Frederico C Martinho

List of Publications by Year
in descending order

84 papers	1,850 citations	185998 28 h-index	301761 39 g-index
86 all docs	86 docs citations	86 times ranked	1689 citing authors

#	Article	IF	Citations
1	Impact of N-acetylcysteine (NAC) and calcium hydroxide intracanal medications in primary endodontic infection: a randomized clinical trial. Clinical Oral Investigations, 2023, 27, 817-826.	1.4	4
2	Clinical influence of calcium hydroxide intracanal medications on matrix metalloproteinases and tissue inhibitors of metalloproteinases in apical periodontitis. Clinical Oral Investigations, 2022, 26, 643-650.	1.4	2
3	Comparison of GentleWave system and passive ultrasonic irrigation with minimally invasive and conventional instrumentation against LPS in infected root canals. Scientific Reports, 2022, 12, 4894.	1.6	4
4	Efficacy of GentleWave System and Passive Ultrasonic Irrigation with Minimally Invasive and Conventional Instrumentation Technique against Enterococcus faecalis Lipoteichoic Acid in Infected Root Canals. Journal of Endodontics, 2022, 48, 768-774.	1.4	6
5	Real-time 3-dimensional Dynamic Navigation System in Endodontic Microsurgery: A Cadaver Study. Journal of Endodontics, 2022, 48, 922-929.	1.4	24
6	Effects of Calcium Hydroxide Intracanal Medications on T Helper (Th1, Th2, Th9, Th17, and Tfh) and Regulatory T (Treg) Cell Cytokines in Apical Periodontitis: A CONSORT RCT. Journal of Endodontics, 2022, 48, 975-984.	1.4	5
7	A Cross-sectional Survey on the Impact of Coronavirus Disease 2019 on the Clinical Practice of Endodontists across the United States. Journal of Endodontics, 2021, 47, 28-38.	1.4	18
8	Resolution of Nasal Sinus Tract after Endodontic Therapy: A Case Report with Microbial Analysis. Journal of Endodontics, 2021, 47, 327-334.	1.4	4
9	Clinical influence of calcium hydroxide and Nâ€acetylcysteine on the levels of resolvins E1 and D2 in apical periodontitis. International Endodontic Journal, 2021, 54, 61-73.	2.3	9
10	Dental Abscess to Septic Shock: A Case Report and Literature Review. Journal of Endodontics, 2021, 47, 663-670.	1.4	5
11	Accuracy and efficiency of guided rootâ€end resection using a dynamic navigation system: a human cadaver study. International Endodontic Journal, 2021, 54, 793-801.	2.3	34
12	Aerosols Generated during Endodontic Treatment: A Special Concern during the Coronavirus Disease 2019 Pandemic. Journal of Endodontics, 2021, 47, 732-739.	1.4	15
13	Advancing Photodynamic Therapy for Endodontic Disinfection with Nanoparticles: Present Evidence and Upcoming Approaches. Applied Sciences (Switzerland), 2021, 11, 4759.	1.3	8
14	Influence of Bacterial Profiles in Cytokine and Clinical Features of Endodontic Disease. Journal of Endodontics, 2021, 47, 1265-1271.	1.4	13
15	Accuracy and Efficiency of 3-dimensional Dynamic Navigation System for Removal of Fiber Post from Root Canalâ€“Treated Teeth. Journal of Endodontics, 2021, 47, 1453-1460.	1.4	24
16	Three Dimensional mapping of the root apex: distances between apexes and anatomical structures and external cortical plates. Brazilian Oral Research, 2021, 35, e022.	0.6	4
17	Lowâ€shrinkageâ€stress nanocomposite: An insight into shrinkage stress, antibacterial, and ion release properties. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1124-1134.	1.6	6
18	Comparison of the effectiveness of single- and multiple-sessions disinfection protocols against endotoxins in root canal infections: systematic review and meta-analysis. Scientific Reports, 2021, 11, 1226.	1.6	14

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19	Positively Charged Polyvinylidene Fluoride (PVDF) Membrane: A Potential Alternative for Absorbent Paper Points in Endodontics. Journal of Endodontics, 2021, , .	1.4	1
20	Light Energy Dose and Photosensitizer Concentration Are Determinants of Effective Photo-Killing against Caries-Related Biofilms. International Journal of Molecular Sciences, 2020, 21, 7612.	1.8	13
21	Prospects on Nano-Based Platforms for Antimicrobial Photodynamic Therapy Against Oral Biofilms. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 481-496.	0.7	18
22	OSCE online teaching in predoctoral endodontics. Journal of Dental Education, 2020, 85, 1032.	0.7	2
23	Tooth sealing formulation with bacteriaâ€killing surface and onâ€demand ion release/recharge inhibits early childhood caries key pathogens. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 3217-3227.	1.6	16
24	S. mutans gene-modification and antibacterial resin composite as dual strategy to suppress biofilm acid production and inhibit caries. Journal of Dentistry, 2020, 93, 103278.	1.7	23
25	Microbial Profile and Endotoxin Levels in Primary Periodontal Lesions with Secondary Endodontic Involvement. Brazilian Dental Journal, 2019, 30, 356-362.	0.5	9
26	Comparison of two rotary systems in bacteria/lps removal from endodontic infections: randomized clinical trial. Brazilian Oral Research, 2019, 33, e039.	0.6	4
27	Effect of EDTA and QMIX Ultrasonic Activation on the Reduction of Microorganisms and Endotoxins in Ex Vivo Human Root Canals. Brazilian Dental Journal, 2019, 30, 220-226.	0.5	10
28	Correlation Between Volume of Root Canal, Cultivable Bacteria, Bacterial Complexes and Endotoxins in Primary Infection. Brazilian Dental Journal, 2019, 30, 117-122.	0.5	5
29	Nonsurgical endodontic management of dens invaginatus: a report of two cases. F1000Research, 2019, 8, 2039.	0.8	9
30	Comparison of cytotoxicity, genotoxicity and immunological inflammatory biomarker activity of several endodontic sealers against immortalized human pulp cells. International Endodontic Journal, 2018, 51, 41-57.	2.3	22
31	Increased Root Canal Endotoxin Levels are Associated with Chronic Apical Periodontitis, Increased Oxidative and Nitrosative Stress, Major Depression, Severity of Depression, and a Lowered Quality of Life. Molecular Neurobiology, 2018, 55, 2814-2827.	1.9	50
32	Clinical comparison of the effectiveness of 7- and 14-day intracanal medications in root canal disinfection and inflammatory cytokines. Clinical Oral Investigations, 2018, 22, 523-530.	1.4	42
33	Comparison between inflammation-related markers in peri-implant crevicular fluid and clinical parameters during osseointegration in edentulous jaws. Clinical Oral Investigations, 2018, 22, 531-543.	1.4	24
34	Colonization of oropharynx and lower respiratory tract in critical patients: Risk of ventilator-associated pneumonia. Archives of Oral Biology, 2018, 85, 64-69.	0.8	42
35	Healing of Apical Periodontitis after Nonsurgical Root Canal Treatment: The Role of Statin Intake. Journal of Endodontics, 2018, 44, 1355-1360.	1.4	23
36	Does supplemental photodynamic therapy optimize the disinfection of bacteria and endotoxins in one-visit and two-visit root canal therapy? A randomized clinical trial. Photodiagnosis and Photodynamic Therapy, 2017, 19, 205-211.	1.3	40

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37	Clinical efficacy of <scp>EDTA</scp> ultrasonic activation in the reduction of endotoxins and cultivable bacteria. International Endodontic Journal, 2017, 50, 933-940.	2.3	27
38	Participation of endotoxin in root canal infections: A systematic review and meta-analysis. European Journal of Dentistry, 2017, 11, 398-406.	0.8	31
39	Anticoagulant effects of phytotherapeutic drugs and their importance in surgical dental procedures. Rgo, 2017, 65, 148-150.	0.2	0
40	Diversidade bacteriana nas infecÃ§Ãµes endodÃ´nticas primÃ¡rias e secundÃ¡rias/persistentes atravÃ©s da tÃ©cnica de Checkerboard DNA-DNA Hybridization. Dental Press Endodontics, 2017, 7, 61-66.	0.0	0
41	REABSORÃ‡ÃƒO RADICULAR INTERNA E EXTERNA: DIAGNÃ“STICO E CONDUTA CLÃNICA. Arquivos Do Mudi, 2016, 19, 43.	0.1	0
42	Investigation of Bacterial Contents From Persistent Endodontic Infection and Evaluation of Their Inflammatory Potential. Brazilian Dental Journal, 2016, 27, 412-418.	0.5	6
43	Comparison of Fusobacterium nucleatum and Porphyromonas gingivalis Lipopolysaccharides Clinically Isolated from Root Canal Infection in the Induction of Pro-Inflammatory Cytokines Secretion. Brazilian Dental Journal, 2016, 27, 202-207.	0.5	20
44	Clinical Investigation of Matrix Metalloproteinases, Tissue Inhibitors of Matrix Metalloproteinases, and Matrix Metalloproteinase/Tissue Inhibitors of Matrix Metalloproteinase Complexes and Their Networks in Apical Periodontitis. Journal of Endodontics, 2016, 42, 1082-1088.	1.4	36
45	<b>Investigation in vivo of Enterococcus faecalis in endodontic retreatment by phenotypic and genotypic methods. Acta Scientiarum - Health Sciences, 2015, 37, 95.	0.2	7
46	Comparison of Different Irrigants in the Removal of Endotoxins and Cultivable Microorganisms from Infected Root Canals. Scientific World Journal, The, 2015, 2015, 1-6.	0.8	8
47	Proinflammatory Activity of Primarily Infected Endodontic Content against Macrophages after Different Phases of the Root Canal Therapy. Journal of Endodontics, 2015, 41, 817-823.	1.4	22
48	Prevalence of Treponema Species Detected in Endodontic Infections: Systematic Review and Meta-regression Analysis. Journal of Endodontics, 2015, 41, 579-587.	1.4	10
49	Clinical Influence of Different Intracanal Medications onÂTh1-type and Th2-type Cytokine Responses inÂApicalÂPeriodontitis. Journal of Endodontics, 2015, 41, 169-175.	1.4	30
50	Correlation between Volume of Apical Periodontitis Determined by Cone-beam Computed Tomography Analysis and Endotoxin Levels Found in Primary Root Canal Infection. Journal of Endodontics, 2015, 41, 1015-1019.	1.4	36
51	Microbiological Profile Resistant to Different Intracanal Medications in Primary Endodontic Infections. Journal of Endodontics, 2015, 41, 824-830.	1.4	32
52	Endodontic retreatment: clinical comparison of reciprocating systems versus rotary system in disinfecting root canals. Clinical Oral Investigations, 2015, 19, 1411-1417.	1.4	37
53	Effect of GaAlAs low-level laser therapy on the healing of human palate mucosa after connective tissue graft harvesting: randomized clinical trial. Lasers in Medical Science, 2015, 30, 1695-1702.	1.0	49
54	Comparison of Different Dentin Pretreatment Protocols onÂthe Bond Strength of Glass Fiber Post Using Self-etchingÂAdhesive. Journal of Endodontics, 2015, 41, 83-87.	1.4	52

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55	Does the Reciproc file remove root canal bacteria and endotoxins as effectively as multifile rotary systems?. International Endodontic Journal, 2015, 48, 542-548.	2.3	35
56	Relationship between patientâ€™s education level and knowledge on oral health preventive measures. International Dental & Medical Journal of Advanced Research - VOLUME 2015, 2015, 1, 1-7.	0.2	10
57	Cone-beam Computed Tomographic Analysis: Comparison of the Efficacy of Two Rotary Retreatment Systems for Removal of Filling Material from Primary Teeth Obturated with Contemporary Endodontic Sealers. World Journal of Dentistry, 2015, 6, 129-137.	0.1	0
58	Comparison of the effectiveness of 3 irrigation devices for the cleaning of root canal walls instrumented with oscillatory and rotary techniques. General Dentistry, 2015, 63, 71-4.	0.4	1
59	Monitoring the effectiveness of root canal procedures on endotoxin levels found in teeth with chronic apical periodontitis. Journal of Applied Oral Science, 2014, 22, 490-495.	0.7	23
60	Quantification of Endotoxins in Infected Root Canals andÂAcute Apical Abscess Exudates: Monitoring the Effectiveness of Root Canal Procedures in the Reduction ofÂEndotoxins. Journal of Endodontics, 2014, 40, 177-181.	1.4	43
61	Clinical investigation of bacterial species and endotoxin in endodontic infection and evaluation of root canal content activity against macrophages by cytokine production. Clinical Oral Investigations, 2014, 18, 2095-2102.	1.4	30
62	Signaling Pathways Activation by Primary Endodontic Infectious Contents and Production of Inflammatory Mediators. Journal of Endodontics, 2014, 40, 484-489.	1.4	29
63	Macrophage Cell Activation with Acute Apical Abscess Contents Determined by Interleukin-1 Beta and Tumor Necrosis Factor Alpha Production. Journal of Endodontics, 2014, 40, 1752-1757.	1.4	12
64	Clinical Comparison of the Effectiveness of Single-file Reciprocating Systems and Rotary Systems for Removal of Endotoxins and Cultivable Bacteria from Primarily Infected Root Canals. Journal of Endodontics, 2014, 40, 625-629.	1.4	52
65	PCR identiï¬cation of endodontic pathogens and DNA quantiï¬cation in samples from teeth with posttreatment apical periodontitis. Clinical and Laboratorial Research in Dentistry, 2014, 20, 197.	0.1	4
66	Evaluation of 0.5% peracetic acid and 2.5% sodium hypochlorite on smear layer removal of root canal instrumented by three rotary systems. Brazilian Dental Science, 2014, 17, 62-71.	0.1	1
67	Culture and molecular analysis of Enterococcus faecalis and antimicrobial susceptibility of clinical isolates from patients with failure endodontic treatment. Brazilian Dental Science, 2014, 17, 83-91.	0.1	7
68	Investigation of virulence factors of Enterococcus faecalis strains isolated in secondary/ persistent infections. Brazilian Dental Science, 2014, 17, 32-38.	0.1	0
69	One-Visit Versus Two-Visit Root Canal Treatment: Effectiveness in the Removal of Endotoxins and Cultivable Bacteria. Journal of Endodontics, 2013, 39, 959-964.	1.4	57
70	Treponema diversity in root canals with endodontic failure. European Journal of Dentistry, 2013, 07, 061-068.	0.8	9
71	Evaluation of the Influence of the Nd:YAG Laser and Different Irrigants on the Bond Strength of the Adhesion of the Fiber Posts to Root Dentin using a Self-etching Adhesive System. World Journal of Dentistry, 2013, 4, 170-174.	0.1	1
72	Effect of root perforations on the bond strength of fiberglass post using different adhesive systems and resin cement. Brazilian Dental Science, 2013, 16, 84.	0.1	0

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73	Treponema diversity in root canals with endodontic failure. European Journal of Dentistry, 2013, 7, 61-8.	0.8	4
74	Quantification of cultivable bacteria and endotoxin in post-treatment apical periodontitis before and after chemo-mechanical preparation. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 2575-2583.	1.3	38
75	Correlation between Clinical/Radiographic Features and Inflammatory Cytokine Networks Produced by Macrophages Stimulated with Endodontic Content. Journal of Endodontics, 2012, 38, 740-745.	1.4	75
76	Comparison of Endotoxin Levels Found in Primary and Secondary Endodontic Infections. Journal of Endodontics, 2012, 38, 1082-1086.	1.4	59
77	Influence of the apical enlargement size on the endotoxin level reduction of dental root canals. Journal of Applied Oral Science, 2012, 20, 661-666.	0.7	34
78	Comparison of Endotoxin Levels in Previous Studies on Primary Endodontic Infections. Journal of Endodontics, 2011, 37, 163-167.	1.4	49
79	Antigenicity of Primary Endodontic Infection against Macrophages by the Levels of PGE2 Production. Journal of Endodontics, 2011, 37, 602-607.	1.4	32
80	Efficacy of chemo-mechanical preparation with different substances and the use of a root canal medication in dogâ€™s teeth with induced periapical lesion. Dental Press Endodontics, 2011, 1, 37-45.	0.0	0
81	Antigenic Activity of Bacterial Endodontic Contents from Primary Root Canal Infection with Periapical Lesions against Macrophage in the Release of Interleukin-1Î² and Tumor Necrosis Factor Î±. Journal of Endodontics, 2010, 36, 1467-1474.	1.4	59
82	Clinical Investigation of the Efficacy of Chemomechanical Preparation with Rotary Nickel-Titanium Files for Removal of Endotoxin from Primarily Infected Root Canals. Journal of Endodontics, 2010, 36, 1766-1769.	1.4	48
83	Comparison of 2.5% Sodium Hypochlorite and 2% Chlorhexidine Gel on Oral Bacterial Lipopolysaccharide Reduction from Primarily Infected Root Canals. Journal of Endodontics, 2009, 35, 1350-1353.	1.4	88
84	Quantification of Endotoxins and Cultivable Bacteria in Root Canal Infection before and after Chemomechanical Preparation with 2.5% Sodium Hypochlorite. Journal of Endodontics, 2008, 34, 268-272.	1.4	93