis: A Systematic Review and Meta-Analysis
PLOS ONE	3.1	Treatment with 670 nm light up regulates cytochrome C oxidase expression and reduces inflammation in an age-related macular degeneration model.
PLOS ONE	3.1	Human Tubal-Derived Mesenchymal Stromal Cells Associated with Low Level Laser Therapy Significantly Reduces Cigarette Smoke-Induced COPD in C57BL/6 mice
PLOS ONE	3.1	Enhancement of Ischemic Wound Healing by Spheroid Grafting of Human Adipose-Derived Stem Cells Treated with Low-Level Light Irradiation
PLOS ONE	3.1	Transcranial Low-Level Laser Therapy Improves Neurological Performance in Traumatic Brain Injury in Mice: Effect of Treatment Repetition Regimen
PLOS ONE	3.1	Low-Level Laser Therapy Activates NF- κ B via Generation of Reactive Oxygen Species in Mouse Embryonic Fibroblasts
PLOS ONE	3.1	Comparison of Therapeutic Effects between Pulsed and Continuous Wave 810-nm Wavelength Laser Irradiation for Traumatic Brain Injury in Mice
PLOS ONE	3.1	Transcranial Near-Infrared Laser Transmission (NILT) Profiles (800 nm): Systematic Comparison in Four Common Research Species.
PLOS ONE	3.1	Low-Level Laser Therapy (904 nm) Counteracts Motor Deficit of Mice Hind Limb following Skeletal Muscle Injury Caused by Snakebite-Mimicking Intramuscular Venom Injection
PLOS ONE	3.1	Laser Acupuncture Therapy in Patients with Treatment-Resistant Temporomandibular Disorders
PLOS ONE	3.1	Low-Level Laser Irradiation Stimulates Tenocyte Migration with Up-Regulation of Dynamin II Expression
PLOS ONE	3.1	Low-Power Laser Irradiation Suppresses Inflammatory Response of Human Adipose-Derived Stem Cells by Modulating Intracellular Cyclic AMP Level and NF- κ B Activity
PLOS ONE	3.1	670nm Photobiomodulation as a Novel Protection against Retinopathy of Prematurity: Evidence from Oxygen Induced Retinopathy Models
PLOS ONE	3.1	Effects of a Low Level Laser on Periodontal Tissue in Hypofunctional Teeth
PLOS ONE	3.1	Photobiomodulation Protects and Promotes Differentiation of C2C12 Myoblast Cells Exposed to Snake Venom
PLOS ONE	3.1	Tissue Responses to Postoperative Laser Therapy in Diabetic Rats Submitted to Excisional Wounds
PLOS ONE	3.1	The Effect of Low-Level Laser Irradiation on Sperm Motility, and Integrity of the Plasma Membrane and Acrosome in Cryopreserved Bovine Sperm
PLOS ONE	3.1	Amelioration of Experimental Autoimmune Encephalomyelitis in C57BL/6 Mice by Photobiomodulation Induced by 670 nm Light
Plastic and Reconstructive Surgery	3.1	Effect of low-level laser therapy on abdominal adipocytes before lipoplasty procedures.
Plastic and Reconstructive Surgery	3.1	Fat Liquefaction: Effect of Low-Level Laser Energy on Adipose Tissue.
British Journal of Ophthalmology	3.0	Photobiomodulation in the treatment of patients with non-center-involving diabetic macular oedema.
Acta Ophthalmologica	3.0	Red light of the visual spectrum attenuates cell death in culture and retinal ganglion cell death in situ.
Journal of Applied Physiology	3.0	Long-term effect of low energy laser irradiation on infarction and reperfusion injury in the rat heart
Journal of Applied Physiology	3.0	Effect of low-level laser (Ga-Al-As 655 nm) on skeletal muscle fatigue induced by electrical stimulation in rats
The Annals of Thoracic Surgery	3.0	Light-induced vasodilation of coronary arteries and its possible clinical implication.
International Journal of Stroke	3.0	Transcranial Laser Therapy for Acute Ischemic Stroke: A Pooled Analysis of NEST-1 and NEST-2
International Journal of Stroke	3.0	Laser therapy in acute stroke treatment.
Archives of Physical Medicine and Rehabilitation	3.0	Clinical Effectiveness of Low-Level Laser Therapy as an Adjunct to Eccentric Exercise for the Treatment of Achilles' Tendinopathy: A Randomized Controlled Trial
Experimental Eye Research	3.0	Recharging mitochondrial batteries in old eyes. Near infra-red increases ATP
Experimental Eye Research	3.0	Optical monitoring of retinal respiration in real time: 670 nm light increases the redox state of mitochondria.
Journal of Photochemistry and Photobiology B: Biology	3.0	Use of low level laser therapy to control neuropathic pain: A systematic review.
Journal of Photochemistry and Photobiology B: Biology	3.0	Low-level laser therapy (904 nm) can increase collagen and reduce oxidative and nitrosative stress in diabetic wounded mouse skin
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of low-level laser therapy on autogenous bone graft stabilized with a new heterologous fibrin sealant
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of low-level laser irradiation on proliferation of human dental mesenchymal stem cells; a systemic review
Journal of Photochemistry and Photobiology B: Biology	3.0	Photobiomodulatory effects of superpulsed 904 nm laser therapy on bioenergetics status in burn wound healing
Journal of Photochemistry and Photobiology B: Biology	3.0	Low level laser therapy accelerates bone healing in spinal cord injured rats
Journal of Photochemistry and Photobiology B: Biology	3.0	The effect of He-Ne and Ga-Al-As lasers on the healing of oral mucosa in diabetic mice
Journal of Photochemistry and Photobiology B: Biology	3.0	The effect of laser and botulinum toxin in the treatment of myofascial pain and mouth opening: A randomized clinical trial
Journal of Photochemistry and Photobiology B: Biology	3.0	Absorption of monochromatic and narrow band radiation in the visible and near IR by both mitochondrial and non-mitochondrial photoacceptors results in photobiomodulation.
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of low level laser therapy on inflammatory and angiogenic gene expression during the process of bone healing: A microarray analysis
Journal of Photochemistry and	3.0	Photobiomodulation with 660-nm and 780-nm laser on activated J774 macrophage-like cells: Effect on M1

Photobiology B: Biology		inflammatory markers
Journal of Photochemistry and Photobiology B: Biology	3.0	Can low-level laser therapy (LLLT) associated with an aerobic plus resistance training change the cardiometabolic risk in obese women? A placebo-controlled clinical trial
Journal of Photochemistry and Photobiology B: Biology	3.0	The effects of combined low level laser therapy and mesenchymal stem cells on bone regeneration in rabbit calvarial defects
Journal of Photochemistry and Photobiology B: Biology	3.0	Can low-level laser therapy when associated to exercise decrease adipocyte area?
Journal of Photochemistry and Photobiology B: Biology	3.0	The effect of red, green and blue lasers on healing of oral wounds in diabetic rats
Journal of Photochemistry and Photobiology B: Biology	3.0	Low level laser therapy against radiation induced oral mucositis in elderly head and neck cancer patients-a randomized placebo controlled trial
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of HeNe laser irradiation on experimental paracoccidiodomycotic lesions
Journal of Photochemistry and Photobiology B: Biology	3.0	Raman ratios on the repair of grafted surgical bone defects irradiated or not with laser ($\lambda 780$ nm) or LED ($\lambda 850$ nm)
Journal of Photochemistry and Photobiology B: Biology	3.0	The electric field induced by light can explain cellular responses to electromagnetic energy: A hypothesis of mechanism
Journal of Photochemistry and Photobiology B: Biology	3.0	Histological analysis of the periodontal ligament and alveolar bone during dental movement in diabetic rats subjected to low-level laser therapy
Journal of Photochemistry and Photobiology B: Biology	3.0	Low level laser therapy reduces acute lung inflammation in a model of pulmonary and extrapulmonary LPS-induced ARDS
Journal of Photochemistry and Photobiology B: Biology	3.0	Influence of the $\lambda 780$ nm laser light on the repair of surgical bone defects grafted or not with biphasic synthetic micro-granular hydroxylapatite + Beta-Calcium triphosphate
Journal of Photochemistry and Photobiology B: Biology	3.0	Low-level laser therapy suppresses the oxidative stress-induced glucocorticoids resistance in U937 cells: Relevance to cytokine secretion and histone deacetylase in alveolar macrophages
Journal of Photochemistry and Photobiology B: Biology	3.0	Cell-cycle delay is induced in cells of a U937 promonocytic cell line by low-intensity light irradiation at 660 nm
Journal of Photochemistry and Photobiology B: Biology	3.0	Low intensity lasers differently induce primary human osteoblast proliferation and differentiation
Journal of Photochemistry and Photobiology B: Biology	3.0	Low level laser therapy increases angiogenesis in a model of ischemic skin flap in rats mediated by VEGF, HIF-1 α and MMP-2
Journal of Photochemistry and Photobiology B: Biology	3.0	Potentiated anti-inflammatory effect of combined 780 nm and 660 nm low level laser therapy on the experimental laryngitis
Journal of Photochemistry and Photobiology B: Biology	3.0	Bone marrow aspirate combined with low-level laser therapy: A new therapeutic approach to enhance bone healing
Journal of Photochemistry and Photobiology B: Biology	3.0	Low-level laser therapy (LLLT) (660 nm) alters gene expression during muscle healing in rats
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of pulsed infra-red low level-laser irradiation on open skin wound healing of healthy and streptozotocin-induced diabetic rats by biomechanical evaluation
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of low level laser therapy on proliferation and neurotrophic factor gene expression of human schwann cells in vitro
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of laser phototherapy on wound healing following cerebral ischemia by cryogenic injury
Journal of Photochemistry and Photobiology B: Biology	3.0	Enhancement of cutaneous immune response to bacterial infection after low-level light therapy with 1072 nm infrared light: A preliminary study
Journal of Photochemistry and Photobiology B: Biology	3.0	Improvement of dermal burn healing by combining sodium alginate/chitosan-based films and low level laser therapy
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of Ga-As (904 nm) and He-Ne (632.8 nm) laser on injury potential of skin full-thickness wound
Journal of Photochemistry and Photobiology B: Biology	3.0	Increased mobility and stem-cell proliferation rate in <i>Dugesia tigrina</i> induced by 880 nm light emitting diode
Journal of Photochemistry and Photobiology B: Biology	3.0	Low intensity laser therapy (LILT) in vivo acts on the neutrophils recruitment and chemokines/cytokines levels in a model of acute pulmonary inflammation induced by aerosol of lipopolysaccharide from <i>Escherichia coli</i> in rat
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of low-level light therapy on streptozotocin-induced diabetic kidney
Journal of Photochemistry and Photobiology B: Biology	3.0	Influence of 670 nm low-level laser therapy on mast cells and vascular response of cutaneous injuries
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of phototherapy with low intensity laser on local and systemic immunomodulation following focal brain damage in rat
Journal of Photochemistry and Photobiology B: Biology	3.0	Evaluation of mitochondrial respiratory chain activity in muscle healing by low-level laser therapy
Journal of Photochemistry and Photobiology B: Biology	3.0	Low-intensity red laser on the prevention and treatment of induced-oral mucositis in hamsters
Journal of Photochemistry and Photobiology B: Biology	3.0	Influence of laser photobiomodulation upon connective tissue remodeling during wound healing
Journal of Photochemistry and Photobiology B: Biology	3.0	Anti-inflammatory effects of low-level laser therapy (LLLT) with two different red wavelengths (660 nm and 684 nm) in carrageenan-induced rat paw edema
Journal of Photochemistry and Photobiology B: Biology	3.0	The therapeutic effect of low-level laser on repair of osteochondral defects in rabbit knee
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of low-level helium-neon laser therapy on histological and ultrastructural features of immobilized rabbit articular cartilage

Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of low intensity laser interaction with human skin fibroblast cells using fiber-optic nano-probes
Journal of Photochemistry and Photobiology B: Biology	3.0	Biomodulative effects induced by 805 nm laser light irradiation of normal and tumor cells
Journal of Photochemistry and Photobiology B: Biology	3.0	Evaluation of mitochondrial respiratory chain activity in wound healing by low-level laser therapy
Journal of Photochemistry and Photobiology B: Biology	3.0	In vitro study on the safety of near infrared laser therapy in its potential application as postmastectomy lymphedema treatment.
Journal of Photochemistry and Photobiology B: Biology	3.0	Ultrastructural and autoradiographical analysis show a faster skin repair in He–Ne laser-treated wounds
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of low-level helium–neon laser therapy on the healing of third-degree burns in rats
Journal of Photochemistry and Photobiology B: Biology	3.0	The biological effects of 632.8-nm low energy He–Ne laser on peripheral blood mononuclear cells in vitro
Journal of Photochemistry and Photobiology B: Biology	3.0	Modification of the intrinsic fluorescence and the biochemical behavior of ATP after irradiation with visible and near-infrared laser light
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of low-level laser therapy on the healing of second-degree burns in rats: a histological and microbiological study
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of different protocol doses of low power gallium–aluminum–arsenate (Ga–Al–As) laser radiation (650 nm) on carrageenan induced rat paw oedema
Journal of Photochemistry and Photobiology B: Biology	3.0	Effect of helium/neon laser irradiation on nerve growth factor synthesis and secretion in skeletal muscle cultures
Journal of Photochemistry and Photobiology B: Biology	3.0	Magnetic resonance imaging (MRI) controlled outcome of side effects caused by ionizing radiation, treated with 780 nm-diode laser — preliminary results
Journal of Photochemistry and Photobiology B: Biology	3.0	Effects of visible and near-infrared lasers on cell cultures
Journal of Photochemistry and Photobiology B: Biology	3.0	Light-emitting diodes at 940nm attenuate colitis-induced inflammatory process in mice.

124 different journals

338 articles

(note: ~15 articles still to be added to the list)

This table was created by Vladimir Heiskanen. Also see my article [The Therapeutic Effects of Red and Near-Infrared Light \(2015\)](#) and the Facebook group [Low Level Laser Therapy \(LLLT\) and Photobiomodulation \(PBM\) Discussions](#). In the future, I'm aiming to write an updated blog review of LLLT/PBM.

An updated table (with new columns) is in the making...