

# Roy George

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

1,451  
citations

430754

18  
h-index

360920

35  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofunctional approaches of wool-based keratin for tissue engineering. <i>Journal of Science: Advanced Materials and Devices</i> , 2022, 7, 100398.	1.5	14
2	Bioenergetics of photobiomodulated osteoblast mitochondrial cells derived from human pulp stem cells: systematic review. <i>Lasers in Medical Science</i> , 2022, 37, 1843-1853.	1.0	7
3	Evaluation of the effect of various endodontic irrigants and medicaments on dentine fluorescence. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 37, 102651.	1.3	2
4	The influence of delivery power losses and full operating parametry on the effectiveness of diode visibleâ€“near infra-red (445â€“1064Ånm) laser therapy in dentistryâ€“a multi-centre investigation. <i>Lasers in Medical Science</i> , 2022, 37, 2249-2257.	1.0	9
5	Laser-fluorescence assessment of sodium hypochlorite quenching reversal agents on human dentine. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102791.	1.3	1
6	Effectiveness of photobiomodulation in reducing pain and producing dental analgesia: a systematic review. <i>Lasers in Medical Science</i> , 2022, 37, 3011-3019.	1.0	6
7	Modification of dental enamel, dentin by an ultra-fast femtosecond laser irradiation: A systematic review. <i>Optics and Laser Technology</i> , 2022, 155, 108439.	2.2	6
8	A systematic literature review of assessment feedback in preclinical dental education. <i>European Journal of Dental Education</i> , 2021, 25, 135-150.	1.0	13
9	Evaluation of effectiveness of photosensitizers used in laser endodontics disinfection: A systematic review. <i>Translational Biophotonics</i> , 2021, 3, e202000007.	1.4	10
10	What is the evidence of outcomes of endodontically treated cracked teeth?. <i>Evidence-Based Dentistry</i> , 2021, 22, 22-23.	0.3	2
11	Revised guidelines for the endodontic education of dentistry students in Australia and New Zealand (FEBRUARY 2021). <i>Australian Endodontic Journal</i> , 2021, 47, 327-331.	0.6	11
12	A Novel Volume-based Cone-beam Computed Tomographic Periapical Index. <i>Journal of Endodontics</i> , 2021, 47, 1308-1313.	1.4	12
13	Fluorescence characteristics of E. faecalis in dentine following treatment with oxidizing endodontic irrigants. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102344.	1.3	3
14	A novel scale to measure studentsâ€™™ perceptions of exemplars in a dental school. <i>European Journal of Dental Education</i> , 2021, , .	1.0	1
15	Evaluation of the diffusion of calcium hydroxide-based medicaments through the dentinal tubules and apical foramen: A mass spectrometry study. <i>Journal of Conservative Dentistry</i> , 2021, 24, 611.	0.3	2
16	Near-infrared Laser Energy Transmission through Teeth with Crack Lines: An <i>&lt;i&gt;In-vitro&lt;/i&gt;</i> Study. <i>Medical Lasers</i> , 2021, 10, 214-219.	0.2	1
17	In Vitro Fatigue and Fracture Load of Monolithic Ceramic Crowns Supported by Hybrid Abutment. <i>Open Dentistry Journal</i> , 2021, 15, 664-671.	0.2	0
18	Chemical characterization of additively manufactured methacrylates for dental devices. <i>Additive Manufacturing</i> , 2020, 31, 100944.	1.7	10

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19	Laser-assisted diagnosis of symptomatic cracks in teeth with cracked tooth: A 4-year in vivo follow-up study. <i>Australian Endodontic Journal</i> , 2020, 46, 197-203.	0.6	11
20	Revised guidelines for educational requirements for specialisation in endodontics in Australia and New Zealand (July 2020). <i>Australian Endodontic Journal</i> , 2020, 46, 302-306.	0.6	2
21	Is partial pulpotomy in cariously exposed posterior permanent teeth a viable treatment option?. <i>Evidence-Based Dentistry</i> , 2020, 21, 112-113.	0.3	6
22	Streamlining and simplification of surgical stent fabrication for micro-endodontic surgery. <i>Australian Endodontic Journal</i> , 2020, 46, 445-451.	0.6	4
23	Oxidising agents and its effect on human dentine fluorescence diagnostic measurements. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101950.	1.3	3
24	Evaluation of bacterial kill in human roots infected with <i>Enterococcus faecalis</i> biofilm following 980nm laser activation of chlorhexidine. <i>Translational Biophotonics</i> , 2020, 2, e202000008.	1.4	0
25	Impact of Coping Veneering Techniques on the Survival of Implant-Supported Zirconia-Based-Crowns Cemented to Hybrid-Abutments: An-In-Vitro Study. <i>Bioengineering</i> , 2020, 7, 117.	1.6	5
26	Effects of Lasers and Their Delivery Characteristics on Machined and Micro-Roughened Titanium Dental Implant Surfaces. <i>Bioengineering</i> , 2020, 7, 93.	1.6	4
27	The effect of photobiomodulation on human dental pulp-derived stem cells: systematic review. <i>Lasers in Medical Science</i> , 2020, 35, 1889-1897.	1.0	19
28	Oral health and nicotine replacement therapy product. <i>European Journal of General Dentistry</i> , 2020, 9, 1-6.	0.1	3
29	Evaluation of biologic implant success parameters in type 2 diabetic glycemic control patients versus healthy patients: A meta-analysis. <i>Journal of Investigative and Clinical Dentistry</i> , 2019, 10, e12478.	1.8	19
30	Evaluation of the evidence of effectiveness of ultrasonic activated irrigation for root canal treatment. <i>Evidence-Based Dentistry</i> , 2019, 20, 83-84.	0.3	3
31	Efficacy of photobiomodulation on accelerating bone healing after tooth extraction: a systematic review. <i>Lasers in Medical Science</i> , 2019, 34, 685-692.	1.0	36
32	Influence of culture change on the perception of fear and anxiety pathways in Endodontics: A pilot proof of concept study. <i>Australian Endodontic Journal</i> , 2019, 45, 20-25.	0.6	2
33	Characterization of the Double Bond Conversion of Acrylic Resins for 3D Printing of Dental Prostheses. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2019, 40, e7-e11.	0.1	7
34	Dispersion of near-infrared laser energy through radicular dentine when using plain or conical tips. <i>Lasers in Medical Science</i> , 2018, 33, 251-255.	1.0	6
35	Evaluation of the influence of time and concentration of sodium hypochlorite on the bond strength of glass fibre post. <i>Australian Endodontic Journal</i> , 2018, 44, 267-272.	0.6	1
36	Development of techniques for determination of primary components of dental medicament paste mixtures for root canal treatment. <i>Journal of Investigative and Clinical Dentistry</i> , 2018, 9, e12294.	1.8	2

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37	Fracture resistance and survival of implant-supported, zirconia-based hybrid abutment crowns: Influence of aging and crown structure. <i>Journal of Investigative and Clinical Dentistry</i> , 2018, 9, e12355.	1.8	11
38	Fracture resistance of implant-supported monolithic crowns cemented to zirconia hybrid-abutments: zirconia-based crowns vs. lithium disilicate crowns. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 65.	1.1	32
39	Toxicological assessment of additively manufactured methacrylates for medical devices in dentistry. <i>Acta Biomaterialia</i> , 2018, 78, 64-77.	4.1	30
40	Biocompatibility of 3D-Printed Methacrylate for Hearing Devices. <i>Inventions</i> , 2018, 3, 52.	1.3	8
41	The need for virtual reality simulators in dental education: A review. <i>Saudi Dental Journal</i> , 2017, 29, 41-47.	0.5	131
42	Survival and testing parameters of zirconia-based crowns under cyclic loading in an aqueous environment: A systematic review. <i>Journal of Investigative and Clinical Dentistry</i> , 2017, 8, e12261.	1.8	14
43	Laser-Assisted Endodontics. , 2017, , 191-210.		1
44	Surface Changes of PathFile after Glide Path Preparation: An Ex Vivo and In Vivo Study. <i>Journal of Endodontics</i> , 2017, 43, 1674-1678.	1.4	5
45	Biocompatibility of Photopolymers in 3D Printing. <i>3D Printing and Additive Manufacturing</i> , 2017, 4, 185-191.	1.4	50
46	Activation of Alkaline Irrigation Fluids in Endodontics. <i>Materials</i> , 2017, 10, 1214.	1.3	22
47	Additive Manufacturing: A Novel Method for Fabricating Cobalt-Chromium Removable Partial Denture Frameworks. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2017, 25, 73-78.	0.3	17
48	Pulpal response following photo-biomodulation with a 904-nm diode laser: a double-blind clinical study. <i>Lasers in Medical Science</i> , 2016, 31, 1811-1817.	1.0	14
49	Precision of multi-frequency electronic apex locators. <i>Evidence-Based Dentistry</i> , 2016, 17, 86-87.	0.3	3
50	Preparedness and Practice Management Skills of Graduating Dental Students Entering the Work Force. <i>Education Research International</i> , 2015, 2015, 1-8.	0.6	6
51	Ethnicity and Pathways of Fear in Endodontics. <i>Journal of Endodontics</i> , 2015, 41, 1437-1440.	1.4	12
52	Characterisation of the efficacy of endodontic medications using a three-dimensional fluorescent tooth model: An ex vivo study. <i>Australian Endodontic Journal</i> , 2015, 41, 88-96.	0.6	5
53	Pathways of fear and anxiety in endodontic patients. <i>International Endodontic Journal</i> , 2015, 48, 528-532.	2.3	17
54	Nonsurgical retreatment vs. endodontic microsurgery: assessing success. <i>Evidence-Based Dentistry</i> , 2015, 16, 82-83.	0.3	4

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55	Laser-induced agitation and cavitation from proprietary honeycomb tips for endodontic applications. <i>Lasers in Medical Science</i> , 2015, 30, 1203-1208.	1.0	14
56	Dental Erosion and Dentinal Sensitivity amongst Professional Wine Tasters in South East Queensland, Australia. <i>Scientific World Journal</i> , The, 2014, 2014, 1-5.	0.8	10
57	Discoloration of Roots Caused by Residual Endodontic Intracanal Medicaments. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	9
58	Insufficient evidence to assess the effectiveness of antibiotics for irreversible pulpitis. <i>Evidence-Based Dentistry</i> , 2014, 15, 10-11.	0.3	2
59	Effectiveness of different intracanal irrigation techniques in removing intracanal paste medicaments. <i>Australian Endodontic Journal</i> , 2014, 40, 21-25.	0.6	26
60	Activation of ethylenediaminetetraacetic acid by a 940nm diode laser for enhanced removal of smear layer. <i>Australian Endodontic Journal</i> , 2014, 40, 72-75.	0.6	19
61	Pathways of fear and anxiety in dentistry: A review. <i>World Journal of Clinical Cases</i> , 2014, 2, 642.	0.3	107
62	Self-perceived work preparedness of the graduating dental students. <i>European Journal of Dental Education</i> , 2013, 17, 101-105.	1.0	23
63	Treatment of Root Canal Biofilms of <i>Enterococcus faecalis</i> with Ozone Gas and Passive Ultrasound Activation. <i>Journal of Endodontics</i> , 2012, 38, 523-526.	1.4	67
64	Root discoloration following short-term application of steroid medicaments containing clindamycin, doxycycline or demeclocycline. <i>Australian Endodontic Journal</i> , 2012, 38, 124-128.	0.6	23
65	Performance assessment of novel side firing safe tips for endodontic applications. <i>Journal of Biomedical Optics</i> , 2011, 16, 048004.	1.4	34
66	Thermal Effects from Modified Endodontic Laser Tips Used in the Apical Third of Root Canals with Erbium-Doped Yttrium Aluminium Garnet and Erbium, Chromium-Doped Yttrium Scandium Gallium Garnet Lasers. <i>Photomedicine and Laser Surgery</i> , 2010, 28, 161-165.	2.1	31
67	Cavitation Effects in Aqueous Endodontic Irrigants Generated by Near-infrared Lasers. <i>Journal of Endodontics</i> , 2010, 36, 275-278.	1.4	71
68	Laser Fluorescence Assessment of the Root Canal Using Plain and Conical Optical Fibers. <i>Journal of Endodontics</i> , 2010, 36, 119-122.	1.4	17
69	Awareness of complications of oral piercing in a group of adolescents and young South African adults. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, 744-747.	1.6	16
70	Performance assessment of novel side firing flexible optical fibers for dental applications. <i>Lasers in Surgery and Medicine</i> , 2009, 41, 214-221.	1.1	47
71	Apical Extrusion of Root Canal Irrigants When Using Er:YAG and Er,Cr:YSGG Lasers with Optical Fibers: An In Vitro Dye Study. <i>Journal of Endodontics</i> , 2008, 34, 706-708.	1.4	117
72	Evaluation of Smear Layer: A Comparison of Automated Image Analysis versus Expert Observers. <i>Journal of Endodontics</i> , 2008, 34, 999-1002.	1.4	40

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73	Laser Activation of Endodontic Irrigants with Improved Conical Laser Fiber Tips for Removing Smear Layer in the Apical Third of the Root Canal. Journal of Endodontics, 2008, 34, 1524-1527.	1.4	152