

Antônio L B Pinheiro

List of Publications by Citations

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206
papers

4,257
citations

37
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269
ext. papers

4,743
ext. citations

3.3
avg, IF

5.15
L-index

#	Paper	IF	Citations
206	Biostimulatory windows in low-intensity laser activation: lasers, scanners, and NASA's light-emitting diode array system. <i>Photomedicine and Laser Surgery</i> , 2001 , 19, 29-33		189
205	Photoengineering of bone repair processes. <i>Photomedicine and Laser Surgery</i> , 2006 , 24, 169-78		177
204	Effect of 830-nm laser light on the repair of bone defects grafted with inorganic bovine bone and decalcified cortical osseous membrane. <i>Photomedicine and Laser Surgery</i> , 2003 , 21, 383-8		170
203	Computerized morphometric assessment of the effect of low-level laser therapy on bone repair: an experimental animal study. <i>Photomedicine and Laser Surgery</i> , 2002 , 20, 83-7		108
202	Laser therapy improves healing of bone defects submitted to autologous bone graft. <i>Photomedicine and Laser Surgery</i> , 2006 , 24, 38-44		100
201	Laser therapy in the treatment of dentine hypersensitivity. <i>Brazilian Dental Journal</i> , 2004 , 15, 144-50	1.9	95
200	Infrared laser light reduces loading time of dental implants: a Raman spectroscopic study. <i>Photomedicine and Laser Surgery</i> , 2005 , 23, 27-31		85
199	Infrared laser photobiomodulation (lambda 830 nm) on bone tissue around dental implants: a Raman spectroscopy and scanning electronic microscopy study in rabbits. <i>Photomedicine and Laser Surgery</i> , 2007 , 25, 96-101		80
198	Dose and wavelength of laser light have influence on the repair of cutaneous wounds. <i>Photomedicine and Laser Surgery</i> , 2004 , 22, 19-25		80
197	Improvement of dermal burn healing by combining sodium alginate/chitosan-based films and low level laser therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011 , 105, 51-9	6.7	79
196	Assessment of bone repair associated with the use of organic bovine bone and membrane irradiated at 830 nm. <i>Photomedicine and Laser Surgery</i> , 2005 , 23, 382-8		77
195	Laser and LED phototherapies on angiogenesis. <i>Lasers in Medical Science</i> , 2013 , 28, 981-7	3.1	74
194	Effectiveness of laser photobiomodulation at 660 or 780 nanometers on the repair of third-degree burns in diabetic rats. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 47-54		74
193	A preliminary report on the effect of laser therapy on the healing of cutaneous surgical wounds as a consequence of an inversely proportional relationship between wavelength and intensity: histological study in rats. <i>Photomedicine and Laser Surgery</i> , 2004 , 22, 513-8		72
192	Comparative chemical study of MTA and Portland cements. <i>Brazilian Dental Journal</i> , 2007 , 18, 3-7	1.9	71
191	Bone repair following bone grafting hydroxyapatite guided bone regeneration and infra-red laser photobiomodulation: a histological study in a rodent model. <i>Lasers in Medical Science</i> , 2009 , 24, 234-40	3.1	68
190	Low-level laser therapy in the management of disorders of the maxillofacial region. <i>Photomedicine and Laser Surgery</i> , 1997 , 15, 181-3		68

189	Effect of low level laser therapy on the repair of bone defects grafted with inorganic bovine bone. <i>Brazilian Dental Journal</i> , 2003 , 14, 177-81	1.9	68
188	Effects of low-level laser therapy on malignant cells: in vitro study. <i>Photomedicine and Laser Surgery</i> , 2002 , 20, 23-6		64
187	Does the use of laser photobiomodulation, bone morphogenetic proteins, and guided bone regeneration improve the outcome of autologous bone grafts? An in vivo study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 371-7		54
186	Effect of LED phototherapy of three distinct wavelengths on fibroblasts on wound healing: a histological study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 547-52		52
185	Infrared laser light further improves bone healing when associated with bone morphogenic proteins: an in vivo study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 55-60		52
184	Wavelength effect in temporomandibular joint pain: a clinical experience. <i>Lasers in Medical Science</i> , 2010 , 25, 229-32	3.1	51
183	Low-level laser therapy is an important tool to treat disorders of the maxillofacial region. <i>Photomedicine and Laser Surgery</i> , 1998 , 16, 223-6		51
182	Immunohistochemical assessment of myofibroblasts and lymphoid cells during wound healing in rats subjected to laser photobiomodulation at 660 nm. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 49-55		50
181	Laser light prevents apoptosis in Cho K-1 cell line. <i>Photomedicine and Laser Surgery</i> , 2003 , 21, 193-6		50
180	Polarized light (400-2000 nm) and non-ablative laser (685 nm): a description of the wound healing process using immunohistochemical analysis. <i>Photomedicine and Laser Surgery</i> , 2005 , 23, 485-92		49
179	Quantifying creatinine and urea in human urine through Raman spectroscopy aiming at diagnosis of kidney disease. <i>Journal of Biomedical Optics</i> , 2016 , 21, 37001	3.5	48
178	A comparative study of the effects of laser photobiomodulation on the healing of third-degree burns: a histological study in rats. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 159-66		47
177	The effect of the association of NIR laser therapy BMPs, and guided bone regeneration on tibial fractures treated with wire osteosynthesis: Raman spectroscopy study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007 , 89, 125-30	6.7	47
176	Chemical composition and antibacterial activities from the essential oils of myrtaceae species planted in Brazil. <i>Quimica Nova</i> , 2010 , 33, 104-108	1.6	45
175	Effect of laser and LED phototherapies on the healing of cutaneous wound on healthy and iron-deficient Wistar rats and their impact on fibroblastic activity during wound healing. <i>Lasers in Medical Science</i> , 2013 , 28, 799-806	3.1	44
174	The effect of laser therapy on the proliferation of oral KB carcinoma cells: an in vitro study. <i>Photomedicine and Laser Surgery</i> , 2005 , 23, 586-9		43
173	Effect of low-level laser therapy (660 nm) on angiogenesis in wound healing: a immunohistochemical study in a rodent model. <i>Brazilian Dental Journal</i> , 2013 , 24, 308-12	1.9	41
172	Infrared laser light further improves bone healing when associated with bone morphogenetic proteins and guided bone regeneration: an in vivo study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 167-74		41

171	Effect of IR laser photobiomodulation on the repair of bone defects grafted with organic bovine bone. <i>Lasers in Medical Science</i> , 2008 , 23, 313-7	3.1	40
170	Laser-induced alveolar bone changes during orthodontic movement: a histological study on rodents. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 823-30		39
169	Laser light is capable of inducing proliferation of carcinoma cells in culture: a spectroscopic in vitro study. <i>Photomedicine and Laser Surgery</i> , 2005 , 23, 300-3		37
168	BIOMODULATORY EFFECTS OF LLLT ON BONE REGENERATION. <i>Laser Therapy</i> , 2000 , 13, 73-79	0.8	36
167	Dental and oral lesions in HIV infected patients: a study in Brazil. <i>International Dental Journal</i> , 2004 , 54, 131-7	2.2	33
166	Does LED phototherapy influence the repair of bone defects grafted with MTA, bone morphogenetic proteins, and guided bone regeneration? A description of the repair process on rodents. <i>Lasers in Medical Science</i> , 2012 , 27, 1013-24	3.1	32
165	Vicker's hardness and Raman spectroscopy evaluation of a dental composite cured by an argon laser and a halogen lamp. <i>Journal of Biomedical Optics</i> , 2004 , 9, 601-8	3.5	32
164	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. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 98, 212-21	5.4	29
163	Influence of laser phototherapy (660 nm) on the outcome of oral chemical carcinogenesis on the hamster cheek pouch model: histological study. <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 741-5		28
162	Effects of laser phototherapy on bone defects grafted with mineral trioxide aggregate, bone morphogenetic proteins, and guided bone regeneration: a Raman spectroscopic study. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 95, 1041-7	5.4	28
161	Flexural strength of pure Ti, Ni-Cr and Co-Cr alloys submitted to Nd:YAG laser or TIG welding. <i>Brazilian Dental Journal</i> , 2006 , 17, 20-3	1.9	28
160	Effect of low-level laser therapy irradiation and Bio-Oss graft material on the osteogenesis process in rabbit calvarium defects: a double blind experimental study. <i>Lasers in Medical Science</i> , 2014 , 29, 925-32	3.1	27
159	Raman spectroscopy detection of molecular changes associated with two experimental models of osteoarthritis in rats. <i>Lasers in Medical Science</i> , 2014 , 29, 797-804	3.1	27
158	Influence of the combination of infrared and red laser light on the healing of cutaneous wounds infected by <i>Staphylococcus aureus</i> . <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 177-82		27
157	Photodynamic antimicrobial chemotherapy (PACT) using phenothiazine derivatives as photosensitizers against <i>Leishmania braziliensis</i> . <i>Lasers in Surgery and Medicine</i> , 2012 , 44, 850-5	3.6	26
156	Effects of LED phototherapy on bone defects grafted with MTA, bone morphogenetic proteins and guided bone regeneration: a Raman spectroscopic study. <i>Lasers in Medical Science</i> , 2012 , 27, 903-16	3.1	26
155	Tooth movement after infrared laser phototherapy: clinical study in rodents. <i>Photomedicine and Laser Surgery</i> , 2010 , 28 Suppl 2, S79-83		26
154	The efficacy of the use of IR laser phototherapy associated to biphasic ceramic graft and guided bone regeneration on surgical fractures treated with miniplates: a Raman spectral study on rabbits. <i>Lasers in Medical Science</i> , 2013 , 28, 513-8	3.1	24

153	Evaluation of laser phototherapy in the inflammatory process of the rat's TMJ induced by carrageenan. <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 245-54		24
152	New bone formation around implants inserted on autologous and xenografts irradiated or not with IR laser light: a histomorphometric study in rabbits. <i>Brazilian Dental Journal</i> , 2013 , 24, 218-23	1.9	23
151	Effectiveness of antimicrobial photodynamic therapy (AmPDT) on <i>Staphylococcus aureus</i> using phenothiazine compound with red laser. <i>Lasers in Medical Science</i> , 2017 , 32, 29-34	3.1	21
150	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. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 1257-63	5.4	21
149	Effect of 830-nm laser light on the repair of bone defects grafted with inorganic bovine bone and decalcified cortical osseus membrane. <i>Photomedicine and Laser Surgery</i> , 2003 , 21, 301-6		21
148	Influence of the use of laser phototherapy (lambda660 or 790 nm) on the survival of cutaneous flaps on diabetic rats. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 483-8		20
147	Does LLLT stimulate laryngeal carcinoma cells? An in vitro study. <i>Brazilian Dental Journal</i> , 2002 , 13, 109-129		20
146	Assessment of the behavior of myofibroblasts on scalpel and CO(2) laser wounds: an immunohistochemical study in rats. <i>Photomedicine and Laser Surgery</i> , 2002 , 20, 221-5		20
145	Laser phototherapy as a treatment for radiotherapy-induced oral mucositis. <i>Brazilian Dental Journal</i> , 2011 , 22, 162-5	1.9	19
144	The use of light photobiomodulation on the treatment of second-degree burns: a histological study of a rodent model. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 289-99		19
143	Raman study of the repair of surgical bone defects grafted with biphasic synthetic microgranular HA + β -calcium triphosphate and irradiated or not with 780 nm laser. <i>Lasers in Medical Science</i> , 2014 , 29, 1539-50	3.1	18
142	Influence of the 780nm laser light on the repair of surgical bone defects grafted or not with biphasic synthetic micro-granular hydroxylapatite+Beta-Calcium triphosphate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 131, 16-23	6.7	17
141	Effect of laser phototherapy (660 nm) on type I and III collagen expression during wound healing in hypothyroid rats: an immunohistochemical study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2014 , 32, 281-8		17
140	Effect of laser phototherapy on the hyalinization following orthodontic tooth movement in rats. <i>Photomedicine and Laser Surgery</i> , 2012 , 30, 179-85		17
139	Biomodulative effects of polarized light on the healing of cutaneous wounds on nourished and undernourished Wistar rats. <i>Photomedicine and Laser Surgery</i> , 2006 , 24, 616-24		17
138	Goldenhar's syndrome--case report. <i>Brazilian Dental Journal</i> , 2003 , 14, 67-70	1.9	17
137	Degree of conversion of composite resin: a Raman study. <i>Photomedicine and Laser Surgery</i> , 2003 , 21, 357-62		17
136	Do laser and led phototherapies influence mast cells and myofibroblasts to produce collagen?. <i>Lasers in Medical Science</i> , 2014 , 29, 1405-10	3.1	16

135	Raman ratios on the repair of grafted surgical bone defects irradiated or not with laser (880 nm) or LED (850 nm). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 138, 146-54	6.7	16
134	Effect of laser (660nm) and LED (630nm) photobiomodulation on formocresol-induced oral ulcers: a clinical and histological study on rodents. <i>Lasers in Medical Science</i> , 2015 , 30, 389-96	3.1	16
133	Raman spectroscopy validation of DIAGNOdent-assisted fluorescence readings on tibial fractures treated with laser phototherapy, BMPs, guided bone regeneration, and miniplates. <i>Photomedicine and Laser Surgery</i> , 2010 , 28 Suppl 2, S89-97		16
132	Effect of LED phototherapy (800 ± 20 nm) on TGF- β expression during wound healing: an immunohistochemical study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 605-11		16
131	Benefits of the use of the CO2 laser in orthodontics. <i>Lasers in Medical Science</i> , 2008 , 23, 459-65	3.1	16
130	Laser and LED phototherapy on midpalatal suture after rapid maxilla expansion: Raman and histological analysis. <i>Lasers in Medical Science</i> , 2017 , 32, 263-274	3.1	15
129	The efficacy of the use of IR laser phototherapy associated to biphasic ceramic graft and guided bone regeneration on surgical fractures treated with wire osteosynthesis: a comparative laser fluorescence and Raman spectral study on rabbits. <i>Lasers in Medical Science</i> , 2013 , 28, 815-22	3.1	15
128	Leishmanicidal effect of antiparasitic photodynamic therapy-ApPDT on infected macrophages. <i>Lasers in Medical Science</i> , 2017 , 32, 1959-1964	3.1	15
127	Use of laser fluorescence in dental caries diagnosis: a fluorescence x biomolecular vibrational spectroscopic comparative study. <i>Brazilian Dental Journal</i> , 2013 , 24, 59-63	1.9	15
126	Healing of surgical wounds made with lambda970-nm diode laser associated or not with laser phototherapy (lambda655 nm) or polarized light (lambda400-2000 nm). <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 489-96		15
125	Effects of laser therapy on experimental wound healing using oxidized regenerated cellulose hemostat. <i>Photomedicine and Laser Surgery</i> , 2008 , 26, 10-3		15
124	Effects of laser therapy in CO2 laser wounds in rats. <i>Photomedicine and Laser Surgery</i> , 2006 , 24, 389-96		15
123	Assessment of different energy delivery settings in laser and LED phototherapies in the inflammatory process of rat's TMJ induced by carrageenan. <i>Lasers in Medical Science</i> , 2015 , 30, 2105-13	3.1	14
122	Photobiomodulation Therapy in Oral Medicine: A Guide for the Practitioner with Focus on New Possible Protocols. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019 , 37, 669-680	2.8	14
121	Evaluation of the effects of polarized light (400-200 nm) on the healing of third-degree burns in induced diabetic and nondiabetic rats. <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 619-25		14
120	Estimating the concentration of urea and creatinine in the human serum of normal and dialysis patients through Raman spectroscopy. <i>Lasers in Medical Science</i> , 2016 , 31, 1415-23	3.1	14
119	Biochemical changes on the repair of surgical bone defects grafted with biphasic synthetic micro-granular HA + β -tricalcium phosphate induced by laser and LED phototherapies and assessed by Raman spectroscopy. <i>Lasers in Medical Science</i> , 2017 , 32, 663-672	3.1	13
118	Photodynamic Antimicrobial Chemotherapy (PACT) in osteomyelitis induced by <i>Staphylococcus aureus</i> : Microbiological and histological study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015 , 149, 235-42	6.7	13

117	Effect of the laser and light-emitting diode (LED) phototherapy on midpalatal suture bone formation after rapid maxilla expansion: a Raman spectroscopy analysis. <i>Lasers in Medical Science</i> , 2014 , 29, 859-67	3.1	13
116	LED antimicrobial photodynamic therapy with phenothiazinium dye against <i>Staphylococcus aureus</i> : An in vitro study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 175, 46-50	6.7	13
115	The efficacy of the use of IR laser phototherapy associated to biphasic ceramic graft and guided bone regeneration on surgical fractures treated with miniplates: a histological and histomorphometric study on rabbits. <i>Lasers in Medical Science</i> , 2014 , 29, 279-88	3.1	13
114	Influence of laser photobiomodulation (GaAlAs) on salivary flow rate and histomorphometry of the submandibular glands of hypothyroid rats. <i>Lasers in Medical Science</i> , 2015 , 30, 1275-80	3.1	12
113	Distribution of mast cells in benign odontogenic tumors. <i>Tumor Biology</i> , 2012 , 33, 455-61	2.9	12
112	Removal of oral lichen planus by CO ₂ laser. <i>Brazilian Dental Journal</i> , 2011 , 22, 522-6	1.9	12
111	Laser light may improve the symptoms of oral lesions of cicatricial pemphigoid: a case report. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 825-8		12
110	Detection of prostate cancer by Raman spectroscopy: A multivariate study on patients with normal and altered PSA values. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 204, 111801	6.7	11
109	ROS-induced autophagy reduces B16F10 melanoma cell proliferative activity. <i>Lasers in Medical Science</i> , 2018 , 33, 1335-1340	3.1	11
108	Do laser/LED phototherapies influence the outcome of the repair of surgical bone defects grafted with biphasic synthetic microgranular HA + β -tricalcium phosphate? A Raman spectroscopy study. <i>Lasers in Medical Science</i> , 2014 , 29, 1575-84	3.1	11
107	Assessment of thermal damage in precooled CO ₂ laser wounds using biological markers. <i>British Journal of Oral and Maxillofacial Surgery</i> , 1993 , 31, 239-43	1.4	11
106	Effects of LED phototherapy on relative wound contraction and reepithelialization during tissue repair in hypothyroid rats: morphometric and histological study. <i>Lasers in Medical Science</i> , 2014 , 29, 773-9	3.1	10
105	A new preclinical approach for treating chronic osteomyelitis induced by <i>Staphylococcus aureus</i> : in vitro and in vivo study on photodynamic antimicrobial therapy (PAmT). <i>Lasers in Medical Science</i> , 2014 , 29, 789-95	3.1	10
104	Effects of laser photobiomodulation on cutaneous wounds treated with mitomycin C: a histomorphometric and histological study in a rodent model. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 81-90		10
103	Influence of laser (870 nm) and dexamethasone on the chronology of cutaneous repair. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 639-46		10
102	Effect of LED red and IR Photobiomodulation in tongue mast cells in Wistar rats: histological study. <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 767-71		10
101	Cellular effect of low-level laser therapy on the rate and quality of bone formation in mandibular distraction osteogenesis. <i>Photomedicine and Laser Surgery</i> , 2014 , 32, 315-21		9
100	Use of the CO ₂ laser on orthodontic patients suffering from gingival hyperplasia. <i>Photomedicine and Laser Surgery</i> , 2007 , 25, 214-9		9

99	Monomer conversion of composite dental resins photoactivated by a halogen lamp and a LED: a FT-Raman spectroscopy study. <i>Quimica Nova</i> , 2005 , 28, 229-232	1.6	9
98	Photobiomodulation Therapy in Bone Repair Associated with Bone Morphogenetic Proteins and Guided Bone Regeneration: A Histomorphometric Study. <i>Photomedicine and Laser Surgery</i> , 2018 , 36, 581-588		9
97	Assessing the biochemical changes of tendons of rats in an experimental model of tenotomy under therapeutic ultrasound and LEDs (625 and 945nm) by near-infrared Raman spectroscopy. <i>Lasers in Medical Science</i> , 2015 , 30, 1729-38	3.1	8
96	Photobiomodulation and Pain Reduction in Patients Requiring Orthodontic Band Application: Randomized Clinical Trial. <i>BioMed Research International</i> , 2020 , 2020, 7460938	3	8
95	Differential diagnosis between experimental endophthalmitis and uveitis in vitreous with Raman spectroscopy and principal components analysis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012 , 107, 73-8	6.7	8
94	Polarized light (800-2000 nm) on third-degree burns in diabetic rats: immunohistochemical study. <i>Photomedicine and Laser Surgery</i> , 2010 , 28, 613-9		8
93	Anti-Trypanosoma cruzi effect of the photodynamic antiparasitic chemotherapy using phenothiazine derivatives as photosensitizers. <i>Lasers in Medical Science</i> , 2020 , 35, 79-85	3.1	8
92	Repair of surgical bone defects grafted with hydroxylapatite + β TCP and irradiated with 850 nm LED light. <i>Brazilian Dental Journal</i> , 2015 , 26, 19-25	1.9	7
91	Laser/LED phototherapy on the repair of tibial fracture treated with wire osteosynthesis evaluated by Raman spectroscopy. <i>Lasers in Medical Science</i> , 2018 , 33, 1657-1666	3.1	7
90	Photobiological effect of Laser or LED light in a thermophilic microbial consortium. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 181, 115-121	6.7	7
89	Clinical study on the efficacy of LED phototherapy for pain control in an orthodontic procedure. <i>Lasers in Medical Science</i> , 2019 , 34, 479-485	3.1	7
88	Assessment of the LED phototherapy on femoral bone defects of ovariectomized rats: a Raman spectral study. <i>Lasers in Medical Science</i> , 2014 , 29, 1269-77	3.1	7
87	Assessment of the use of LED phototherapy on bone defects grafted with hydroxyapatite on rats with iron-deficiency anemia and nonanemic: a Raman spectroscopy analysis. <i>Lasers in Medical Science</i> , 2014 , 29, 1607-15	3.1	7
86	Raman spectroscopic study of the repair of surgical bone defects grafted or not with biphasic synthetic micro-granular HA + β calcium triphosphate irradiated or not with 850nm LED light. <i>Lasers in Medical Science</i> , 2014 , 29, 1927-36	3.1	7
85	Surgical treatment of oral lymphangiomas with CO ₂ laser: report of two uncommon cases. <i>Brazilian Dental Journal</i> , 2010 , 21, 365-9	1.9	7
84	Clinical evaluation of the immediate effectiveness of GaAIA laser on the therapy of dentin hypersensitivity. <i>Journal of Applied Oral Science</i> , 2004 , 12, 363-6	3.3	7
83	LASER THERAPY IN THE TREATMENT OF DENTAL HYPERSENSITIVITY ~A Histologic Study And Clinical Application. <i>Laser Therapy</i> , 2000 , 12, 16-21	0.8	7
82	Phototherapy improves healing of cutaneous wounds in nourished and undernourished Wistar rats. <i>Brazilian Dental Journal</i> , 2004 , 15 Spec No, S121-8	1.9	7

81	Does laser phototherapy influence the proliferation of myoepithelial cells in the salivary gland of hypothyroid rats?. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 173, 681-685	6.7	6
80	Raman spectroscopy for differential diagnosis of endophthalmitis and uveitis in rabbit iris in vitro. <i>Experimental Eye Research</i> , 2010 , 91, 362-8	3.7	6
79	Biomodulative effects of visible and IR laser light on the healing of cutaneous wounds of nourished and undernourished Wistar rats. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 947-57		6
78	Functional and electrophysiological evaluation of the effect of laser therapy in the treatment of peripheral facial paralysis 2001 ,		6
77	Comparison of the effects of the CO2 laser and chlorohexidine on the decontamination of infected cutaneous wounds: a histologic study in rats. <i>Photomedicine and Laser Surgery</i> , 2002 , 20, 123-7		6
76	Composition of Xanthan gum produced by <i>Xanthomonas campestris</i> using produced water from a carbonated oil field through Raman spectroscopy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 213, 112052	6.7	6
75	Evaluation of laser phototherapy (1780 nm) after dental replantation in rats. <i>Dental Traumatology</i> , 2016 , 32, 488-494	4.5	6
74	Oral microbiological control by photodynamic action in orthodontic patients. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 28, 221-225	3.5	5
73	aPDT using nanoconcentration of 1,9-dimethylmethylene blue associated to red light is efficacious in killing <i>Enterococcus faecalis</i> ATCC 29212 in vitro. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 200, 111654	6.7	5
72	A novel technique of antimicrobial photodynamic therapy - aPDT using 1,9-dimethyl-methylene blue zinc chloride double salt-DMMB and polarized light on <i>Staphylococcus aureus</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 200, 111646	6.7	5
71	Assessment of bone healing on tibial fractures treated with wire osteosynthesis associated or not with infrared laser light and biphasic ceramic bone graft (HATCP) and guided bone regeneration (GBR): Raman spectroscopy study 2011 ,		5
70	Influence of the parameters of the Er:YAG laser on the apical sealing of apicectomized teeth. <i>Lasers in Medical Science</i> , 2011 , 26, 433-8	3.1	5
69	Assessment of bone repair following the use of anorganic bone graft and membrane associated or not to 830-nm laser light 2003 ,		5
68	Assessment of the influence of the dose and wavelength of LLLT on the repair of cutaneous wounds 2003 ,		5
67	Influence of laser therapy on the dynamic formation of extracellular matrix in standard second degree burns treated with bacterial cellulose membrane. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 182, 1-8	6.7	4
66	Effects of imiquimod and low-intensity laser (860 nm) in chemically induced oral carcinomas in hamster buccal pouch mucosa. <i>Lasers in Medical Science</i> , 2013 , 28, 1017-24	3.1	4
65	A feasible procedure in dental practice: the treatment of oral dysplastic hyperkeratotic lesions of the oral cavity with the CO2 laser. <i>Photomedicine and Laser Surgery</i> , 2010 , 28 Suppl 2, S121-6		4
64	Laser biomodulation in bone implants: a Raman spectral study. <i>International Congress Series</i> , 2003 , 1248, 449-451		4

63	Assessment of laser photobiomodulation and polarized light on the healing of cutaneous wounds on euthyroid and hypothyroid induced rats 2010 ,		3
62	Effects of a polarized light source (400-2000 nm) on Hep.2 and L929 cell lines: a spectroscopic in vitro study. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 441-6		3
61	Assessment of bone repair following the use of inorganic bone graft Gen-ox□ Inorganic and membrane associated or not with 830-nm laser light. <i>International Congress Series</i> , 2003 , 1248, 445-447		3
60	Assessment of bone repair associated with the use of organic bovine bone Gen-ox□ Organic and membrane irradiated with 830 nm. <i>International Congress Series</i> , 2003 , 1248, 441-443		3
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58	Comparative clinical evaluation of the immediate and late analgesic effect of GaAlAs diode lasers of 830 and 660 nm in the treatment of dentine pain: preliminary results 2002 ,		3
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