

# Antônio L B Pinheiro

## List of Publications by Year in descending order

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266  
papers

5,302  
citations

81743

39  
h-index

114278

63  
g-index

269  
all docs

269  
docs citations

269  
times ranked

4000  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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.  | 1.1 | 252       |
| 2  | Photoengineering of Bone Repair Processes. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 169-178.   | 2.1 | 216       |
| 3  | 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, 383-388.   | 1.1 | 184       |
| 4  | 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, 83-87.  | 1.1 | 125       |
| 5  | Laser Therapy Improves Healing of Bone Defects Submitted to Autologous Bone Graft. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 38-44.   | 2.1 | 121       |
| 6  | Laser therapy in the treatment of dentine hypersensitivity. <i>Brazilian Dental Journal</i> , 2004, 15, 144-150.   | 0.5 | 116       |
| 7  | 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.  | 2.1 | 108       |
| 8  | Infrared Laser Light Reduces Loading Time of Dental Implants: A Raman Spectroscopic Study. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 27-31.   | 2.1 | 99        |
| 9  | Dose and Wavelength of Laser Light Have Influence on the Repair of Cutaneous Wounds. <i>Photomedicine and Laser Surgery</i> , 2004, 22, 19-25.   | 1.1 | 95        |
| 10 | 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, 51-59.   | 1.7 | 94        |
| 11 | 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, 382-388.  | 2.1 | 93        |
| 12 | Comparative chemical study of MTA and portland cements. <i>Brazilian Dental Journal</i> , 2007, 18, 3-7.   | 0.5 | 84        |
| 13 | Effect of low level laser therapy on the repair of bone defects grafted with inorganic bovine bone. <i>Brazilian Dental Journal</i> , 2003, 14, 177-181.   | 0.5 | 82        |
| 14 | 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, 513-518. | 2.1 | 82        |
| 15 | 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, 234-240.  | 1.0 | 82        |
| 16 | Low-Level Laser Therapy in the Management of Disorders of the Maxillofacial Region. <i>Photomedicine and Laser Surgery</i> , 1997, 15, 181-183.  | 1.1 | 81        |
| 17 | Laser and LED phototherapies on angiogenesis. <i>Lasers in Medical Science</i> , 2013, 28, 981-987.  | 1.0 | 81        |
| 18 | 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.   | 2.1 | 80        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Effects of Low-Level Laser Therapy on Malignant Cells: In Vitro Study. <i>Photomedicine and Laser Surgery</i> , 2002, 20, 23-26.  | 1.1 | 76        |
| 20 | Quantifying creatinine and urea in human urine through Raman spectroscopy aiming at diagnosis of kidney disease. <i>Journal of Biomedical Optics</i> , 2016, 21, 037001.  | 1.4 | 67        |
| 21 | Infrared Laser Light Further Improves Bone Healing When Associated with Bone Morphogenetic Proteins: An <i>in Vivo</i> Study in a Rodent Model. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 55-60.   | 2.1 | 65        |
| 22 | Low-Level Laser Therapy Is an Important Tool to Treat Disorders of the Maxillofacial Region. <i>Photomedicine and Laser Surgery</i> , 1998, 16, 223-226.  | 1.1 | 64        |
| 23 | Does the Use of Laser Photobiomodulation, Bone Morphogenetic Proteins, and Guided Bone Regeneration Improve the Outcome of Autologous Bone Grafts? An <i>in Vivo</i> Study in a Rodent Model. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 371-377. | 2.1 | 64        |
| 24 | Wavelength effect in temporomandibular joint pain: a clinical experience. <i>Lasers in Medical Science</i> , 2010, 25, 229-232.   | 1.0 | 63        |
| 25 | 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, 547-552.   | 2.1 | 63        |
| 26 | 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, 485-492.   | 2.1 | 62        |
| 27 | Laser Light Prevents Apoptosis on Cho K-1 Cell Line. <i>Photomedicine and Laser Surgery</i> , 2003, 21, 193-196.  | 1.1 | 60        |
| 28 | 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, 125-130.   | 1.7 | 60        |
| 29 | Infrared Laser Light Further Improves Bone Healing When Associated with Bone Morphogenetic Proteins and Guided Bone Regeneration: An <i>in Vivo</i> Study in a Rodent Model. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 167-174.                  | 2.1 | 55        |
| 30 | 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.   | 2.1 | 55        |
| 31 | Chemical composition and antibacterial activities from the essential oils of myrtaceae species planted in Brazil. <i>Quimica Nova</i> , 2010, 33, 104-108.  | 0.3 | 55        |
| 32 | The Effect of Laser Therapy on the Proliferation of Oral KB Carcinoma Cells: An <i>in Vitro</i> Study. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 586-589.  | 2.1 | 53        |
| 33 | 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, 159-166.  | 2.1 | 53        |
| 34 | 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.                  | 1.0 | 52        |
| 35 | 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, 308-312.  | 0.5 | 51        |
| 36 | Laser Light Is Capable of Inducing Proliferation of Carcinoma Cells in Culture: A Spectroscopic <i>in Vitro</i> Study. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 300-303.  | 2.1 | 47        |

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|----|---|-----|-----------|
| 37 | Effect of IR laser photobiomodulation on the repair of bone defects grafted with organic bovine bone. <i>Lasers in Medical Science</i> , 2008, 23, 313-317.   | 1.0 | 47        |
| 38 | Dental and oral lesions in HIV infected patients: a study in Brazil. <i>International Dental Journal</i> , 2004, 54, 131-137.   | 1.0 | 46        |
| 39 | BIOMODULATORY EFFECTS OF LLLT ON BONE REGENERATION. <i>Laser Therapy</i> , 2000, 13, 73-79.   | 0.8 | 44        |
| 40 | Laser-Induced Alveolar Bone Changes During Orthodontic Movement: A Histological Study on Rodents. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 823-830.   | 2.1 | 41        |
| 41 | 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, 20-23.   | 0.5 | 41        |
| 42 | Advances and Perspectives on Tissue Repair and Healing. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 833-836.   | 2.1 | 39        |
| 43 | 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, 1013-1024.   | 1.0 | 39        |
| 44 | 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.   | 1.4 | 36        |
| 45 | 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, 177-182.  | 2.1 | 36        |
| 46 | Influence of Laser Phototherapy (660nm) on the Outcome of Oral Chemical Carcinogenesis on the Hamster Cheek Pouch Model: Histological Study. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 741-745.  | 2.1 | 35        |
| 47 | Photodynamic antimicrobial chemotherapy (PACT) using phenothiazine derivatives as photosensitizers against <i>Leishmania braziliensis</i> . <i>Lasers in Surgery and Medicine</i> , 2012, 44, 850-855.  | 1.1 | 35        |
| 48 | 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, 903-916.  | 1.0 | 35        |
| 49 | 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.  | 1.0 | 35        |
| 50 | Tooth Movement After Infrared Laser Phototherapy: Clinical Study in Rodents. <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-79-S-83.  | 2.1 | 33        |
| 51 | Laser phototherapy as a treatment for radiotherapy-induced oral mucositis. <i>Brazilian Dental Journal</i> , 2011, 22, 162-165.   | 0.5 | 31        |
| 52 | 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, 98A, 212-221. | 2.1 | 31        |
| 53 | Evaluation of Laser Phototherapy in the Inflammatory Process of the Rat's TMJ Induced by Carrageenan. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 245-254.   | 2.1 | 31        |
| 54 | 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, 95A, 1041-1047.                         | 2.1 | 30        |

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|----|---|-----|-----------|
| 55 | 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, 513-518.                                      | 1.0 | 30        |
| 56 | 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, 925-932.  | 1.0 | 30        |
| 57 | 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, 218-223.  | 0.5 | 29        |
| 58 | Goldenhar's syndrome: case report. <i>Brazilian Dental Journal</i> , 2003, 14, 67-70.   | 0.5 | 28        |
| 59 | Does LLLT stimulate laryngeal carcinoma cells? An "in vitro" study. <i>Brazilian Dental Journal</i> , 2002, 13, 109-112.  | 0.5 | 27        |
| 60 | 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, 94A, 1257-1263. | 2.1 | 27        |
| 61 | 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.  | 1.0 | 27        |
| 62 | Assessment of the Behavior of Myofibroblasts on Scalpel and CO <sub>2</sub> Laser Wounds: An Immunohistochemical Study in Rats. <i>Photomedicine and Laser Surgery</i> , 2002, 20, 221-225.   | 1.1 | 26        |
| 63 | 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, 289-299.  | 2.1 | 25        |
| 64 | 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, 616-624.  | 2.1 | 24        |
| 65 | 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.  | 0.7 | 24        |
| 66 | Degree of Conversion of Composite Resin: A Raman Study. <i>Photomedicine and Laser Surgery</i> , 2003, 21, 357-362.   | 1.1 | 23        |
| 67 | Influence of the Use of Laser Phototherapy (660 or 790nm) on the Survival of Cutaneous Flaps on Diabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 483-488.  | 2.1 | 23        |
| 68 | 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, 301-306.   | 1.1 | 22        |
| 69 | Healing of Surgical Wounds Made with 970-nm Diode Laser Associated or Not with Laser Phototherapy (655nm) or Polarized Light (400-2000nm). <i>Photomedicine and Laser Surgery</i> , 2010, 28, 489-496.  | 2.1 | 21        |
| 70 | 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.   | 0.5 | 21        |
| 71 | Raman study of the repair of surgical bone defects grafted with biphasic synthetic microgranular HA+ $\beta$ -calcium triphosphate and irradiated or not with 780nm laser. <i>Lasers in Medical Science</i> , 2014, 29, 1539-1550.  | 2.1 | 21        |
| 72 | 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, 859-867.   | 1.0 | 21        |

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|----|--|-----|-----------|
| 73 | Effect of Laser Phototherapy (λ660nm) 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, 281-288.  | 2.1 | 21        |
| 74 | Effect of laser (λ 660nm) and LED (λ 630nm) photobiomodulation on formocresol-induced oral ulcers: a clinical and histological study on rodents. <i>Lasers in Medical Science</i> , 2015, 30, 389-396.   | 1.0 | 20        |
| 75 | 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, 1415-1423.   | 1.0 | 20        |
| 76 | 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.  | 1.0 | 20        |
| 77 | Evaluation of the Effects of Polarized Light (λ400-200nm) on the Healing of Third-Degree Burns in Induced Diabetic and Nondiabetic Rats. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 619-625.   | 2.1 | 19        |
| 78 | Effect of Laser Phototherapy on the Hyalinization Following Orthodontic Tooth Movement in Rats. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 179-185.  | 2.1 | 19        |
| 79 | Influence of the λ780nm 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.   | 1.7 | 19        |
| 80 | Raman ratios on the repair of grafted surgical bone defects irradiated or not with laser (λ780nm) or LED (λ850nm). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 146-154.  | 1.7 | 19        |
| 81 | Effects of Laser Therapy in CO <sub>2</sub> Laser Wounds in Rats. <i>Photomedicine and Laser Surgery</i> , 2006, 24, 389-396.  | 2.1 | 18        |
| 82 | Benefits of the use of the CO <sub>2</sub> laser in orthodontics. <i>Lasers in Medical Science</i> , 2008, 23, 459-465.  | 1.0 | 18        |
| 83 | Effects of Laser Therapy on Experimental Wound Healing Using Oxidized Regenerated Cellulose Hemostat. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 10-13.  | 2.1 | 18        |
| 84 | Effect of LED Phototherapy (λ700±20nm) on TGF-β <sup>2</sup> Expression During Wound Healing: An Immunohistochemical Study in a Rodent Model. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 605-611.  | 2.1 | 18        |
| 85 | 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, 815-822. | 1.0 | 18        |
| 86 | Do laser and led phototherapies influence mast cells and myofibroblasts to produce collagen?. <i>Lasers in Medical Science</i> , 2014, 29, 1405-1410.  | 1.0 | 18        |
| 87 | Leishmanicidal effect of antiparasitic photodynamic therapy (ApPDT) on infected macrophages. <i>Lasers in Medical Science</i> , 2017, 32, 1959-1964.   | 1.0 | 18        |
| 88 | 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.   | 1.7 | 18        |
| 89 | Assessment of different energy delivery settings in laser and LED phototherapies in the inflammatory process of rat (TMJ) induced by carrageenan. <i>Lasers in Medical Science</i> , 2015, 30, 2105-2113.  | 1.0 | 17        |
| 90 | 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, S-89-S-97.  | 2.1 | 16        |

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|-----|--|-----|-----------|
| 91  | Removal of oral lichen planus by CO2 laser. <i>Brazilian Dental Journal</i> , 2011, 22, 522-526.   | 0.5 | 16        |
| 92  | Distribution of mast cells in benign odontogenic tumors. <i>Tumor Biology</i> , 2012, 33, 455-461.   | 0.8 | 16        |
| 93  | 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, 279-288. | 1.0 | 16        |
| 94  | Effect of LED Red and IR Photobiomodulation in Tongue Mast Cells in Wistar Rats: Histological Study. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 767-771.   | 2.1 | 15        |
| 95  | 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, 235-242.   | 1.7 | 15        |
| 96  | Biochemical changes on the repair of surgical bone defects grafted with biphasic synthetic micro-granular HA + $\beta$ -tricalcium phosphate induced by laser and LED phototherapies and assessed by Raman spectroscopy. <i>Lasers in Medical Science</i> , 2017, 32, 663-672. | 1.0 | 15        |
| 97  | 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.   | 1.7 | 15        |
| 98  | 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.  | 1.7 | 15        |
| 99  | Do laser/LED phototherapies influence the outcome of the repair of surgical bone defects grafted with biphasic synthetic microgranular HA + $\beta$ -tricalcium phosphate? A Raman spectroscopy study. <i>Lasers in Medical Science</i> , 2014, 29, 1575-1584.                 | 1.0 | 14        |
| 100 | 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, 1275-1280.   | 1.0 | 14        |
| 101 | ROS-induced autophagy reduces B16F10 melanoma cell proliferative activity. <i>Lasers in Medical Science</i> , 2018, 33, 1335-1340.   | 1.0 | 14        |
| 102 | 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.   | 1.0 | 14        |
| 103 | Oral microbiological control by photodynamic action in orthodontic patients. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 221-225.   | 1.3 | 14        |
| 104 | Anti- <i>Trypanosoma cruzi</i> effect of the photodynamic antiparasitic chemotherapy using phenothiazine derivatives as photosensitizers. <i>Lasers in Medical Science</i> , 2020, 35, 79-85.  | 1.0 | 14        |
| 105 | Laser Light May Improve the Symptoms of Oral Lesions of Cicatricial Pemphigoid: A Case Report. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 825-828.   | 2.1 | 13        |
| 106 | Photobiomodulation and Pain Reduction in Patients Requiring Orthodontic Band Application: Randomized Clinical Trial. <i>BioMed Research International</i> , 2020, 2020, 1-10.  | 0.9 | 13        |
| 107 | Xanthan gum produced by <i>Xanthomonas campestris</i> using produced water and crude glycerin as an environmentally friendlier agent to enhance oil recovery. <i>Fuel</i> , 2022, 310, 122421.   | 3.4 | 13        |
| 108 | Assessment of thermal damage in precooled CO2 laser wounds using biological markers. <i>British Journal of Oral and Maxillofacial Surgery</i> , 1993, 31, 239-243.   | 0.4 | 12        |

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|-----|--|-----|-----------|
| 109 | 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.  | 2.1 | 12        |
| 110 | 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, 773-779.   | 1.0 | 12        |
| 111 | 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, 315-321.   | 2.1 | 12        |
| 112 | Assessing the biochemical changes of tendons of rats in an experimental model of tenotomy under therapeutic ultrasound and LEDs (625 and 945Ånm) by near-infrared Raman spectroscopy. <i>Lasers in Medical Science</i> , 2015, 30, 1729-1738.                          | 1.0 | 12        |
| 113 | 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.   | 2.1 | 12        |
| 114 | Use of the CO <sub>2</sub> Laser on Orthodontic Patients Suffering from Gingival Hyperplasia. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 214-219.  | 2.1 | 11        |
| 115 | Surgical treatment of oral lymphangiomas with CO <sub>2</sub> laser: report of two uncommon cases. <i>Brazilian Dental Journal</i> , 2010, 21, 365-369.  | 0.5 | 11        |
| 116 | Influence of Laser (λ670Ånm) and Dexamethasone on the Chronology of Cutaneous Repair. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 639-646.  | 2.1 | 11        |
| 117 | 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, 789-795.                                 | 1.0 | 11        |
| 118 | Evaluation of laser phototherapy (λ780 nm) after dental replantation in rats. <i>Dental Traumatology</i> , 2016, 32, 488-494.  | 0.8 | 11        |
| 119 | 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.  | 0.3 | 11        |
| 120 | Polarized Light (λ400Å2000Ånm) on Third-Degree Burns in Diabetic Rats: Immunohistochemical Study. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 613-619.  | 2.1 | 10        |
| 121 | Raman spectroscopy for differential diagnosis of endophthalmitis and uveitis in rabbit iris in vitro. <i>Experimental Eye Research</i> , 2010, 91, 362-368.  | 1.2 | 10        |
| 122 | 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.  | 1.0 | 10        |
| 123 | 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.                       | 1.7 | 10        |
| 124 | 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, 73-78.  | 1.7 | 9         |
| 125 | A novel technique of antimicrobial photodynamic therapy ÅaPDT 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. | 1.7 | 9         |
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