

Vanderlei Salvador Bagnato

List of Publications by Year in descending order

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Version: 2024-02-01

422
papers

9,135
citations

50170

46
h-index

64668

79
g-index

446
all docs

446
docs citations

446
times ranked

8354
citing authors

#	ARTICLE	IF	CITATIONS
1	Experiments and theory in cold and ultracold collisions. <i>Reviews of Modern Physics</i> , 1999, 71, 1-85.	16.4	808
2	Photobiomodulation on the Angiogenesis of Skin Wounds in Rats Using Different Light Sources. <i>Photomedicine and Laser Surgery</i> , 2007, 25, 102-106.	2.1	202
3	Investigation of the Photodynamic Effects of Curcumin Against <i>Candida albicans</i> . <i>Photochemistry and Photobiology</i> , 2011, 87, 895-903.	1.3	188
4	HUMIFICATION DEGREE OF SOIL HUMIC ACIDS DETERMINED BY FLUORESCENCE SPECTROSCOPY. <i>Soil Science</i> , 2002, 167, 739-749.	0.9	171
5	Hardness evaluation of a dental composite polymerized with experimental LED-based devices. <i>Dental Materials</i> , 2001, 17, 309-315.	1.6	157
6	Temperature Variation at Soft Periodontal and Rat Bone Tissues during a Medium-Power Diode Laser Exposure. <i>Photomedicine and Laser Surgery</i> , 2004, 22, 519-522.	2.1	148
7	Characterization of humic acids from a Brazilian Oxisol under different tillage systems by EPR, ¹³ C NMR, FTIR and fluorescence spectroscopy. <i>Geoderma</i> , 2004, 118, 181-190.	2.3	145
8	Susceptibility of <i>Candida albicans</i> to photodynamic therapy in a murine model of oral candidosis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, 392-401.	1.6	139
9	Low-Level Laser (Light) Therapy Increases Mitochondrial Membrane Potential and ³² P-ATP Synthesis in C2C12 Myotubes with a Peak Response at 3 h. <i>Photochemistry and Photobiology</i> , 2015, 91, 411-416.	1.3	136
10	Fungicidal effect of photodynamic therapy against fluconazole-resistant <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>Mycoses</i> , 2011, 54, 123-130.	1.8	132
11	Curcumin-mediated photodynamic inactivation of <i>Candida albicans</i> in a murine model of oral candidiasis. <i>Medical Mycology</i> , 2013, 51, 243-251.	0.3	132
12	Photodynamic potential of curcumin and blue LED against <i>Streptococcus mutans</i> in a planktonic culture. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 313-319.	1.3	131
13	Susceptibility of clinical isolates of <i>Candida</i> to photodynamic effects of curcumin. <i>Lasers in Surgery and Medicine</i> , 2011, 43, 927-934.	1.1	121
14	Carbon-Based Materials in Photodynamic and Photothermal Therapies Applied to Tumor Destruction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 22.	1.8	115
15	Photodynamic antimicrobial therapy of curcumin in biofilms and carious dentine. <i>Lasers in Medical Science</i> , 2014, 29, 629-635.	1.0	114
16	In Vitro Wound Healing Improvement by Low-Level Laser Therapy Application in Cultured Gingival Fibroblasts. <i>International Journal of Dentistry</i> , 2012, 2012, 1-6.	0.5	108
17	Quantum turbulence in trapped atomic Bose-Einstein condensates. <i>Physics Reports</i> , 2016, 622, 1-52.	10.3	107
18	Curcumin as a photosensitizer: From molecular structure to recent advances in antimicrobial photodynamic therapy. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2020, 45, 100384.	5.6	106

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19	Future of oncologic photodynamic therapy. <i>Future Oncology</i> , 2010, 6, 929-940.	1.1	104
20	Effect of different pre-irradiation times on curcumin-mediated photodynamic therapy against planktonic cultures and biofilms of <i>Candida</i> spp. <i>Archives of Oral Biology</i> , 2013, 58, 200-210.	0.8	98
21	Effects of Photodynamic Therapy with Blue Light and Curcumin as Mouth Rinse for Oral Disinfection: A Randomized Controlled Trial. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 627-632.	2.1	98
22	The future of photodynamic therapy in oncology. <i>Future Oncology</i> , 2006, 2, 53-71.	1.1	92
23	Phototoxic effect of curcumin on methicillin-resistant <i>Staphylococcus aureus</i> and L929 fibroblasts. <i>Lasers in Medical Science</i> , 2013, 28, 391-398.	1.0	92
24	Photodynamic Effects of Curcumin Against Cariogenic Pathogens. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 393-399.	2.1	90
25	Antimicrobial Photodynamic Action on Dentin Using a Light-Emitting Diode Light Source. <i>Photomedicine and Laser Surgery</i> , 2008, 26, 281-287.	2.1	88
26	Prevention of viral transmission during lung transplantation with hepatitis C-viraemic donors: an open-label, single-centre, pilot trial. <i>Lancet Respiratory Medicine</i> , 2020, 8, 192-201.	5.2	87
27	Inactivating hepatitis C virus in donor lungs using light therapies during normothermic ex vivo lung perfusion. <i>Nature Communications</i> , 2019, 10, 481.	5.8	86
28	Time response of increases in ATP and muscle resistance to fatigue after low-level laser (light) therapy (LLLT) in mice. <i>Lasers in Medical Science</i> , 2015, 30, 1259-1267.	1.0	78
29	Overall-Mouth Disinfection by Photodynamic Therapy Using Curcumin. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 96-101.	2.1	76
30	Vortices and turbulence in trapped atomic condensates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4719-4726.	3.3	76
31	Polymeric Nanoparticle-Based Photodynamic Therapy for Chronic Periodontitis in Vivo. <i>International Journal of Molecular Sciences</i> , 2016, 17, 769.	1.8	76
32	Effects of ultraviolet light and curcumin-mediated photodynamic inactivation on microbiological food safety: A study in meat and fruit. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101678.	1.3	66
33	Photobiological characteristics of chlorophyll a derivatives as microbial PDT agents. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1137-1145.	1.6	61
34	Susceptibility of <i>Staphylococcus aureus</i> to porphyrin-mediated photodynamic antimicrobial chemotherapy: an in vitro study. <i>Lasers in Medical Science</i> , 2010, 25, 391-395.	1.0	60
35	Tillage and cropping system effects on soil humic acid characteristics as determined by electron spin resonance and fluorescence spectroscopies. <i>Geoderma</i> , 2002, 105, 81-92.	2.3	59
36	Experience and BCC subtypes as determinants of MAL-PDT response: Preliminary results of a national Brazilian project. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 22-26.	1.3	56

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37	Antibacterial Photodynamic Inactivation of Antibiotic-Resistant Bacteria and Biofilms with Nanomolar Photosensitizer Concentrations. <i>ACS Infectious Diseases</i> , 2020, 6, 1517-1526.	1.8	56
38	Photodynamic inactivation of clinical isolates of <i>Candida</i> using Photodithazine [®] . <i>Biofouling</i> , 2013, 29, 1057-1067.	0.8	55
39	Graphene Oxide Mediated Broad-Spectrum Antibacterial Based on Bimodal Action of Photodynamic and Photothermal Effects. <i>Frontiers in Microbiology</i> , 2019, 10, 2995.	1.5	55
40	Antimicrobial photodynamic therapy against pathogenic bacterial suspensions and biofilms using chloro-aluminum phthalocyanine encapsulated in nanoemulsions. <i>Lasers in Medical Science</i> , 2015, 30, 549-559.	1.0	54
41	Light-emitting diode therapy in exercise-trained mice increases muscle performance, cytochrome c oxidase activity, ATP and cell proliferation. <i>Journal of Biophotonics</i> , 2015, 8, 740-754.	1.1	54
42	Treatment of Oral Candidiasis Using Photodithazine [®] - Mediated Photodynamic Therapy In Vivo. <i>PLoS ONE</i> , 2016, 11, e0156947.	1.1	54
43	Effectiveness of Photodynamic Therapy for the Inactivation of <i>Candida</i> spp. on Dentures: In Vitro Study. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 827-833.	2.1	53
44	Photodynamic inactivation of microorganisms present on complete dentures. A clinical investigation. <i>Lasers in Medical Science</i> , 2012, 27, 161-168.	1.0	50
45	The filler content of the dental composite resins and their influence on different properties. <i>Microscopy Research and Technique</i> , 2012, 75, 758-765.	1.2	49
46	Comparative clinical study of light analgesic effect on temporomandibular disorder (TMD) using red and infrared led therapy. <i>Lasers in Medical Science</i> , 2015, 30, 815-822.	1.0	49
47	Photodynamic inactivation of a multispecies biofilm using curcumin and LED light. <i>Lasers in Medical Science</i> , 2016, 31, 997-1009.	1.0	48
48	Low intensity lasers differently induce primary human osteoblast proliferation and differentiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 14-21.	1.7	47
49	Light-emitting diode therapy (LEDT) before matches prevents increase in creatine kinase with a light dose response in volleyball players. <i>Lasers in Medical Science</i> , 2015, 30, 1281-1287.	1.0	46
50	Susceptibility of multispecies biofilm to photodynamic therapy using Photodithazine [®] . <i>Lasers in Medical Science</i> , 2015, 30, 685-694.	1.0	45
51	One-Pot Microwave-Assisted Synthesis of Carbon Dots and in vivo and in vitro Antimicrobial Photodynamic Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 662149.	1.5	44
52	Biomodulation of Inflammatory Cytokines Related to Oral Mucositis by Low-Level Laser Therapy. <i>Photochemistry and Photobiology</i> , 2015, 91, 952-956.	1.3	43
53	Oral Decontamination of Orthodontic Patients Using Photodynamic Therapy Mediated by Blue-Light Irradiation and Curcumin Associated with Sodium Dodecyl Sulfate. <i>Photomedicine and Laser Surgery</i> , 2016, 34, 411-417.	2.1	42
54	Pneumonia treatment by photodynamic therapy with extracorporeal illumination – an experimental model. <i>Physiological Reports</i> , 2017, 5, e13190.	0.7	42

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55	Evaluation of degree of conversion and hardness of dental composites photo-activated with different light guide tips. <i>European Journal of Dentistry</i> , 2013, 7, 86-93.	0.8	42
56	Denture stomatitis treated with photodynamic therapy: five cases. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, 602-608.	1.6	41
57	Violet LED with low concentration carbamide peroxide for dental bleaching: A case report. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 270-272.	1.3	41
58	Realization of inverse Kibble-Zurek scenario with trapped Bose gases. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 1366-1371.	0.9	40
59	Comparative Effects of Photodynamic Therapy mediated by Curcumin on Standard and Clinical Isolate of <i>Streptococcus mutans</i> . <i>Journal of Contemporary Dental Practice</i> , 2015, 16, 1-6.	0.2	40
60	In Vitro effect of low-level laser therapy on typical oral microbial biofilms. <i>Brazilian Dental Journal</i> , 2011, 22, 502-510.	0.5	39
61	Photodynamic therapy in root canals contaminated with <i>Enterococcus faecalis</i> using curcumin as photosensitizer. <i>Lasers in Medical Science</i> , 2015, 30, 1867-1872.	1.0	39
62	Effects of Infrared-LED Illumination Applied During High-Intensity Treadmill Training in Postmenopausal Women. <i>Photomedicine and Laser Surgery</i> , 2011, 29, 639-645.	2.1	38
63	Photodiagnosis and treatment of condyloma acuminatum using 5-aminolevulinic acid and homemade devices. <i>Photodiagnosis and Photodynamic Therapy</i> , 2012, 9, 60-68.	1.3	38
64	Application of an active attachment model as a high-throughput demineralization biofilm model. <i>Journal of Dentistry</i> , 2012, 40, 41-47.	1.7	38
65	Evaluation of photodynamic therapy on fibroblast viability and cytokine production. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 97-100.	1.3	36
66	Degree of conversion of nanofilled and microhybrid composite resins photo-activated by different generations of LEDs. <i>Journal of Applied Oral Science</i> , 2012, 20, 212-217.	0.7	34
67	Low-level laser therapy (LLLT) combined with swimming training improved the lipid profile in rats fed with high-fat diet. <i>Lasers in Medical Science</i> , 2013, 28, 1271-1280.	1.0	34
68	Fast elimination of onychomycosis by hematoporphyrin derivative-photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 328-330.	1.3	34
69	Identification of skin lesions through aminolaevulinic acid-mediated photodynamic detection. <i>Photodiagnosis and Photodynamic Therapy</i> , 2014, 11, 409-415.	1.3	34
70	Avoiding ventilator-associated pneumonia: Curcumin-functionalized endotracheal tube and photodynamic action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22967-22973.	3.3	34
71	COVID-19: Beyond the virus. The use of photodynamic therapy for the treatment of infections in the respiratory tract. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101804.	1.3	34
72	Muscular pre-conditioning using light-emitting diode therapy (LEDT) for high-intensity exercise: a randomized double-blind placebo-controlled trial with a single elite runner. <i>Physiotherapy Theory and Practice</i> , 2015, 31, 354-361.	0.6	33

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73	Photodynamic inactivation of a multispecies biofilm using Photodithazine® and LED light after one and three successive applications. <i>Lasers in Medical Science</i> , 2015, 30, 2303-2312.	1.0	33
74	Clinical Comparison of Two Photosensitizers for Oral Cavity Decontamination. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 105-110.	2.1	33
75	Photodynamic inactivation of four <i>Candida</i> species induced by photogem®. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 42-49.	0.8	32
76	Infrared LED irradiation applied during high-intensity treadmill training improves maximal exercise tolerance in postmenopausal women: a 6-month longitudinal study. <i>Lasers in Medical Science</i> , 2013, 28, 415-422.	1.0	32
77	Antimicrobial action of photodynamic therapy in root canals using LED curing light, curcumin and carbopol gel. <i>International Endodontic Journal</i> , 2019, 52, 1010-1019.	2.3	31
78	Microbial reduction in periodontal pockets under exposition of a medium power diode laser: An experimental study in rats. <i>Lasers in Surgery and Medicine</i> , 2004, 35, 263-268.	1.1	30
79	Thermodynamics of an ideal gas of bosons harmonically trapped: equation of state and susceptibilities. <i>Brazilian Journal of Physics</i> , 2005, 35, 607-613.	0.7	30
80	Synergic effects of ultrasound and laser on the pain relief in women with hand osteoarthritis. <i>Lasers in Medical Science</i> , 2015, 30, 279-286.	1.0	30
81	Curcumin-loaded Pluronic® F127 Micelles as a Drug Delivery System for Curcumin-mediated Photodynamic Therapy for Oral Application. <i>Photochemistry and Photobiology</i> , 2021, 97, 1072-1088.	1.3	30
82	Photodynamic therapy for anal cancer. <i>Photodiagnosis and Photodynamic Therapy</i> , 2010, 7, 115-119.	1.3	29
83	New treatment of cellulite with infrared-LED illumination applied during high-intensity treadmill training. <i>Journal of Cosmetic and Laser Therapy</i> , 2011, 13, 166-171.	0.3	29
84	Low level laser therapy modulates viability, alkaline phosphatase and matrix metalloproteinase-2 activities of osteoblasts. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 35-40.	1.7	29
85	Reduced methicillin-resistant <i>Staphylococcus aureus</i> biofilm formation in bone cavities by photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 219-223.	1.3	29
86	Strategies to Improve the Antimicrobial Efficacy of Photodynamic, Sonodynamic, and Sonophotodynamic Therapies. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 1113-1121.	1.1	29
87	Longitudinal effect of curcumin-photodynamic antimicrobial chemotherapy in adolescents during fixed orthodontic treatment: a single-blind randomized clinical trial study. <i>Lasers in Medical Science</i> , 2015, 30, 2059-2065.	1.0	28
88	Long Term Effectiveness of Photodynamic Therapy for CIN Treatment. <i>Pharmaceuticals</i> , 2019, 12, 107.	1.7	28
89	Photodynamic inactivation mediated by methylene blue or chlorin e6 against <i>Streptococcus mutans</i> biofilm. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101817.	1.3	28
90	Evaluation of Fluorescence of Dental Composites Using Contrast Ratios to Adjacent Tooth Structure: A Pilot Study. <i>Journal of Esthetic and Restorative Dentistry</i> , 2007, 19, 199-206.	1.8	27

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91	In vivo evaluation of photodynamic inactivation using Photodithazine [®] against <i>Candida albicans</i> . <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1319-1328.	1.6	27
92	Potential of curcumin-mediated photodynamic inactivation to reduce oral colonization. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 46-52.	1.3	27
93	Photodynamic Inactivation of Cariogenic Pathogens Using Curcumin as Photosensitizer. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 259-263.	2.1	27
94	Bose's "Einstein condensation on curved manifolds. <i>New Journal of Physics</i> , 2020, 22, 063059.	1.2	27
95	The potential of phototherapy to reduce body fat, insulin resistance and "metabolic inflexibility" related to obesity in women undergoing weight loss treatment. <i>Lasers in Surgery and Medicine</i> , 2015, 47, 634-642.	1.1	26
96	Photoinactivation of single and mixed biofilms of <i>Candida albicans</i> and non- <i>albicans Candida</i> species using Photodithazine [®] . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 194-199.	1.3	26
97	Ultrasound plus low-level laser therapy for knee osteoarthritis rehabilitation: a randomized, placebo-controlled trial. <i>Rheumatology International</i> , 2018, 38, 785-793.	1.5	26
98	A Novel 785-nm Laser Diode-Based System for Standardization of Cell Culture Irradiation. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 466-473.	2.1	25
99	Bose's "Einstein condensation in spherically symmetric traps. <i>American Journal of Physics</i> , 2019, 87, 924-934.	0.3	25
100	Evaluation of vascular effect of Photodynamic Therapy in chorioallantoic membrane using different photosensitizers. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 1-7.	1.7	24
101	Single visit PDT for basal cell carcinoma " A new therapeutic protocol. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 26, 375-382.	1.3	24
102	Noninvasive assessments of skin glycated proteins by fluorescence and Raman techniques in diabetics and nondiabetics. <i>Journal of Biophotonics</i> , 2019, 12, e201800162.	1.1	23
103	Nebulization as a tool for photosensitizer delivery to the respiratory tract. <i>Journal of Biophotonics</i> , 2019, 12, e201800189.	1.1	23
104	Photolarvicidal effect of curcuminoids from <i>Curcuma longa</i> Linn. against <i>Aedes aegypti</i> larvae. <i>Journal of Asia-Pacific Entomology</i> , 2019, 22, 151-158.	0.4	23
105	Evaluation of Antimicrobial Photodynamic Therapy against <i>Streptococcus mutans</i> Biofilm in situ. <i>Journal of Contemporary Dental Practice</i> , 2016, 17, 184-191.	0.2	23
106	Effects of excess body mass on strength and fatigability of quadriceps in postmenopausal women. <i>Menopause</i> , 2012, 19, 556-561.	0.8	22
107	Correlation between light transmission and permeability of human dentin. <i>Lasers in Medical Science</i> , 2012, 27, 191-196.	1.0	22
108	Low-Level Laser Therapy in Pediatric Bell's Palsy: Case Report in a Three-Year-Old Child. <i>Journal of Alternative and Complementary Medicine</i> , 2013, 19, 376-382.	2.1	22

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109	Antimicrobial Photodynamic Therapy mediated by Photodithazine [®] in the treatment of denture stomatitis: A case report. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 168-171.	1.3	22
110	Vascular Effects of Photodynamic Therapy with Curcumin in a Chorioallantoic Membrane Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1084.	1.8	22
111	Optimized Photodynamic Therapy with Systemic Photosensitizer Following Debulking Technique for Nonmelanoma Skin Cancers. <i>Dermatologic Surgery</i> , 2007, 33, 194-198.	0.4	21
112	Phototherapy and resistance training prevent sarcopenia in ovariectomized rats. <i>Lasers in Medical Science</i> , 2013, 28, 1467-1474.	1.0	21
113	Validation of Photodynamic Action via Photobleaching of a New Curcumin-Based Composite with Enhanced Water Solubility. <i>Journal of Fluorescence</i> , 2014, 24, 1407-1413.	1.3	21
114	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. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 103-110.	1.7	21
115	Overall Results for a National Program of Photodynamic Therapy for Basal Cell Carcinoma: A Multicenter Clinical Study to Bring New Techniques to Social Health Care. <i>Cancer Control</i> , 2019, 26, 107327481985688.	0.7	21
116	Photodithazine-mediated antimicrobial photodynamic therapy against fluconazole-resistant <i>Candida albicans</i> in vivo. <i>Medical Mycology</i> , 2019, 57, 609-617.	0.3	21
117	Dual-Agent Photodynamic Therapy with Optical Clearing Eradicates Pigmented Melanoma in Preclinical Tumor Models. <i>Cancers</i> , 2020, 12, 1956.	1.7	21
118	Curcumin in formulations against <i>Aedes aegypti</i> : Mode of action, photolarvicidal and ovicidal activity. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101840.	1.3	21
119	An update on clinical photodynamic therapy for fighting respiratory tract infections: a promising tool against COVID-19 and its co-infections. <i>Laser Physics Letters</i> , 2020, 17, 083001.	0.6	21
120	Photodynamic viral inactivation: Recent advances and potential applications. <i>Applied Physics Reviews</i> , 2021, 8, 021315.	5.5	21
121	TNF α siRNA delivery by nanoparticles and photochemical internalization for psoriasis topical therapy. <i>Journal of Controlled Release</i> , 2021, 338, 316-329.	4.8	21
122	Fluorescence guided PDT for optimization of the outcome of skin cancer treatment. <i>Frontiers in Physics</i> , 0, 3, .	1.0	20
123	Assessment of ALA-induced PpIX production in porcine skin pretreated with microneedles. <i>Journal of Biophotonics</i> , 2015, 8, 723-729.	1.1	20
124	Toxicity of photodynamic therapy with LED associated to Photogem [®] : An in vivo study. <i>Lasers in Medical Science</i> , 2012, 27, 403-411.	1.0	19
125	Self-similar Expansion of a Turbulent Bose-Einstein Condensate: A Generalized Hydrodynamic Model. <i>Journal of Low Temperature Physics</i> , 2013, 170, 133-142.	0.6	19
126	Analysis of off-axis solenoid fields using the magnetic scalar potential: An application to a Zeeman-slower for cold atoms. <i>American Journal of Physics</i> , 2015, 83, 513-517.	0.3	19

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127	Light-emitting diode therapy (photobiomodulation) effects on oxygen uptake and cardiac output dynamics during moderate exercise transitions: a randomized, crossover, double-blind, and placebo-controlled study. <i>Lasers in Medical Science</i> , 2018, 33, 1065-1071.	1.0	19
128	A randomized clinical trial evaluating Photodithazine-mediated Antimicrobial Photodynamic Therapy as a treatment for Denture stomatitis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102041.	1.3	19
129	Graphene Oxide Theranostic Effect: Conjugation of Photothermal and Photodynamic Therapies Based on an in vivo Demonstration. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1601-1616.	3.3	19
130	Safety assessment of oral photodynamic therapy in rats. <i>Lasers in Medical Science</i> , 2013, 28, 479-486.	1.0	18
131	Transdental Cell Photobiomodulation Using Different Wavelengths. <i>Operative Dentistry</i> , 2015, 40, 102-111.	0.6	18
132	Low-level laser therapy (LLLT) associated with aerobic plus resistance training to improve inflammatory biomarkers in obese adults. <i>Lasers in Medical Science</i> , 2015, 30, 1553-1563.	1.0	18
133	Photodynamic therapy: Progress toward a scientific and clinical network in Latin America. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 261-266.	1.3	18
134	Treatment of recurrent pharyngotonsillitis by photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 138-139.	1.3	18
135	Thermography Applied During Exercises With or Without Infrared Light-Emitting Diode Irradiation: Individual and Comparative Analysis. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 349-355.	2.1	17
136	Vortex Reconnections in Anisotropic Trapped Three-Dimensional Bose-Einstein Condensates. <i>Journal of Low Temperature Physics</i> , 2015, 180, 133-143.	0.6	17
137	The effect of combined curcumin-mediated photodynamic therapy and artificial skin on <i>Staphylococcus aureus</i> -infected wounds in rats. <i>Lasers in Medical Science</i> , 2020, 36, 1219-1226.	1.0	17
138	Ablation rate and micromorphological aspects with Nd:YAG picosecond pulsed laser on primary teeth. <i>Lasers in Surgery and Medicine</i> , 2002, 31, 177-185.	1.1	16
139	Fluorescence spectroscopy to diagnose hepatic steatosis in a rat model of fatty liver. <i>Liver International</i> , 2009, 29, 331-336.	1.9	16
140	Light-emitting diode therapy (LEDT) improves functional capacity in rats with heart failure. <i>Lasers in Medical Science</i> , 2016, 31, 937-944.	1.0	16
141	Virulence factors of fluconazole-susceptible and fluconazole-resistant <i>Candida albicans</i> after antimicrobial photodynamic therapy. <i>Lasers in Medical Science</i> , 2017, 32, 815-826.	1.0	16
142	Effects of light-emitting diode therapy (LEDT) on cardiopulmonary and hemodynamic adjustments during aerobic exercise and glucose levels in patients with diabetes mellitus: A randomized, crossover, double-blind and placebo-controlled clinical trial. <i>Complementary Therapies in Medicine</i> , 2019, 42, 178-183.	1.3	16
143	Recent Advances in Combined Photothermal and Photodynamic Therapies against Cancer Using Carbon Nanomaterial Platforms for In Vivo Studies. <i>Photochem</i> , 2021, 1, 434-450.	1.3	16
144	Influence of the hydration state on the ultrashort laser ablation of dental hard tissues. <i>Lasers in Medical Science</i> , 2013, 28, 215-222.	1.0	15

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145	Low-level laser therapy for osteonecrotic lesions: effects on osteoblasts treated with zoledronic acid. <i>Supportive Care in Cancer</i> , 2014, 22, 2741-2748.	1.0	15
146	Application of photodynamic therapy, laser therapy, and a cellulose membrane for calcaneal pressure ulcer treatment in a diabetic patient: A case report. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 235-238.	1.3	15
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