

# Joao Eduardo Gomes Filho

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

3,220  
citations

126907

33  
h-index

214800

47  
g-index

115  
all docs

115  
docs citations

115  
times ranked

2681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative pain in root canal treatment with ultrasonic versus conventional irrigation: a systematic review and meta-analysis of randomized controlled trials. <i>Clinical Oral Investigations</i> , 2022, 26, 3343-3356.	3.0	8
2	Biocompatible silver nanoparticles incorporated in acrylic resin for dental application inhibit <i>Candida albicans</i> biofilm. <i>Materials Science and Engineering C</i> , 2021, 118, 111341.	7.3	37
3	Omega-3 Fatty Acids Alter Systemic Inflammatory Mediators Caused by Apical Periodontitis. <i>Journal of Endodontics</i> , 2021, 47, 272-277.	3.1	6
4	Do customized fiberglass posts influence the bond interface in different regions of intraradicular dentin?. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 1675-1686.	2.6	1
5	Dietary supplementation with multi-strain formula of probiotics modulates inflammatory and immunological markers in apical periodontitis. <i>Journal of Applied Oral Science</i> , 2021, 29, e20210483.	1.8	7
6	Biological assessment of a new ready-to-use hydraulic sealer. <i>Restorative Dentistry &amp; Endodontics</i> , 2021, 46, e21.	1.5	7
7	Influência da infecção viral no processo de reparo das lesões periapicais: uma revisão narrativa. <i>Research, Society and Development</i> , 2021, 10, e14210313134.	0.1	0
8	Removal of fractured endodontic NiTi file in the apical third of the root canal using an alternative approach. A case report. <i>Research, Society and Development</i> , 2021, 10, e13810313097.	0.1	0
9	Influence of different obturation techniques in coronal bacterial infiltration: study in dogs. <i>Research, Society and Development</i> , 2021, 10, e11010413884.	0.1	3
10	Biocompatibility and biomineralization of the experimental nanoparticulate mineral trioxide aggregate (MTA). <i>Research, Society and Development</i> , 2021, 10, e27710514866.	0.1	0
11	Excessive caffeine intake increases bone resorption associated with periapical periodontitis in rats. <i>International Endodontic Journal</i> , 2021, 54, 1861-1870.	5.0	12
12	Avaliação da imunomarcagem de Fibronectina e Tenascina induzida por cimentos biocerâmicos reparadores: estudo em tecido subcutâneo de ratos wistar. <i>Research, Society and Development</i> , 2021, 10, e589101019325.	0.1	0
13	Avaliação inflamatória e imunohistoquímica de materiais reparadores biocerâmicos após pulpotomia: estudo em ratos wistar. <i>Research, Society and Development</i> , 2021, 10, e424101018480.	0.1	0
14	Effect of red wine or its polyphenols on induced apical periodontitis in rats. <i>International Endodontic Journal</i> , 2021, 54, 2276-2289.	5.0	8
15	Tracing the toxic ions of an endodontic tricalcium silicate-based sealer in local tissues and body organs. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126856.	3.0	2
16	Cutaneous Manifestations of Dental Interest in Patients Diagnosed With COVID-19. <i>Evaluation and the Health Professions</i> , 2021, 44, 102-103.	1.9	0
17	Influence of photodynamic therapy and intracanal medication on Martens hardness, elastic modulus and bond strength of glass-fiber posts to endodontically treated root dentin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102571.	2.6	15
18	Biological and antimicrobial properties of the association Ambroxol and a water-soluble viscous liquid as a vehicle for a tricalcium silicate-based sealer. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 140.	3.6	1

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19	Influence of photodynamic therapy on bond strength and adhesive interface morphology of MTA based root canal sealer to different thirds of intraradicular dentin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102031.	2.6	33
20	Reduced bone resorption and inflammation in apical periodontitis evoked by dietary supplementation with probiotics in rats. <i>International Endodontic Journal</i> , 2020, 53, 1084-1092.	5.0	24
21	Does photodynamic therapy with methylene blue affect the mechanical properties and bond strength of glass-fiber posts in different thirds of intraradicular dentin?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 30, 101673.	2.6	43
22	Cytotoxicity, inflammation, biomineralization, and immunoexpression of IL-1 $\beta$ and TNF- $\alpha$ promoted by a new bioceramic cement. <i>Journal of Applied Oral Science</i> , 2020, 28, e20200033.	1.8	8
23	Systemic administration of probiotics reduces the severity of apical periodontitis. <i>International Endodontic Journal</i> , 2019, 52, 1738-1749.	5.0	31
24	Hypertension affects the biocompatibility and biomineralization of MTA, High-plasticity MTA, and Biodentine $\text{\textcircled{R}}$ . <i>Brazilian Oral Research</i> , 2019, 33, e060.	1.4	13
25	Influence of the depth of intraradicular dentin on the pushout bond strength of resin materials. <i>Journal of Investigative and Clinical Dentistry</i> , 2019, 10, e12461.	1.8	5
26	Effects of different alcohol concentrations on the development of apical periodontitis in rats. <i>Archives of Oral Biology</i> , 2019, 108, 104538.	1.8	9
27	Influence of curcumin photosensitizer in photodynamic therapy on the mechanical properties and push-out bond strength of glass-fiber posts to intraradicular dentin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 376-381.	2.6	52
28	Comparison between calcium hydroxide mixtures and mineral trioxide aggregate in primary teeth pulpotomy: a randomized controlled trial. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180030.	1.8	13
29	Cyclic fatigue resistance of novel Genius and Edgefile nickel-titanium reciprocating instruments. <i>Brazilian Oral Research</i> , 2019, 33, e028.	1.4	5
30	Do Irrigation Solutions Influence the Bond Interface Between Glass Fiber Posts and Dentin?. <i>Brazilian Dental Journal</i> , 2019, 30, 106-116.	1.1	20
31	Chronic alcohol consumption increases inflammation and osteoclastogenesis in apical periodontitis. <i>International Endodontic Journal</i> , 2019, 52, 329-336.	5.0	29
32	Biocompatibility and biomineralization ability of Bio $\text{\textcircled{R}}$ Pulpecto. A histological and immunohistochemical study. <i>International Journal of Paediatric Dentistry</i> , 2019, 29, 352-360.	1.8	11
33	Biocompatibility and immunohistochemical evaluation of a new calcium silicate $\text{\textcircled{R}}$ -based cement, Bio $\text{\textcircled{R}}$ Pulpo. <i>International Endodontic Journal</i> , 2019, 52, 689-700.	5.0	35
34	The presence of osteocalcin, osteopontin and reactive oxygen species $\text{\textcircled{R}}$ -positive cells in pulp tissue after dental bleaching. <i>International Endodontic Journal</i> , 2019, 52, 665-675.	5.0	17
35	Biocompatibility and biomineralization assessment of mineral trioxide aggregate flow. <i>Clinical Oral Investigations</i> , 2019, 23, 169-177.	3.0	41
36	Omega-3 Fatty Acids Reduce Inflammation in Rat Apical Periodontitis. <i>Journal of Endodontics</i> , 2018, 44, 604-608.	3.1	36

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37	Systemic bone marker expression induced by grey and white mineral trioxide aggregate in normal and diabetic conditions. <i>International Endodontic Journal</i> , 2018, 51, 889-900.	5.0	8
38	Concentration-dependent effect of bleaching agents on the immunolabelling of interleukin-6, interleukin-17 and CD5-positive cells in the dental pulp. <i>International Endodontic Journal</i> , 2018, 51, 789-799.	5.0	29
39	Antimicrobial activity of <i>Psidium cattleianum</i> associated with calcium hydroxide against <i>Enterococcus faecalis</i> and <i>Candida albicans</i> : an in vitro study. <i>Clinical Oral Investigations</i> , 2018, 22, 2273-2279.	3.0	13
40	Endodontic infections increase leukocyte and lymphocyte levels in the blood. <i>Clinical Oral Investigations</i> , 2018, 22, 1395-1401.	3.0	18
41	The effect of dental bleaching on pulpal tissue response in a diabetic animal model: a study of immunoregulatory cytokines. <i>International Endodontic Journal</i> , 2018, 51, 347-356.	5.0	23
42	<scp>RUNX</scp>, <scp>OPN</scp> and <scp>OCN</scp> expression induced by grey and white mineral trioxide aggregate in normal and hypertensive rats. <i>International Endodontic Journal</i> , 2018, 51, 641-648.	5.0	18
43	Endodontic medicine: interrelationships among apical periodontitis, systemic disorders, and tissue responses of dental materials. <i>Brazilian Oral Research</i> , 2018, 32, e68.	1.4	27
44	Effects of mineral trioxide aggregate, Biodentine™ and calcium hydroxide on viability, proliferation, migration and differentiation of stem cells from human exfoliated deciduous teeth. <i>Journal of Applied Oral Science</i> , 2018, 26, e20160629.	1.8	41
45	Effect of photodynamic therapy on the mechanical properties and bond strength of glass-fiber posts to endodontically treated intraradicular dentin. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 317.e1-317.e7.	2.8	52
46	Hydrogen peroxide induces cell proliferation and apoptosis in pulp of rats after dental bleaching in vivo. <i>Archives of Oral Biology</i> , 2017, 81, 103-109.	1.8	53
47	Rat tissue reaction and cytokine production induced by antimicrobial photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 18, 315-318.	2.6	14
48	Omega 3 Fatty Acids Reduce Bone Resorption While Promoting Bone Generation in Rat Apical Periodontitis. <i>Journal of Endodontics</i> , 2017, 43, 970-976.	3.1	42
49	Cytotoxicity, Biocompatibility, and Biomineralization of the New High-plasticity MTA Material. <i>Journal of Endodontics</i> , 2017, 43, 774-778.	3.1	71
50	Evaluation of the Cytotoxicity and Biocompatibility of New Resin Epoxy-based Endodontic Sealer Containing Calcium Hydroxide. <i>Journal of Endodontics</i> , 2017, 43, 2088-2092.	3.1	64
51	Mineral trioxide aggregate improves healing response of periodontal tissue to injury in mice. <i>Journal of Periodontal Research</i> , 2017, 52, 1058-1067.	2.7	12
52	Influence of Apical Periodontitis on Stress Oxidative Parameters in Diabetic Rats. <i>Journal of Endodontics</i> , 2017, 43, 1651-1656.	3.1	24
53	Diabetes increases interleukin-17 levels in periapical, hepatic, and renal tissues in rats. <i>Archives of Oral Biology</i> , 2017, 83, 230-235.	1.8	25
54	The effect of dental bleaching on pulpal tissue response in a diabetic animal model. <i>International Endodontic Journal</i> , 2017, 50, 790-798.	5.0	28

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55	Factors affecting the periapical healing process of endodontically treated teeth. Journal of Applied Oral Science, 2017, 25, 465-476.	1.8	94
56	Penetration Capacity, Color Alteration and Biological Response of Two In-office Bleaching Protocols. Brazilian Dental Journal, 2016, 27, 169-175.	1.1	46
57	Evaluation of an experimental rat model for comparative studies of bleaching agents. Journal of Applied Oral Science, 2016, 24, 171-180.	1.8	33
58	Antimicrobial action of calcium hydroxide-based endodontic sealers after setting, against E. faecalis biofilm. Brazilian Oral Research, 2016, 30, .	1.4	16
59	Influence of diabetes mellitus on the mineralization ability of two endodontic materials. Brazilian Oral Research, 2016, 30, .	1.4	9
60	Relationship between hypertension and periapical lesion: an in vitro and in vivo study. Brazilian Oral Research, 2016, 30, e78.	1.4	13
61	Biocompatibility and biomineralization assessment of bioceramic-, epoxy-, and calcium hydroxide-based sealers. Brazilian Oral Research, 2016, 30, .	1.4	44
62	Multiple Apical Periodontitis Influences Serum Levels of Cytokines and Nitric Oxide. Journal of Endodontics, 2016, 42, 747-751.	3.1	56
63	InÂVitro and InÂVivo Toxicity Evaluation ofÂColloidal Silver Nanoparticles Used inÂEndodontic Treatments. Journal of Endodontics, 2016, 42, 953-960.	3.1	50
64	Evaluation of photodynamic therapy on fibroblast viability and cytokine production. Photodiagnosis and Photodynamic Therapy, 2016, 13, 97-100.	2.6	36
65	Hypertension Undermines Mineralization-inducing Capacity of and Tissue Response to Mineral Trioxide Aggregate Endodontic Cement. Journal of Endodontics, 2016, 42, 604-609.	3.1	16
66	Diminished Progression of Periapical Lesions with Zoledronic Acid in Ovariectomized Rats. Journal of Endodontics, 2015, 41, 2002-2007.	3.1	19
67	Mechanical properties of components of the bonding interface in different regions of radicular dentin surfaces. Journal of Prosthetic Dentistry, 2015, 113, 54-61.	2.8	22
68	Effect of Raloxifene on Periapical Lesions in Ovariectomized Rats. Journal of Endodontics, 2015, 41, 671-675.	3.1	26
69	Raloxifene modulates regulators of osteoclastogenesis and angiogenesis in an oestrogen deficiency periapical lesion model. International Endodontic Journal, 2015, 48, 1059-1068.	5.0	30
70	Influence of diabetes mellitus on tissue response to <sc>MTA</sc> and its ability to stimulate mineralization. Dental Traumatology, 2015, 31, 67-72.	2.0	13
71	The role of <sc>IL</sc>â€6 on apical periodontitis: a systematic review. International Endodontic Journal, 2014, 47, 615-621.	5.0	78
72	Relationships between oral infections and blood glucose concentrations or <sc>H</sc>b<sc>A</sc>1c levels in normal and diabetic rats. International Endodontic Journal, 2014, 47, 228-237.	5.0	52

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73	The use of NaOCl in combination with CHX produces cytotoxic product. <i>Clinical Oral Investigations</i> , 2014, 18, 935-940.	3.0	22
74	Apical periodontitis and periodontal disease increase serum IL-17 levels in normoglycemic and diabetic rats. <i>Clinical Oral Investigations</i> , 2014, 18, 2123-2128.	3.0	44
75	Histopathological Condition of the Remaining Tissues after Endodontic Infection of Rat Immature Teeth. <i>Journal of Endodontics</i> , 2014, 40, 538-542.	3.1	40
76	18-Year Follow-up of Dens Invaginatus: Retrograde Endodontic Treatment. <i>Journal of Endodontics</i> , 2014, 40, 1688-1690.	3.1	9
77	Blood Profile and Histology in Oral Infections Associated with Diabetes. <i>Journal of Endodontics</i> , 2014, 40, 1139-1144.	3.1	35
78	Biocompatibility and biomineralization assessment of a new root canal sealer and root end filling material. <i>Dental Traumatology</i> , 2013, 29, 145-150.	2.0	31
79	Pulpal and periodontal diseases increase triglyceride levels in diabetic rats. <i>Clinical Oral Investigations</i> , 2013, 17, 1595-1599.	3.0	36
80	The Number of Bleaching Sessions Influences Pulp Tissue Damage in Rat Teeth. <i>Journal of Endodontics</i> , 2013, 39, 1576-1580.	3.1	74
81	Histologic Characterization of Engineered Tissues in the Canal Space of Closed-apex Teeth with Apical Periodontitis. <i>Journal of Endodontics</i> , 2013, 39, 1549-1556.	3.1	48
82	Effect of MTA-based sealer on the healing of periapical lesions. <i>Journal of Applied Oral Science</i> , 2013, 21, 235-242.	1.8	27
83	Root Reconstructed with Mineral Trioxide Aggregate and Guided Tissue Regeneration in Apical Surgery: A 5-year Follow-up. <i>Brazilian Dental Journal</i> , 2013, 24, 428-432.	1.1	11
84	Sealing Ability of MTA Used as a Root End Filling Material: Effect of the Sonic and Ultrasonic Condensation. <i>Brazilian Dental Journal</i> , 2013, 24, 107-110.	1.1	21
85	Tissue Reaction to a Triantibiotic Paste Used for Endodontic Tissue Self-regeneration of Nonvital Immature Permanent Teeth. <i>Journal of Endodontics</i> , 2012, 38, 91-94.	3.1	73
86	Sealability of MTA and calcium hydroxide-containing sealers. <i>Journal of Applied Oral Science</i> , 2012, 20, 347-351.	1.8	41
87	Evaluation of tissue reaction to Aroeira ( <i>Myracrodruon urundeuva</i> ) extracts: a histologic and edemogenic study. <i>Journal of Applied Oral Science</i> , 2012, 20, 414-418.	1.8	20
88	Bone healing in critical size defects treated with either bone graft, membrane, or a combination of both materials: a histological and histometric study in rat tibiae. <i>Clinical Oral Implants Research</i> , 2012, 23, 384-388.	4.5	33
89	Rat tissue reaction to MTA FILLAPEX®. <i>Dental Traumatology</i> , 2012, 28, 452-456.	2.0	68
90	Evaluation of Rat Alveolar Bone Response to Angelus MTA or Experimental Light-cured Mineral Trioxide Aggregate Using Fluorochromes. <i>Journal of Endodontics</i> , 2011, 37, 250-254.	3.1	31

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91	Evaluation of tissue reaction, cell viability and cytokine production induced by Sealapex Plus. Journal of Applied Oral Science, 2011, 19, 329-336.	1.8	10
92	Tissue reaction to EndomÃ©thasone sealer in root canal fillings short of or beyond the apical foramen. Journal of Applied Oral Science, 2011, 19, 511-516.	1.8	13
93	Evaluation of subcutaneous and alveolar implantation surgical sites in the study of the biological properties of root-end filling endodontic materials. Journal of Applied Oral Science, 2010, 18, 75-82.	1.8	22
94	Tissue Reaction to Silver Nanoparticles Dispersion as an Alternative Irrigating Solution. Journal of Endodontics, 2010, 36, 1698-1702.	3.1	89
95	Histologic evaluation of the use of membrane, bone graft, and MTA in apical surgery. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, 309-314.	1.4	23
96	Mineral trioxide aggregate stimulates macrophages and mast cells to release neutrophil chemotactic factors: role of IL-1 $\beta$ , MIP-2 and LTB $_4$ . Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e135-e142.	1.4	9
97	Tissue reaction of the EndoREZ in root canal fillings short of or beyond an apical foramenlike communication. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e94-e99.	1.4	12
98	Influence of apical foramen widening and sealer on the healing of chronic periapical lesions induced in dogs' teeth. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, 932-940.	1.4	47
99	Evaluation of alveolar socket response to Angelus MTA and experimental light-cure MTA. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, e93-e97.	1.4	27
100	Effect of calcium hydroxide-based materials on periapical tissue healing and orthodontic root resorption of endodontically treated teeth in dogs. Dental Traumatology, 2009, 25, 213-218.	2.0	16
101	A Mineral Trioxide Aggregate Sealer Stimulated Mineralization. Journal of Endodontics, 2009, 35, 256-260.	3.1	112
102	Evaluation of the Tissue Reaction to Fast Endodontic Cement (CER) and Angelus MTA. Journal of Endodontics, 2009, 35, 1377-1380.	3.1	69
103	Evaluation of the Effects of Endodontic Materials on Fibroblast Viability and Cytokine Production. Journal of Endodontics, 2009, 35, 1577-1579.	3.1	43
104	Mineral Trioxide Aggregate but not Light-cure Mineral Trioxide Aggregate Stimulated Mineralization. Journal of Endodontics, 2008, 34, 62-65.	3.1	53
105	Mechanism of calcium hydroxide-induced neutrophil migration into air-pouch cavity. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, 814-821.	1.4	7
106	Reaction of rat connective tissue to a new calcium hydroxide-based sealer. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, e71-e76.	1.4	20
107	Comparison of the biocompatibility of different root canal irrigants. Journal of Applied Oral Science, 2008, 16, 137-144.	1.8	45
108	Evaluation of the apical infiltration after root canal disruption and obturation. Journal of Applied Oral Science, 2008, 16, 345-349.	1.8	8

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109	Histological evaluation of MTA as a root-end filling material. International Endodontic Journal, 2007, 40, 758-765.	5.0	40
110	Evaluation of the Tissue Response to MTA and MBPC: Microscopic Analysis of Implants in Alveolar Bone of Rats. Journal of Endodontics, 2006, 32, 556-559.	3.1	50
111	Comparative study of MTA and other materials in retrofilling of pulpless dogs' teeth. Brazilian Dental Journal, 2005, 16, 149-155.	1.1	73
112	Glycol Methacrylate: An Alternative Method for Embedding Subcutaneous Implants. Journal of Endodontics, 2001, 27, 266-268.	3.1	18
113	Influence of the Vehicle on the Tissue Reaction and Biomineralization of Fast Endodontic Cement. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 0, 21, .	0.9	1
114	Interleukin-6, tumor necrosis factor- $\alpha$ , and CD5 immunolabeling of new experimental endodontic sealer and repair material. Odontology / the Society of the Nippon Dental University, 0, , .	1.9	0
115	Influence of supplement administration of omega $\omega$ 3 on the subcutaneous tissue response of endodontic sealers in Wistar rats. International Endodontic Journal, 0, , .	5.0	2