Joao Eduardo Gomes Filho

List of Publications by Year
in descending order

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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	A Mineral Trioxide Aggregate Sealer Stimulated Mineralization. Journal of Endodontics, 2009, 35, 256-260.	3.1	112
2	Factors affecting the periapical healing process of endodontically treated teeth. Journal of Applied Oral Science, 2017, 25, 465-476.	1.8	94
3	Tissue Reaction to Silver Nanoparticles Dispersion as an Alternative Irrigating Solution. Journal of Endodontics, 2010, 36, 1698-1702.	3.1	89
4	The role of <scp>IL</scp>â€6 on apical periodontitis: a systematic review. International Endodontic Journal, 2014, 47, 615-621.	5.0	78
5	The Number of Bleaching Sessions Influences Pulp Tissue Damage in Rat Teeth. Journal of Endodontics, 2013, 39, 1576-1580.	3.1	74
6	Comparative study of MTA and other materials in retrofilling of pulpless dogs' teeth. Brazilian Dental Journal, 2005, 16, 149-155.	1.1	73
7	Tissue Reaction to a Triantibiotic Paste Used for Endodontic Tissue Self-regeneration of Nonvital Immature Permanent Teeth. Journal of Endodontics, 2012, 38, 91-94.	3.1	73
8	Cytotoxicity, Biocompatibility, and Biomineralization of the New High-plasticity MTA Material. Journal of Endodontics, 2017, 43, 774-778.	3.1	71
9	Evaluation of the Tissue Reaction to Fast Endodontic Cement (CER) and Angelus MTA. Journal of Endodontics, 2009, 35, 1377-1380.	3.1	69
10	Rat tissue reaction to MTA FILLAPEX^{Â®}. Dental Traumatology, 2012, 28, 452-456.	2.0	68
11	Evaluation of the Cytotoxicity and Biocompatibility of New Resin Epoxyâ€“based Endodontic Sealer Containing Calcium Hydroxide. Journal of Endodontics, 2017, 43, 2088-2092.	3.1	64
12	Multiple Apical Periodontitis Influences Serum Levels of Cytokines and Nitric Oxide. Journal of Endodontics, 2016, 42, 747-751.	3.1	56
13	Mineral Trioxide Aggregate but not Light-cure Mineral Trioxide Aggregate Stimulated Mineralization. Journal of Endodontics, 2008, 34, 62-65.	3.1	53
14	Hydrogen peroxide induces cell proliferation and apoptosis in pulp of rats after dental bleaching in vivo. Archives of Oral Biology, 2017, 81, 103-109.	1.8	53
15	Relationships between oral infections and blood glucose concentrations or <scp>H</scp>b<scp>A</scp>1c levels in normal and diabetic rats. International Endodontic Journal, 2014, 47, 228-237.	5.0	52
16	Effect of photodynamic therapy on the mechanical properties and bond strength of glass-fiber posts to endodontically treated intraradicular dentin. Journal of Prosthetic Dentistry, 2018, 120, 317.e1-317.e7.	2.8	52
17	Influence of curcumin photosensitizer in photodynamic therapy on the mechanical properties and push-out bond strength of glass-fiber posts to intraradicular dentin. Photodiagnosis and Photodynamic Therapy, 2019, 25, 376-381.	2.6	52
18	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

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19	InÂVitro and InÂVivo Toxicity Evaluation ofÂColloidal Silver Nanoparticles Used inÂEndodontic Treatments. Journal of Endodontics, 2016, 42, 953-960.	3.1	50
20	Histologic Characterization of Engineered Tissues in theÂCanal Space of Closed-apex Teeth with Apical Periodontitis. Journal of Endodontics, 2013, 39, 1549-1556.	3.1	48
21	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
22	Penetration Capacity, Color Alteration and Biological Response of Two In-office Bleaching Protocols. Brazilian Dental Journal, 2016, 27, 169-175.	1.1	46
23	Comparison of the biocompatibility of different root canal irrigants. Journal of Applied Oral Science, 2008, 16, 137-144.	1.8	45
24	Apical periodontitis and periodontal disease increase serum IL-17 levels in normoglycemic and diabetic rats. Clinical Oral Investigations, 2014, 18, 2123-2128.	3.0	44
25	Biocompatibility and biomineralization assessment of bioceramic-, epoxy-, and calcium hydroxide-based sealers. Brazilian Oral Research, 2016, 30, .	1.4	44
26	Evaluation of the Effects of Endodontic Materials on Fibroblast Viability and Cytokine Production. Journal of Endodontics, 2009, 35, 1577-1579.	3.1	43
27	Does photodynamic therapy with methylene blue affect the mechanical properties and bond strength of glass-fiber posts in different thirds of intraradicular dentin?. Photodiagnosis and Photodynamic Therapy, 2020, 30, 101673.	2.6	43
28	Omega 3 Fatty Acids Reduce Bone Resorption While Promoting Bone Generation in Rat Apical Periodontitis. Journal of Endodontics, 2017, 43, 970-976.	3.1	42
29	Sealability of MTA and calcium hydroxidecontaining sealers. Journal of Applied Oral Science, 2012, 20, 347-351.	1.8	41
30	Effects of mineral trioxide aggregate, BiodentineTM and calcium hydroxide on viability, proliferation, migration and differentiation of stem cells from human exfoliated deciduous teeth. Journal of Applied Oral Science, 2018, 26, e20160629.	1.8	41
31	Biocompatibility and biomineralization assessment of mineral trioxide aggregate flow. Clinical Oral Investigations, 2019, 23, 169-177.	3.0	41
32	Histological evaluation of MTA as a root-end filling material. International Endodontic Journal, 2007, 40, 758-765.	5.0	40
33	Histopathological Condition of the Remaining Tissues after Endodontic Infection of Rat Immature Teeth. Journal of Endodontics, 2014, 40, 538-542.	3.1	40
34	Biocompatible silver nanoparticles incorporated in acrylic resin for dental application inhibit Candida albicans biofilm. Materials Science and Engineering C, 2021, 118, 111341.	7.3	37
35	Pulpal and periodontal diseases increase triglyceride levels in diabetic rats. Clinical Oral Investigations, 2013, 17, 1595-1599.	3.0	36
36	Evaluation of photodynamic therapy on fibroblast viability and cytokine production. Photodiagnosis and Photodynamic Therapy, 2016, 13, 97-100.	2.6	36

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37	Omega-3 Fatty Acids Reduce Inflammation in Rat Apical Periodontitis. Journal of Endodontics, 2018, 44, 604-608.	3.1	36
38	Blood Profile and Histology in Oral Infections Associated with Diabetes. Journal of Endodontics, 2014, 40, 1139-1144.	3.1	35
39	Biocompatibility and immunohistochemical evaluation of a new calcium silicateâ€based cement, Bioâ€C Pulpo. International Endodontic Journal, 2019, 52, 689-700.	5.0	35
40	Bone healing in criticalâ€size defects treated with either bone graft, membrane, or a combination of both materials: a histological and histometric study in rat tibiae. Clinical Oral Implants Research, 2012, 23, 384-388.	4.5	33
41	Evaluation of an experimental rat model for comparative studies of bleaching agents. Journal of Applied Oral Science, 2016, 24, 171-180.	1.8	33
42	Influence of photodynamic therapy on bond strength and adhesive interface morphology of MTA based root canal sealer to different thirds of intraradicular dentin. Photodiagnosis and Photodynamic Therapy, 2020, 32, 102031.	2.6	33
43	Evaluation of Rat Alveolar Bone Response to Angelus MTA or Experimental Light-cured Mineral Trioxide Aggregate Using Fluorochromes. Journal of Endodontics, 2011, 37, 250-254.	3.1	31
44	Biocompatibility and biomineralization assessment of a new root canal sealer and rootâ€end filling material. Dental Traumatology, 2013, 29, 145-150.	2.0	31
45	Systemic administration of probiotics reduces the severity of apical periodontitis. International Endodontic Journal, 2019, 52, 1738-1749.	5.0	31
46	Raloxifene modulates regulators of osteoclastogenesis and angiogenesis in an oestrogen deficiency periapical lesion model. International Endodontic Journal, 2015, 48, 1059-1068.	5.0	30
47	Concentrationâ€dependent effect of bleaching agents on the immunolabelling of interleukinâ€6, interleukinâ€17 and CD5â€positive cells in the dental pulp. International Endodontic Journal, 2018, 51, 789-799.	5.0	29
48	Chronic alcohol consumption increases inflammation and osteoclastogenesis in apical periodontitis. International Endodontic Journal, 2019, 52, 329-336.	5.0	29
49	The effect of dental bleaching on pulpal tissue response in a diabetic animal model. International Endodontic Journal, 2017, 50, 790-798.	5.0	28
50	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
51	Effect of MTA-based sealer on the healing of periapical lesions. Journal of Applied Oral Science, 2013, 21, 235-242.	1.8	27
52	Endodontic medicine: interrelationships among apical periodontitis, systemic disorders, and tissue responses of dental materials. Brazilian Oral Research, 2018, 32, e68.	1.4	27
53	Effect of Raloxifene on Periapical Lesions in Ovariectomized Rats. Journal of Endodontics, 2015, 41, 671-675.	3.1	26
54	Diabetes increases interleukin-17 levels in periapical, hepatic, and renal tissues in rats. Archives of Oral Biology, 2017, 83, 230-235.	1.8	25

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55	Influence of Apical Periodontitis on Stress Oxidative Parameters in Diabetic Rats. Journal of Endodontics, 2017, 43, 1651-1656.	3.1	24
56	Reduced bone resorption and inflammation in apical periodontitis evoked by dietary supplementation with probiotics in rats. International Endodontic Journal, 2020, 53, 1084-1092.	5.0	24
57	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
58	The effect of dental bleaching on pulpal tissue response in a diabetic animal model: a study of immunoregulatory cytokines. International Endodontic Journal, 2018, 51, 347-356.	5.0	23
59	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
60	The use of NaOCl in combination with CHX produces cytotoxic product. Clinical Oral Investigations, 2014, 18, 935-940.	3.0	22
61	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
62	Sealing Ability of MTA Used as a Root End Filling Material: Effect of the Sonic and Ultrasonic Condensation. Brazilian Dental Journal, 2013, 24, 107-110.	1.1	21
63	Reaction of rat connective tissue to a new calcium hydroxideâ€“based sealer. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, e71-e76.	1.4	20
64	Evaluation of tissue reaction to Aroeira (Myracrodruon urundeuva) extracts: a histologic and edemogenic study. Journal of Applied Oral Science, 2012, 20, 414-418.	1.8	20
65	Do Irrigation Solutions Influence the Bond Interface Between Glass Fiber Posts and Dentin?. Brazilian Dental Journal, 2019, 30, 106-116.	1.1	20
66	Diminished Progression of Periapical Lesions with Zoledronic Acid in Ovariectomized Rats. Journal of Endodontics, 2015, 41, 2002-2007.	3.1	19
67	Glycol Methacrylate: An Alternative Method for Embedding Subcutaneous Implants. Journal of Endodontics, 2001, 27, 266-268.	3.1	18
68	Endodontic infections increase leukocyte and lymphocyte levels in the blood. Clinical Oral Investigations, 2018, 22, 1395-1401.	3.0	18
69	<scp>RUNX</scp>â€2, <scp>OPN</scp> and <scp>OCN</scp> expression induced by grey and white mineral trioxide aggregate in normal and hypertensive rats. International Endodontic Journal, 2018, 51, 641-648.	5.0	18
70	The presence of osteocalcin, osteopontin and reactive oxygen speciesâ€positive cells in pulp tissue after dental bleaching. International Endodontic Journal, 2019, 52, 665-675.	5.0	17
71	Effect of calcium hydroxideâ€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
72	Antimicrobial action of calcium hydroxide-based endodontic sealers after setting, against E. faecalis biofilm. Brazilian Oral Research, 2016, 30, .	1.4	16

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73	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
74	Influence of photodynamic therapy and intracanal medication on Martens hardness, elastic modulus and bond strength of glass-fiber posts to endodontically treated root dentin. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102571.	2.6	15
75	Rat tissue reaction and cytokine production induced by antimicrobial photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2017, 18, 315-318.	2.6	14
76	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
77	Influence of diabetes mellitus on tissue response to <scp>MTA</scp> and its ability to stimulate mineralization. Dental Traumatology, 2015, 31, 67-72.	2.0	13
78	Relationship between hypertension and periapical lesion: an in vitro and in vivo study. Brazilian Oral Research, 2016, 30, e78.	1.4	13
79	Antimicrobial activity of Psidium cattleianum associated with calcium hydroxide against Enterococcus faecalis and Candida albicans: an in vitro study. Clinical Oral Investigations, 2018, 22, 2273-2279.	3.0	13
80	Hypertension affects the biocompatibility and biomineralization of MTA, High-plasticity MTA, and BiodentineÂ®. Brazilian Oral Research, 2019, 33, e060.	1.4	13
81	Comparison between calcium hydroxide mixtures and mineral trioxide aggregate in primary teeth pulpotomy: a randomized controlled trial. Journal of Applied Oral Science, 2019, 27, e20180030.	1.8	13
82	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
83	Mineral trioxide aggregate improves healing response of periodontal tissue to injury in mice. Journal of Periodontal Research, 2017, 52, 1058-1067.	2.7	12
84	Excessive caffeine intake increases bone resorption associated with periapical periodontitis in rats. International Endodontic Journal, 2021, 54, 1861-1870.	5.0	12
85	Root Reconstructed with Mineral Trioxide Aggregate and Guided Tissue Regeneration in Apical Surgery: A 5-year Follow-up. Brazilian Dental Journal, 2013, 24, 428-432.	1.1	11
86	Biocompatibility and biomineralization ability of Bioâ€€ Pulpecto. A histological and immunohistochemical study. International Journal of Paediatric Dentistry, 2019, 29, 352-360.	1.8	11
87	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
88	Mineral trioxide aggregate stimulates macrophages and mast cells to release neutrophil chemotactic factors: role of IL-1Î², MIP-2 and LTB4. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e135-e142.	1.4	9
89	18-Year Follow-up of Dens Invaginatus: Retrograde Endodontic Treatment. Journal of Endodontics, 2014, 40, 1688-1690.	3.1	9
90	Influence of diabetes mellitus on the mineralization ability of two endodontic materials. Brazilian Oral Research, 2016, 30, .	1.4	9

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91	Effects of different alcohol concentrations on the development of apical periodontitis in rats. Archives of Oral Biology, 2019, 108, 104538.	1.8	9
92	Evaluation of the apical infiltration after root canal disruption and obturation. Journal of Applied Oral Science, 2008, 16, 345-349.	1.8	8
93	Systemic bone marker expression induced by grey and white mineral trioxide aggregate in normal and diabetic conditions. International Endodontic Journal, 2018, 51, 889-900.	5.0	8
94	Effect of red wine or its polyphenols on induced apical periodontitis in rats. International Endodontic Journal, 2021, 54, 2276-2289.	5.0	8
95	Cytotoxicity, inflammation, biomineralization, and immunoexpression of IL-1Î² and TNF-Î± promoted by a new bioceramic cement. Journal of Applied Oral Science, 2020, 28, e20200033.	1.8	8
96	Postoperative pain in root canal treatment with ultrasonic versus conventional irrigation: a systematic review and meta-analysis of randomized controlled trials. Clinical Oral Investigations, 2022, 26, 3343-3356.	3.0	8
97	Mechanism of calcium hydroxideâ€“induced neutrophil migration into air-pouch cavity. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, 814-821.	1.4	7
98	Dietary supplementation with multi-strain formula of probiotics modulates inflammatory and immunological markers in apical periodontitis. Journal of Applied Oral Science, 2021, 29, e20210483.	1.8	7
99	Biological assessment of a new ready-to-use hydraulic sealer. Restorative Dentistry & Endodontics, 2021, 46, e21.	1.5	7
100	Omega-3 Fatty Acids Alter Systemic Inflammatory Mediators Caused by Apical Periodontitis. Journal of Endodontics, 2021, 47, 272-277.	3.1	6
101	Influence of the depth of intraradicular dentin on the pushout bond strength of resin materials. Journal of Investigative and Clinical Dentistry, 2019, 10, e12461.	1.8	5
102	Cyclic fatigue resistance of novel Genius and Edgefile nickel-titanium reciprocating instruments. Brazilian Oral Research, 2019, 33, e028.	1.4	5
103	Influence of different obturation techniques in coronal bacterial infiltration: study in dogs. Research, Society and Development, 2021, 10, e11010413884.	0.1	3
104	Tracing the toxic ions of an endodontic tricalcium silicate-based sealer in local tissues and body organs. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126856.	3.0	2
105	Influence of supplement administration of omegaâ€3 on the subcutaneous tissue response of endodontic sealers in Wistar rats. International Endodontic Journal, 0, , .	5.0	2
106	Do customized fiberglass posts influence the bond interface in different regions of intraradicular dentin?. Journal of Adhesion Science and Technology, 2021, 35, 1675-1686.	2.6	1
107	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
108	Biological and antimicrobial properties of the association Ambroxol and a water-soluble viscous liquid as a vehicle for a tricalcium silicate-based sealer. Journal of Materials Science: Materials in Medicine, 2021, 32, 140.	3.6	1

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109	InfluÃªncia da infecÃ§Ã£o viral no processo de reparo das lesÃµes periapicais: uma revisÃ£o narrativa. Research, Society and Development, 2021, 10, e14210313134.	0.1	0
110	Removal of fractured endodontic NiTi file in the apical third of the root canal using an alternative approach. A case report. Research, Society and Development, 2021, 10, e13810313097.	0.1	0
111	Biocompatibility and biomineralization of the experimental nanoparticulate mineral trioxide aggregate (MTA). Research, Society and Development, 2021, 10, e27710514866.	0.1	0
112	AvaliaÃ§Ã£o da imunomarcaÃ§Ã£o de Fibronectina e Tenascina induzida por cimentos biocerÃ¢micos reparadores: estudo em tecido subcutÃ¢neo de ratos wistar. Research, Society and Development, 2021, 10, e589101019325.	0.1	0
113	AvaliaÃ§Ã£o inflamatÃ³ria e imunohistoquÃmica de materiais reparadores biocerÃ¢micos apÃ³s pulpotomia: estudo em ratos wistar. Research, Society and Development, 2021, 10, e424101018480.	0.1	0
114	Cutaneous Manifestations of Dental Interest in Patients Diagnosed With COVID-19. Evaluation and the Health Professions, 2021, 44, 102-103.	1.9	0
115	Interleukin-6, tumor necrosis factor-Î±, and CD5 immunolabeling of new experimental endodontic sealer and repair material. Odontology / the Society of the Nippon Dental University, 0, , .	1.9	0