Vanderlei Salvador Bagnato

List of Publications by Year
in descending order

422 papers	9,135 citations	50276 46 h-index	64796 79 g-index
446 all docs	446 docs citations	446 times ranked	8354 citing authors

#	Article	IF	Citations
1	Wound contraction rate in excised and unexcised burn wounds with laser photobiomodulation: Systematic review and meta-analysis of preclinical studies. Burns, 2023, 49, 261-274.	1.9	2
2	Effect of curcumin-encapsulated PluronicÂ® F-127 over duo-species biofilm of Streptococcus mutans and Candida albicans. Lasers in Medical Science, 2022, 37, 1775-1786.	2.1	9
3	Effects of methylene blue and curcumin photosensitizers on the color stability of endodontically treated intraradicular dentin. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102650.	2.6	6
4	A new photodynamic therapy protocol for nodular basal cell carcinoma treatment: Effectiveness and long-term follow-up. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102668.	2.6	2
5	How can biophotonics help dentistry to avoid or minimize cross infection by SARS-CoV-2?. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102682.	2.6	8
6	A look at photodynamic inactivation as a tool for pests and vector-borne diseases control. Laser Physics Letters, 2022, 19, 025601.	1.4	6
7	Kidney decontamination during perfusion for transplantation procedure: In vitro and ex vivo viability analysis. Journal of Biophotonics, 2022, 15, .	2.3	2
8	Formulations of curcumin and d-mannitol as a photolarvicide against Aedes aegypti larvae: Sublethal photolarvicidal action, toxicity, residual evaluation, and small-scale field trial. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102740.	2.6	8
9	Photobiomodulation and photodynamic therapy applied after electrocauterization for skin healing optimization in rats. Journal of Biophotonics, 2022, , e202100239.	2.3	2
10	Impact of light-activated curcumin and curcuminoids films for catheters decontamination. Colloids and Surfaces B: Biointerfaces, 2022, 213, 112386.	5.0	2
11	A single session of antimicrobial photodynamic therapy does not influence the alveolar repair process in rats. Brazilian Oral Research, 2022, 36, e024.	1.4	0
12	Carbon-Based Materials in Photodynamic and Photothermal Therapies Applied to Tumor Destruction. International Journal of Molecular Sciences, 2022, 23, 22.	4.1	115
13	Effects of Laser Photobiomodulation on TGF-ÃŸ and VEGF Expression in Burn Wound: Systematic Review and Meta-Analysis in the Animal Model. International Journal of Morphology, 2022, 40, 194-203.	0.2	0
14	Ultrasound device as a minimally invasive approach for caries dentin removal. Brazilian Dental Journal, 2022, 33, 57-67.	1.1	4
15	Antimicrobial photodynamic therapy combined with antibiotics reduces resistance and aids elimination in four resistant bacterial strains. , 2022, , .		1
16	Effectiveness of whitening treatments employing violet illumination alone or combined with bleaching agents. , 2022, , .		1
17	Laser and vacuum therapy for treatment of facial nerve palsies. , 2022, , .		1
18	Perspectives on photobiomodulation and combined light-based therapies for rehabilitation of patients after COVID-19 recovery. Laser Physics Letters, 2022, 19, 045604.	1.4	1

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19	Non-Thermal Fixed Points in Bose Gas Experiments. Symmetry, 2022, 14, 678.	2.2	2
20	Investigation on the in vitro anti-Trichophyton activity of photosensitizers. Photochemical and Photobiological Sciences, 2022, 21, 1185-1192.	2.9	3
21	Optical technologies for antibacterial control of fresh meat on display. LWT - Food Science and Technology, 2022, 160, 113213.	5.2	3
22	Photobiomodulation therapy for treatment olfactory and taste dysfunction <scp>COVID</scp>â€19â€related: A case report. Journal of Biophotonics, 2022, 15, e202200058.	2.3	9
23	Photodynamic therapy of adenoid hypertrophy in acute rhinosinusitis. Photodiagnosis and Photodynamic Therapy, 2022, 39, 102892.	2.6	2
24	The Physics of Light and Sound in the Fight Against Skin Cancer. Brazilian Journal of Physics, 2022, 52, .	1.4	4
25	Randomized and Controlled Clinical Studies on Antibacterial Photodynamic Therapy: An Overview. Photonics, 2022, 9, 340.	2.0	7
26	Synergic dual phototherapy: Cationic imidazolyl photosensitizers and ciprofloxacin for eradication of in vitro and in vivo E. coli infections. Journal of Photochemistry and Photobiology B: Biology, 2022, 233, 112499.	3.8	12
27	Lung surfactant negatively affects the photodynamic inactivation of bacteriaâ€”inÂvitro and molecular dynamic simulation analyses. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	6
28	Preparation and characterization of curcumin and pomegranate peel extract chitosan/gelatin-based Films and their photoinactivation of bacteria. Materials Today Communications, 2022, 31, 103791.	1.9	5
29	Photodisinfection of material surfaces and bacterial skin infections by a detergent loaded with curcumin. Photodiagnosis and Photodynamic Therapy, 2022, , 103021.	2.6	1
30	Dose Response Effect of Photobiomodulation on Hemodynamic Responses and Glucose Levels in Men with Type 2 Diabetes: A Randomized, Crossover, Double-Blind, Sham-Controlled Trial. Photonics, 2022, 9, 481.	2.0	4
31	Photobiomodulation therapy drives massive epigenetic histone modifications, stem cells mobilization and accelerated epithelial healing. Journal of Biophotonics, 2021, 14, e202000274.	2.3	10
32	Cold Atoms Beyond Atomic Physics. Brazilian Journal of Physics, 2021, 51, 170-180.	1.4	1
33	Effects of the infrared laser on classical ballerinasâ€™ feet: Analysis of plantar foot and static balance. Journal of Bodywork and Movement Therapies, 2021, 26, 246-252.	1.2	1
34	Photodynamic therapry with curcumin in the reduction of enterococcus faecalis biofilm in bone cavity: rMicrobiological and spectral fluorescense analysis. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102084.	2.6	11
35	Use of wide-field optical fluorescence for visualization of oral biofilm in a patient with peri-implant mucositis: a new approach. Einstein (Sao Paulo, Brazil), 2021, 19, eRC5638.	0.7	1
36	Concept for an augmented intelligence-based quality assurance of assembly tasks in global value networks. Procedia CIRP, 2021, 97, 423-428.	1.9	7

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37	Strategies to Improve the Antimicrobial Efficacy of Photodynamic, Sonodynamic, and Sonophotodynamic Therapies. Lasers in Surgery and Medicine, 2021, 53, 1113-1121.	2.1	29
38	Curcumin/dâ€•mannitol as photolarvicide: induced delay in larval development time, changes in sex ratio and reduced longevity of <scp>Aedes aegypti</scp>. Pest Management Science, 2021, 77, 2530-2538.	3.4	15
39	Photodynamic therapy as a treatment option for multiple pigmented basal cell carcinoma: Long-term follow-up results. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102154.	2.6	6
40	MHV-1 in vivo viral load reduction via antibody-conjugated photodynamic inactivation. , 2021, , .		0
41	Graphene Oxide Theranostic Effect: Conjugation of Photothermal and Photodynamic Therapies Based on an in vivo Demonstration. International Journal of Nanomedicine, 2021, Volume 16, 1601-1616.	6.7	19
42	Synergistic effect of laser and therapeutic ultrasound for fibromyalgia control: new development of protocols. , 2021, , .		0
43	Momentum distribution of Vinen turbulence in trapped atomic Boseâ€“Einstein condensates. European Physical Journal: Special Topics, 2021, 230, 809-812.	2.6	5
44	Photobiomodulation effects on photodynamic therapy in HNSCC cell lines. Journal of Photochemistry and Photobiology B: Biology, 2021, 217, 112170.	3.8	10
45	Photodynamic and Sonodynamic Therapy with Protoporphyrin IX: In Vitro and In Vivo Studies. Ultrasound in Medicine and Biology, 2021, 47, 1032-1044.	1.5	14
46	Follow-up of pressure ulcer treatment with photodynamic therapy, low level laser therapy and cellulose membrane. Journal of Wound Care, 2021, 30, 304-310.	1.2	0
47	Evaluation of curcumin incubation time in Staphylococcus aureus and Pseudomonas aeruginosa Photodynamic Inactivation. , 2021, , .		2
48	Curcuminâ€•loaded Pluronic^{Â®} Fâ€•127 Micelles as a Drug Delivery System for Curcuminâ€•mediated Photodynamic Therapy for Oral Application. Photochemistry and Photobiology, 2021, 97, 1072-1088.	2.5	30
49	A pilot study on the effects of transcutaneous and transmucosal laser irradiation on blood pressure, glucose and cholesterol in women. Heliyon, 2021, 7, e07110.	3.2	4
50	An extended cavity diode laser constructed with additive manufacturing: Contribution for a brazilian compact atomic frequency standard with cold atoms. , 2021, , .		0
51	Cooperative and competitive antimicrobial photodynamic effects induced by a combination of methylene blue and curcumin. Laser Physics Letters, 2021, 18, 075601.	1.4	8
52	Physiotherapy elastic band disinfection by UV-C irradiation in an intensive care unit. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102262.	2.6	4
53	Effects of photobiomodulation on the redox state of healthy and cancer cells. Biomedical Optics Express, 2021, 12, 3902.	2.9	14
54	One-Pot Microwave-Assisted Synthesis of Carbon Dots and in vivo and in vitro Antimicrobial Photodynamic Applications. Frontiers in Microbiology, 2021, 12, 662149.	3.5	44

#	Article	IF	Citations
55	Photodynamic viral inactivation: Recent advances and potential applications. Applied Physics Reviews, 2021, 8, 021315.	11.3	21
56	Longitudinal, Randomized, and Parallel Clinical Trial Comparing a Violet Light-Emitting Diodes System and In-Office Dental Bleaching: 6-Month Follow-Up. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 403-410.	1.4	3
57	Bacterial Photoinactivation Using PLGA Electrospun Scaffolds. ACS Applied Materials & Interfaces, 2021, 13, 31406-31417.	8.0	7
58	Evaluation of the Whitening Effectiveness of Violet Illumination Alone or Combined with Hydrogen Peroxide Gel. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 395-402.	1.4	9
59	Photobiomodulation Therapy in Burn Wound Healing: Systematic Review and Meta-Analysis of Preclinical Studies. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 439-452.	1.4	5
60	Synergetic antimicrobial effect of chlorin e6 and hydrogen peroxide on multi-species biofilms. Biofouling, 2021, 37, 656-665.	2.2	12
61	Synergic effects of ultrasound and laser therapies on mesentery for management of obesity and diabetes in rats. Journal of Biophotonics, 2021, 14, e202100109.	2.3	3
62	Total mouth photodynamic therapy mediated by red LED and porphyrin in individuals with AIDS. Lasers in Medical Science, 2021, , 1.	2.1	4
63	HPV-induced condylomata acuminata treated by Photodynamic Therapy in comparison with trichloroacetic acid: A randomized clinical trial. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102465.	2.6	7
64	PCR analysis of the effect of photodynamic therapy on breast tumors. Research, Society and Development, 2021, 10, e459101220468.	0.1	1
65	Synergistic effect of low-level laser and vacuum therapy on the temporomandibular disorder: two cases report. Laser Physics Letters, 2021, 18, 105602.	1.4	1
66	Field cancerization treatment: Adjustments to an ALA red light photodynamic therapy protocol to improve pain tolerance. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102415.	2.6	5
67	Miscibility Regimes in a 23Naâ€“39K Quantum Mixture. Applied Sciences (Switzerland), 2021, 11, 9099.	2.5	4
68	Can sono-photodynamic therapy enhance the antibacterial effect of curcumin against Streptococcus mutans biofilm?. Laser Physics Letters, 2021, 18, 105601.	1.4	2
69	TNFÎ± siRNA delivery by nanoparticles and photochemical internalization for psoriasis topical therapy. Journal of Controlled Release, 2021, 338, 316-329.	9.9	21
70	Dissolving microneedles containing aminolevulinic acid improves protoporphyrin <scp>IX</scp> distribution. Journal of Biophotonics, 2021, 14, e202000128.	2.3	15
71	Treatment of facial nerve palsies with laser and endermotherapy: a report of two cases. Laser Physics Letters, 2021, 18, 015601.	1.4	9
72	Recent Advances in Combined Photothermal and Photodynamic Therapies against Cancer Using Carbon Nanomaterial Platforms for In Vivo Studies. Photochem, 2021, 1, 434-450.	2.2	16

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73	Characteristic Length Scale during the Time Evolution of a Turbulent Bose-Einstein Condensate. Symmetry, 2021, 13, 1865.	2.2	0
74	Tumor radiosensitization by photobiomodulation. Journal of Photochemistry and Photobiology B: Biology, 2021, 225, 112349.	3.8	6
75	Photodynamic inactivation of S. pneumoniae with external illumination at 808 nm through the ex vivo porcine thoracic cage. Journal of Biophotonics, 2021, , e202100189.	2.3	2
76	Acute effect of photobiomodulation using light-emitting diodes (LEDs) on baroreflex sensitivity during and after constant loading exercise in patients with type 2 diabetes mellitus. Lasers in Medical Science, 2020, 35, 329-336.	2.1	2
77	Prevention of viral transmission during lung transplantation with hepatitis C-viraemic donors: an open-label, single-centre, pilot trial. Lancet Respiratory Medicine,the, 2020, 8, 192-201.	10.7	87
78	Antibacterial Photodynamic Inactivation of Antibiotic-Resistant Bacteria and Biofilms with Nanomolar Photosensitizer Concentrations. ACS Infectious Diseases, 2020, 6, 1517-1526.	3.8	56
79	Optimization for microbial incorporation and efficiency of photodynamic therapy using variation on curcumin formulation. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101652.	2.6	10
80	Use of dermograph for improvement of PpIX precursorâ€™s delivery in photodynamic therapy: Experimental and clinical pilot studies. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101599.	2.6	10
81	Energy analysis of PDT using thermography during the treatment of basal cell carcinoma. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101586.	2.6	4
82	Effects of infrared radiation and exercise on bone mass: implications for the prevention and management of osteoporosis. Research on Biomedical Engineering, 2020, 36, 49-57.	2.2	0
83	Field cancerization treatment using topical photodynamic therapy: A comparison between two aminolevulinate derivatives. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101603.	2.6	6
84	Curcumin as a photosensitizer: From molecular structure to recent advances in antimicrobial photodynamic therapy. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2020, 45, 100384.	11.6	106
85	The effect of combined curcumin-mediated photodynamic therapy and artificial skin on Staphylococcus aureusâ€“infected wounds in rats. Lasers in Medical Science, 2020, 36, 1219-1226.	2.1	17
86	A randomized clinical trial evaluating Photodithazine-mediated Antimicrobial Photodynamic Therapy as a treatment for Denture stomatitis. Photodiagnosis and Photodynamic Therapy, 2020, 32, 102041.	2.6	19
87	Safety and delivery efficiency of a photodynamic treatment of the lungs using indocyanine green and extracorporeal near infrared illumination. Journal of Biophotonics, 2020, 13, e202000176.	2.3	9
88	Effects of ultraviolet light and curcumin-mediated photodynamic inactivation on microbiological food safety: A study in meat and fruit. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101678.	2.6	66
89	Dual-Agent Photodynamic Therapy with Optical Clearing Eradicates Pigmented Melanoma in Preclinical Tumor Models. Cancers, 2020, 12, 1956.	3.7	21
90	Temperature effect on the PpIX production during the use of topical precursors. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101786.	2.6	3

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91	Evolution of surviving Streptoccocus pyogenes from pharyngotonsillitis patients submit to multiple cycles of antimicrobial photodynamic therapy. Journal of Photochemistry and Photobiology B: Biology, 2020, 210, 111985.	3.8	11
92	High-risk HPV clearance and CIN 3 treated with MAL-PDT: A case report. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101937.	2.6	1
93	Entropy of a Turbulent Bose-Einstein Condensate. Entropy, 2020, 22, 956.	2.2	6
94	Avoiding ventilator-associated pneumonia: Curcumin-functionalized endotracheal tube and photodynamic action. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22967-22973.	7.1	34
95	Porphyrinâ€“Nanodiamond Hybrid Materialsâ€”Active, Stable and Reusable Cyclohexene Oxidation Catalysts. Catalysts, 2020, 10, 1402.	3.5	9
96	MAL-associated methyl nicotinate for topical PDT improvement. Journal of Photochemistry and Photobiology B: Biology, 2020, 213, 112071.	3.8	2
97	Biodegradable Silicaâ€Based Nanoparticles with Improved and Safe Delivery of Protoporphyrin IX for the In Vivo Photodynamic Therapy of Breast Cancer. Advanced Therapeutics, 2020, 3, 2000022.	3.2	12
98	Environmental safety and mode of action of a novel curcumin-based photolarvicide. Environmental Science and Pollution Research, 2020, 27, 29204-29217.	5.3	9
99	Photodynamic inactivation mediated by methylene blue or chlorin e6 against Streptococcus mutans biofilm. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101817.	2.6	28
100	HPV condylomatosis region treated with multiple sessions of MAL-PDT: A case report. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101812.	2.6	3
101	COVID-19: Beyond the virus. The use of photodynamic therapy for the treatment of infections in the respiratory tract. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101804.	2.6	34
102	Inhibitory effect of red LED irradiation on fibroblasts and co-culture of adipose-derived mesenchymal stem cells. Heliyon, 2020, 6, e03882.	3.2	4
103	Curcumin in formulations against Aedes aegypti: Mode of action, photolarvicidal and ovicidal activity. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101840.	2.6	21
104	Intra-scales energy transfer during the evolution of turbulence in a trapped Bose-Einstein condensate. Europhysics Letters, 2020, 130, 46001.	2.0	11
105	An update on clinical photodynamic therapy for fighting respiratory tract infections: a promising tool against COVID-19 and its co-infections. Laser Physics Letters, 2020, 17, 083001.	1.4	21
106	Photodynamic therapy in combination with surgery for the treatment of an extensive squamous cell carcinoma in situ - A case report. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101700.	2.6	5
107	Development of a system to treat and online monitor photodynamic therapy of skin cancer using PpIX near-infrared fluorescence. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101680.	2.6	9
108	Total mouth photodynamic therapy mediated by blue led and curcumin in individuals with AIDS. Expert Review of Anti-Infective Therapy, 2020, 18, 689-696.	4.4	8

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109	Photodynamic Reactions for the Treatment of Oral-Facial Lesions and Microbiological Control. , 2020, , 45-57.		2
110	Boseâ€“Einstein condensation on curved manifolds. New Journal of Physics, 2020, 22, 063059.	2.9	27
111	Photodynamic therapy of extrahepatic cholangiocarcinoma using digital cholangioscopy. Arquivos Brasileiros De Cirurgia Digestiva: ABCD = Brazilian Archives of Digestive Surgery, 2020, 33, e1490.	0.5	3
112	Biophotonic Based Orofacial Rehabilitation and Harmonization. , 2020, , 59-76.		0
113	Noninvasive assessments of skin glycated proteins by fluorescence and Raman techniques in diabetics and nondiabetics. Journal of Biophotonics, 2019, 12, e201800162.	2.3	23
114	Long Term Effectiveness of Photodynamic Therapy for CIN Treatment. Pharmaceuticals, 2019, 12, 107.	3.8	28
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. Cancer Control, 2019, 26, 107327481985688.	1.8	21
116	Boseâ€“Einstein condensation in spherically symmetric traps. American Journal of Physics, 2019, 87, 924-934.	0.7	25
117	Increased Oral Health-Related Quality of Life Postsynergistic Treatment with Ultrasound and Photobiomodulation Therapy in Patients with Temporomandibular Disorders. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 694-699.	1.4	4
118	Violet LED for non-vital tooth bleaching as a new approach. Photodiagnosis and Photodynamic Therapy, 2019, 28, 234-237.	2.6	14
119	Effects of Low-Level Laser on the Repair of Orthodontically Induced Inflammatory Root Resorption: A Systematic Review of Studies in Rats. International Journal of Morphology, 2019, 37, 977-984.	0.2	2
120	Vortices in low-density neutron matter and cold Fermi gases. Physical Review C, 2019, 100, .	2.9	5
121	Synergistic effects of vacuum therapy and laser therapy on physical rehabilitation. Journal of Physical Therapy Science, 2019, 31, 598-602.	0.6	1
122	Photodynamic Therapy Versus Glucose for the Treatment of Telangiectasia: A Randomised Controlled Study in a Rabbit Ear Model. European Journal of Vascular and Endovascular Surgery, 2019, 58, 583-591.	1.5	1
123	Inactivating hepatitis C virus in donor lungs using light therapies during normothermic ex vivo lung perfusion. Nature Communications, 2019, 10, 481.	12.8	86
124	Antimicrobial action of photodynamic therapy in root canals using LED curing light, curcumin and carbopol gel. International Endodontic Journal, 2019, 52, 1010-1019.	5.0	31
125	Prophylactic Use of Laser Light and Methylene Blue on Ischemia and Liver Reperfusion Injury. Transplantation Proceedings, 2019, 51, 1549-1554.	0.6	2
126	Norovirus recovery from floors and air after various decontamination protocols. Journal of Hospital Infection, 2019, 103, 328-334.	2.9	14

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127	Fluorescence spectroscopy of Candida albicans biofilms in bone cavities treated with photodynamic therapy using blue LED (450â€‰nm) and curcumin. Photodiagnosis and Photodynamic Therapy, 2019, 26, 366-370.	2.6	9
128	Mucosal vitiligo in angles of the mouth: clinical and fluorescence aspects. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2019, 65, 330-332.	0.7	1
129	Hairy Tongue: Differential Diagnosis by Use of Widefield Optical Fluorescence. Brazilian Dental Journal, 2019, 30, 191-196.	1.1	4
130	Single visit PDT for basal cell carcinoma â€“ A new therapeutic protocol. Photodiagnosis and Photodynamic Therapy, 2019, 26, 375-382.	2.6	24
131	Vascular Effects of Photodynamic Therapy with Curcumin in a Chorioallantoic Membrane Model. International Journal of Molecular Sciences, 2019, 20, 1084.	4.1	22
132	Advanced Glycation Endproducts as Biomarkers for Risk of Diabetes and Cardiovascular Diseases by Skin Autofluorescence: A Noninvasive Optical Screening. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 168-174.	1.4	10
133	Topical and intradermal delivery of PpIX precursors for photodynamic therapy with intense pulsed light on porcine skin model. Lasers in Medical Science, 2019, 34, 1781-1790.	2.1	5
134	Raman Microspectroscopy as a Tool to Elucidate the Efficacy of Topical Formulations Containing Curcumin. Pharmaceuticals, 2019, 12, 44.	3.8	3
135	Acceleration of newborn ratsâ€™ development with the use of photobiomodulation and the near possibility of application in human premature babies. Journal of Biophotonics, 2019, 12, e201800461.	2.3	3
136	The use of light-emitting diode imaging as exclusion criterion for melanoma diagnosis. Journal of the American Academy of Dermatology, 2019, 80, e49-e50.	1.2	0
137	A nova definiÃ§Ã£o do quilograma em termos da constante de Planck. Revista Brasileira De Ensino De Fisica, 2019, 41, .	0.2	0
138	Photodegradation in the infrared region of indocyanine green in aqueous solution. , 2019, , .		2
139	Using ultraviolet light for reduction of Staphylococcus aureus in preservation solutions for transplantation - an in vitro study. , 2019, , .		0
140	Photodynamic inactivation for in vitro decontamination of Staphylococcus aureus in whole blood. Photodiagnosis and Photodynamic Therapy, 2019, 28, 58-64.	2.6	10
141	Nebulization as a tool for photosensitizer delivery to the respiratory tract. Journal of Biophotonics, 2019, 12, e201800189.	2.3	23
142	Photolarvicidal effect of curcuminoids from Curcuma longa Linn. against Aedes aegypti larvae. Journal of Asia-Pacific Entomology, 2019, 22, 151-158.	0.9	23
143	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. Complementary Therapies in Medicine, 2019, 42, 178-183.	2.7	16
144	Photodithazine-mediated antimicrobial photodynamic therapy against fluconazole-resistant Candida albicans in vivo. Medical Mycology, 2019, 57, 609-617.	0.7	21

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145	Short-term and long-term effects of osteoporosis on incisor teeth and femoral bones evaluated by Raman spectroscopy and energy dispersive X-ray analysis in ovariectomized rats. Journal of Bone and Mineral Metabolism, 2019, 37, 18-27.	2.7	5
146	Graphene Oxide Mediated Broad-Spectrum Antibacterial Based on Bimodal Action of Photodynamic and Photothermal Effects. Frontiers in Microbiology, 2019, 10, 2995.	3.5	55
147	Fluorescence spectroscopy analysis of light-induced tooth whitening. , 2019, , .		2
148	Characterization of photophysical properties of curcumin for theranostics of neurodegenerative diseases. , 2019, , .		2
149	Investigation of protoporphyrin IX production induced by aminolevulinic acid combined with thermogenic and/or vasodilator substances. , 2019, , .		1
150	Sonophotodynamic Therapy for the inactivation of Staphylococcus aureus biofilm. , 2019, , .		4
151	Oral squamous papilloma: a view under clinical, fluorescence and histopathological aspects. Einstein (Sao Paulo, Brazil), 2019, 17, eRC4624.	0.7	8
152	Perimetric Distributed UV Reactor and Its Validation and the Decontamination of Fresh Broccolis. American Journal of Applied Chemistry, 2019, 7, 161.	0.4	3
153	Contamination Control in a Portable-Materials With Photochemical Process. International Journal of Chemistry, 2019, 11, 86.	0.3	1
154	Optical techniques for the microbiological control of blood. , 2019, , .		1
155	Photodynamic inactivation of Candida albicans using a synthesized bacteriochlorin as a photosensitizer. , 2019, , .		1
156	Long-term effectiveness and HPV clearance of low and high-grade cervical lesions treated with photodynamic therapy. , 2019, , .		0
157	Study of destruction effect of blood vessels after photodynamic therapy in a model of chorioallantoic membrane. , 2019, , .		1
158	Photonic technology for the treatments of venous and arterial ulcers: Case report. Photodiagnosis and Photodynamic Therapy, 2018, 22, 39-41.	2.6	7
159	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. Lasers in Medical Science, 2018, 33, 1065-1071.	2.1	19
160	The effects of exercise training associated with low-level laser therapy on biomarkers of adipose tissue transdifferentiation in obese women. Lasers in Medical Science, 2018, 33, 1245-1254.	2.1	11
161	Molecular analyses of two bacterial sampling methods in ligatureâ€induced periodontitis in rats. Clinical and Experimental Dental Research, 2018, 4, 19-24.	1.9	5
162	Ultrasound plus low-level laser therapy for knee osteoarthritis rehabilitation: a randomized, placebo-controlled trial. Rheumatology International, 2018, 38, 785-793.	3.0	26

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163	A threshold dose distribution approach for the study of PDT resistance development. Journal of Photochemistry and Photobiology B: Biology, 2018, 182, 85-91.	3.8	9
164	Optical techniques for the diagnosis and treatment of lesions induced by the human papillomavirus â€" A resource letter. Photodiagnosis and Photodynamic Therapy, 2018, 23, 106-110.	2.6	8
165	Reduced methicillin-resistant Staphylococcus aureus biofilm formation in bone cavities by photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2018, 21, 219-223.	2.6	29
166	Nearâ€"infrared photodynamic inactivation of S. pneumoniae and its interaction with RAW 264.7 macrophages. Journal of Biophotonics, 2018, 11, e201600283.	2.3	10
167	Reply to the Letter to the Editor on â€œEffects of Light-Emitting Diode Therapy on Muscle Hypertrophy, Gene Expression, Performance, Damage, and Delayed-Onset Muscle Soreness. American Journal of Physical Medicine and Rehabilitation, 2018, 97, e2-e5.	1.4	0
168	Photostimulation effects on chicken egg development: Perspectives on human newborn treatment. Journal of Biophotonics, 2018, 11, e201700046.	2.3	4
169	Firearm Projectile in the Maxillary Tuberosity Located by Adjunctive Examination of Wide-Field Optical Fluorescence. Photomedicine and Laser Surgery, 2018, 36, 112-115.	2.0	6
170	Antimicrobial Photodynamic Therapy mediated by PhotodithazineÂ® in the treatment of denture stomatitis: A case report. Photodiagnosis and Photodynamic Therapy, 2018, 21, 168-171.	2.6	22
171	Correlation between Porcine and Human Skin Models by Optical Methods. , 2018, , .		2
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