Steven Parker

List of Publications by Year in descending order

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38 papers	791 citations	448610 19 h-index	620720 26 g-index
39 all docs	39 docs citations	39 times ranked	707 citing authors

#	Article	IF	Citations
1	Effect of different types of adhesive systems on the bond strength and marginal integrity of composite restorations in cavities prepared with the erbium laserâ€"a systematic review. Lasers in Medical Science, 2022, 37, 19-45.	1.0	2
2	Photobiomodulation Delivery Parameters in Dentistry: An Evidence-Based Approach. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40, 42-50.	0.7	8
3	The influence of delivery power losses and full operating parametry on the effectiveness of diode visibleâ€"near infra-red (445â€"1064Ânm) laser therapy in dentistryâ€"a multi-centre investigation. Lasers in Medical Science, 2022, 37, 2249-2257.	1.0	9
4	Blue Light Photodynamic Therapy With Curcumin and Riboflavin in the Management of Periodontitis: A Systematic Review. Journal of Lasers in Medical Sciences, 2021, 12, e15-e15.	0.4	24
5	Systematic Review of Post-Surgical Laser-Assisted Oral Soft Tissue Outcomes Using Surgical Wavelengths Outside the 650â€"1350â€‰nm Optical Window. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 591-606.	0.7	5
6	Photobiomodulation Dose Parameters in Dentistry: A Systematic Review and Meta-Analysis. Dentistry Journal, 2020, 8, 114.	0.9	37
7	Laser-Assisted aPDT Protocols in Randomized Controlled Clinical Trials in Dentistry: A Systematic Review. Dentistry Journal, 2020, 8, 107.	0.9	11
8	Laser Analgesia Associated with Restorative Dental Care: A Systematic Review of the Rationale, Techniques, and Energy Dose Considerations. Dentistry Journal, 2020, 8, 128.	0.9	11
9	Photobiomodulation and Oral Mucositis: A Systematic Review. Dentistry Journal, 2020, 8, 87.	0.9	50
10	Laser-Assisted Depigmentationâ€"An Introspection of the Science, Techniques, and Perceptions. Dentistry Journal, 2020, 8, 88.	0.9	11
11	Do Lasers Have an Adjunctive Role in Initial Non-Surgical Periodontal Therapy? A Systematic Review. Dentistry Journal, 2020, 8, 93.	0.9	8
12	A Spectrophotometric Study on Light Attenuation Properties of Dental Bleaching Gels: Potential Relevance to Irradiation Parameters. Dentistry Journal, 2020, 8, 137.	0.9	6
13	The Effect of Antimicrobial Photodynamic Therapy Using Chlorophyllinâ€"Phycocyanin Mixture on Enterococcus faecalis: The Influence of Different Light Sources. Applied Sciences (Switzerland), 2020, 10, 4290.	1.3	19
14	Current Concepts of Laserâ€"Oral Tissue Interaction. Dentistry Journal, 2020, 8, 61.	0.9	27
15	Systematic Review on the Role of Lasers in Endodontic Therapy: Valuable Adjunct Treatment?. Dentistry Journal, 2020, 8, 63.	0.9	24
16	Adjunctive Use of Lasers in Peri-Implant Mucositis and Peri-Implantitis Treatment: A Systematic Review. Dentistry Journal, 2020, 8, 68.	0.9	16
17	Simultaneous photoablative and photodynamic 810-nm diode laser therapy as an adjunct to non-surgical periodontal treatment: an in-vitro study. Minerva Stomatologica: A Journal on Dentirstry and Maxillofacial Surgery, 2020, 69, 1-7.	1.3	8
18	Feeling the Heat: Evolutionary and Microbial Basis for the Analgesic Mechanisms of Photobiomodulation Therapy. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 517-526.	0.7	26

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19	Photoexcitation triggering via semiconductor Graphene Quantum Dots by photochemical doping with Curcumin versus perio-pathogens mixed biofilms. Photodiagnosis and Photodynamic Therapy, 2019, 28, 125-131.	1.3	37
20	Systematic Review of Delivery Parameters Used in Dental Photobiomodulation Therapy. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 784-797.	0.7	27
21	The 808â€¯nm and 980â€¯nm infrared laser irradiation affects spore germination and stored calcium homeostasis: A comparative study using delivery hand-pieces with standard (Gaussian) or flat-top profile. Journal of Photochemistry and Photobiology B: Biology, 2019, 199, 111627.	1.7	14
22	Postoperative Quality of Life Following Conventional Endodontic Intracanal Irrigation Compared with Laser-Activated Irrigation: A Randomized Clinical Study. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 248-253.	0.7	16
23	Systematic Review of Orthodontic Treatment Management with Photobiomodulation Therapy. Photobiomodulation, Photomedicine, and Laser Surgery, 2019, 37, 862-868.	0.7	35
24	Outpatient erbium:YAG (2940Ânm) laser treatment for snoring: a prospective study on 40 patients. Lasers in Medical Science, 2018, 33, 399-406.	1.0	13
25	The effect of sublethal photodynamic therapy on the expression of Enterococcal surface protein (esp) encoding gene in Enterococcus faecalis: Quantitative real-time PCR assessment. Photodiagnosis and Photodynamic Therapy, 2018, 24, 311-317.	1.3	15
26	The earthworm Dendrobaena veneta (Annelida): A new experimental-organism for photobiomodulation and wound healing. European Journal of Histochemistry, 2018, 62, 2867.	0.6	15
27	The evaluation of cultivable microbiota profile in patients with secondary endodontic infection before and after photo-activated disinfection. Photodiagnosis and Photodynamic Therapy, 2017, 18, 198-203.	1.3	44
28	Short-pulse neodymium:yttriumâ€“aluminium garnet (Nd:YAG 1064 nm) laser irradiation photobiomodulates mitochondria activity and cellular multiplication of Paramecium primaurelia (Protozoa). European Journal of Protistology, 2017, 61, 294-304.	0.5	8
29	808-nm laser therapy with a flat-top handpiece photobiomodulates mitochondria activities of Paramecium primaurelia (Protozoa). Lasers in Medical Science, 2016, 31, 741-747.	1.0	36
30	Photobiomodulation by Infrared Diode Laser: Effects on Intracellular Calcium Concentration and Nitric Oxide Production of Paramecium. Photochemistry and Photobiology, 2016, 92, 854-862.	1.3	33
31	An 808-nm Diode Laser with a Flat-Top Handpiece Positively Photobiomodulates Mitochondria Activities. Photomedicine and Laser Surgery, 2016, 34, 564-571.	2.1	57
32	The in vitro effect of antimicrobial photodynamic therapy with indocyanine green on Enterococcus faecalis: Influence of a washing vs non-washing procedure. Photodiagnosis and Photodynamic Therapy, 2016, 16, 119-123.	1.3	31
33	Effect of 808Ânm Diode Laser on Swimming Behavior, Food Vacuole Formation and Endogenous <scp>ATP</scp> Production of Paramecium primaurelia (Protozoa). Photochemistry and Photobiology, 2015, 91, 1150-1155.	1.3	22
34	The Protozoan, Paramecium primaurelia, as a Non-sentient Model to Test Laser Light Irradiation: The Effects of an 808nm Infrared Laser Diode on Cellular Respiration. ATLA Alternatives To Laboratory Animals, 2015, 43, 155-162.	0.7	20
35	Paramecium:A Promising Non-Animal Bioassay to Study the Effect of 808â€‰nm Infrared Diode Laser Photobiomodulation. Photomedicine and Laser Surgery, 2015, 33, 35-40.	2.1	25
36	Achieving Dental Analgesia with the Erbium Chromium Yttrium Scandium Gallium Garnet Laser (2780â€‰nm): A Protocol for Painless Conservative Treatment. Photomedicine and Laser Surgery, 2015, 33, 364-371.	2.1	15

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37	The use of lasers in fixed prosthodontics. Dental Clinics of North America, 2004, 48, 971-998.	0.8	22
38	The use of the Nd:YAG dental laser as an adjunct to aesthetic restorative treatment. Dentistry Today, 2003, 22, 60-3.	0.1	3