

Phil-Sang Chung

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

788
citations

471509
17
h-index

552781
26
g-index

51
all docs

51
docs citations

51
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced angiogenic effect of adipose-derived stromal cell spheroid with low-level light therapy in hind limb ischemia mice. <i>Biomaterials</i> , 2014, 35, 9280-9289.	11.4	76
2	Revascularization and limb salvage following critical limb ischemia by nanoceria-induced Ref-1/APE1-dependent angiogenesis. <i>Biomaterials</i> , 2020, 242, 119919.	11.4	52
3	Guidelines for the Surgical Management of Oral Cancer: Korean Society of Thyroid-Head and Neck Surgery. <i>Clinical and Experimental Otorhinolaryngology</i> , 2019, 12, 107-144.	2.1	44
4	The role of TRPV1 in the CD4+ T cell-mediated inflammatory response of allergic rhinitis. <i>Oncotarget</i> , 2016, 7, 148-160.	1.8	43
5	Hypericin Uptake in Rabbits and Nude Mice Transplanted With Human Squamous Cell Carcinomas. <i>Laryngoscope</i> , 1994, 104, 1471-1476.	2.0	42
6	Enhancement of Ischemic Wound Healing by Spheroid Grafting of Human Adipose-Derived Stem Cells Treated with Low-Level Light Irradiation. <i>PLoS ONE</i> , 2015, 10, e0122776.	2.5	41
7	Adipose-derived stromal cell cluster with light therapy enhance angiogenesis and skin wound healing in mice. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 171-177.	2.1	37
8	Prevention of skin flap necrosis by use of adipose-derived stromal cells with light-emitting diode phototherapy. <i>Cytotherapy</i> , 2015, 17, 283-292.	0.7	27
9	Effect of photobiomodulation therapy on neuronal injuries by ouabain: the regulation of Na, K-ATPase; Src; and mitogen-activated protein kinase signaling pathway. <i>BMC Neuroscience</i> , 2019, 20, 19.	1.9	26
10	Multimodal endoscopy for colorectal cancer detection by optical coherence tomography and near-infrared fluorescence imaging. <i>Biomedical Optics Express</i> , 2019, 10, 2419.	2.9	26
11	Enhanced survival of ischemic skin flap by combined treatment with bone marrow-derived stem cells and low-level light irradiation. <i>Lasers in Medical Science</i> , 2018, 33, 1-9.	2.1	25
12	Photodynamic therapy with 9-hydroxypheophorbide $\hat{\pm}$ on AMC-HN-3 human head and neck cancer cells: Induction of apoptosis via photoactivation of mitochondria and endoplasmic reticulum. <i>Cancer Biology and Therapy</i> , 2009, 8, 1343-1351.	3.4	23
13	Adipose-derived stem cell spheroid treated with low-level light irradiation accelerates spontaneous angiogenesis in mouse model of hindlimb ischemia. <i>Cytotherapy</i> , 2017, 19, 1070-1078.	0.7	23
14	Sulforaphene Enhances The Efficacy of Photodynamic Therapy In Anaplastic Thyroid Cancer Through Ras/RAF/MEK/ERK Pathway Suppression. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 179, 46-53.	3.8	23
15	mTOR and ROS regulation by anethole on adipogenic differentiation in human mesenchymal stem cells. <i>BMC Cell Biology</i> , 2018, 19, 12.	3.0	23
16	Quaternary ammonium N,N,N-trimethyl chitosan derivative and povidone-iodine complex as a potent antiseptic with enhanced wound healing property. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1713-1723.	7.5	21
17	Oxidative stress induced by carboplatin promotes apoptosis and inhibits migration of HN-3 cells. <i>Oncology Letters</i> , 2018, 16, 7131-7138.	1.8	20
18	Photobiomodulation by laser therapy rescued auditory neuropathy induced by ouabain. <i>Neuroscience Letters</i> , 2016, 633, 165-173.	2.1	17

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19	Simultaneous bilateral laser therapy accelerates recovery after noise-induced hearing loss in a rat model. <i>PeerJ</i> , 2016, 4, e2252.	2.0	17
20	Safety assessment of trans-tympanic photobiomodulation. <i>Lasers in Medical Science</i> , 2016, 31, 323-333.	2.1	15
21	CXCR4 and PTEN are involved in the anti-metastatic regulation of anethole in DU145 prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 557-562.	2.1	14
22	Low-level laser therapy with 850nm recovers salivary function via membrane redistribution of aquaporin 5 by reducing intracellular Ca ²⁺ overload and ER stress during hyperglycemia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1770-1780.	2.4	14
23	A preliminary study on the efficacy and safety of low level light therapy in the management of cochlear tinnitus: A single blind randomized clinical trial. <i>International Tinnitus Journal</i> , 2019, 23, 52-57.	0.2	14
24	Photobiomodulation using low-level 808 nm diode laser rescues cochlear synaptopathy after acoustic overexposure in rat. <i>Journal of Biophotonics</i> , 2019, 12, e201900145.	2.3	12
25	Light-emitting diode irradiation using 660nm promotes human fibroblast HSP90 expression and changes cellular activity and morphology. <i>Journal of Biophotonics</i> , 2019, 12, e201900063.	2.3	12
26	Photosensitizer effect of 9-hydroxypheophorbide I_2 on diode laser-irradiated laryngeal cancer cells: Oxidative stress-directed cell death and migration suppression. <i>Oncology Letters</i> , 2016, 12, 1889-1895.	1.8	9
27	Anticancer Effect of Combined Intratumor Cisplatin Injection and Interstitial KTP Laser Therapy on Xenografted Squamous Cell Carcinoma. <i>Photomedicine and Laser Surgery</i> , 2003, 21, 23-27.	0.9	8
28	Regulation of Diabetes: a Therapeutic Strategy for Alzheimer's Disease?. <i>Journal of Korean Medical Science</i> , 2019, 34, e297.	2.5	8
29	Estrogen Replacement Reduces Hearing Threshold Shifts and Cochlear Hair Cell Loss After Acoustic Overexposure in Ovariectomized Rats. <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, 14, 61-68.	2.1	8
30	Photobiomodulation promotes adenoviral gene transduction in auditory cells. <i>Lasers in Medical Science</i> , 2019, 34, 367-375.	2.1	7
31	Survival Benefits From Surgery for Stage IVa Head and Neck Squamous Cell Carcinoma: A Multi-Institutional Analysis of 1,033 Cases. <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, 14, 225-234.	2.1	7
32	Improved healing and macrophage polarization in oral ulcers treated with photobiomodulation (PBM). <i>Lasers in Surgery and Medicine</i> , 2022, 54, 600-610.	2.1	7
33	Mechanism of H ₂ O ₂ cell apoptosis induced by carboplatin: Combination of mitochondrial pathway associated with Ca ²⁺ and the nucleus pathways. <i>Molecular Medicine Reports</i> , 2018, 18, 4978-4986.	2.4	6
34	Biochemical and Pain Comparisons Between the Laser Lancing Device and Needle Lancets for Capillary Blood Sampling: A Randomized Control Trial. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 316-323.	2.1	6
35	Trimethyl chitosan postoperative irrigation solution modulates inflammatory cytokines related to adhesion formation. <i>Carbohydrate Polymers</i> , 2022, 288, 119380.	10.2	6
36	Secondary Degeneration of Auditory Neurons after Topical Aminoglycoside Administration in a Gerbil Model. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	4

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37	Analysis of Acoustic Parameters to Objectively Reflect the Change of Voice Quality before and after Surgery in Benign Vocal Fold Mucosal Disorders. Korean Journal of Otorhinolaryngology-Head and Neck Surgery, 2016, 59, 775.	0.2	4
38	Stability and Effectiveness of Laser and Liquiband Treatments in the Rat Model of Oral Ulcer. Medical Lasers, 2021, 10, 207-213.	0.4	4
39	Effects of Low-Level Laser Irradiation in a Mouse Model of Allergic Rhinitis. Lasers in Surgery and Medicine, 2020, 52, 347-357.	2.1	3
40	TRPV1 regulates inflammatory process in the tongue of surgically induced xerostomia mouse. Head and Neck, 2020, 42, 198-209.	2.0	3
41	Decade Long Survey of Low-level Laser Therapy/Photobiomodulation (LLLT/PBM) Therapy for Oral Mucositis Treatment. Medical Lasers, 2021, 10, 138-145.	0.4	3
42	Treatment Outcome and Prognostic Factors of CO2 Laser Cordectomy for Early Glottic Cancer. Medical Lasers, 2013, 2, 24-28.	0.4	3
43	Effect of Low-level Laser Therapy on Propylthiouracil-induced Hypothyroidism Model Mice: A Pilot Study. Medical Lasers, 2021, 10, 37-44.	0.4	2
44	Design and Evaluation of a Scalding Animal Model by the Boiling Water Method. Medical Lasers, 2020, 9, 51-57.	0.4	2
45	Epiglottic Cyst Treated with Electrocautery: A Case Report. Medical Lasers, 2022, 11, 61-64.	0.4	1
46	Combination therapy using antioxidants and low level laser therapy (LLLT) on noise induced hearing loss (NIHL)., 2016,, .		0
47	Effect of Photobiomodulation on Restoration of Ionization Radiation-Induced Thyroid Dysfunction Through p53 and Retinoblastoma Signaling. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 254-264.	1.4	0
48	Recurrent Glottic Cancer Treated with Carbon Dioxide Laser: A Case Report. Medical Lasers, 2021, 10, 111-114.	0.4	0
49	Optical Coherence Tomography Images of Epithelial Ingrowth and Flap Striae in Traumatic Complication of Laser-Assisted In Situ Keratomileusis Cornea. Medical Lasers, 2016, 5, 47-49.	0.4	0
50	A Comparison of the Effects of Solid-state Lasers on Normal Guinea-pig Muscle and Skin: Using 532 nm Flashlamp-excited and Diode-excited Lasers. Medical Lasers, 2022, 11, 40-46.	0.4	0
51	Photodynamic therapy for SNU-80 anaplastic thyroid cancer cells. Medical Lasers, 2022, 11, 84-91.	0.4	0