

Giulio Gavini

List of Publications by Year in descending order

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69
papers

1,851
citations

279487

23
h-index

276539

41
g-index

69
all docs

69
docs citations

69
times ranked

2148
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of experimental endodontic sealers containing bioactive glasses particles of NbG or 45S5. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104971.	1.5	11
2	Retrospective study of endodontic treatment performed by undergraduate students using reciprocating instrumentation and single cone obturation. <i>Journal of Dental Education</i> , 2022, 86, 751-758.	0.7	1
3	Retratamento endod�ntico seletivo de molar inferior com periodontite apical – relato de caso. <i>Research, Society and Development</i> , 2022, 11, e46411125211.	0.0	0
4	Nature and Prevalence of Bacterial Taxa Persisting after Root Canal Chemomechanical Preparation in Permanent Teeth: A Systematic Review and Meta-analysis. <i>Journal of Endodontics</i> , 2022, 48, 572-596.	1.4	5
5	Optimum glide path motion is safer than continuous rotation of files in glide path preparation. <i>Australian Endodontic Journal</i> , 2021, , .	0.6	3
6	Blooming artifact reduction using different cone-beam computed tomography software to analyze endodontically treated teeth with intracanal posts. <i>Computers in Biology and Medicine</i> , 2021, 136, 104679.	3.9	11
7	Analysis of Active Bacteria Persisting after Chemomechanical Procedures: An RNA- and DNA-based Molecular Study. <i>Journal of Endodontics</i> , 2020, 46, 1570-1576.	1.4	8
8	Assessment of Mechanical Root Canal Preparation with Centric Reciprocating or Eccentric Rotary Kinematics: A Micro-computed Tomographic Study. <i>Journal of Endodontics</i> , 2020, 46, 1309-1316.	1.4	12
9	Cytotoxic Effect of Niobium Phosphate Glass-based Gutta-Percha Points on Periodontal Ligament Fibroblasts In Vitro. <i>Journal of Endodontics</i> , 2020, 46, 1297-1301.	1.4	4
10	Effects of Contemporary Irrigant Activation Schemes and Subsequent Placement of an Interim Dressing on Bacterial Presence and Activity in Root Canals Associated with Asymptomatic Apical Periodontitis. <i>Journal of Clinical Medicine</i> , 2020, 9, 854.	1.0	15
11	Knowledge about Coronavirus disease 19 (COVID-19) and its professional repercussions among Brazilian endodontists. <i>Brazilian Oral Research</i> , 2020, 34, e117.	0.6	3
12	Comparison of rRNA-based reverse transcription PCR and rDNA-based PCR for the detection of streptococci in root canal infections. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180256.	0.7	3
13	Penetration of bioceramic and epoxy-resin endodontic cements into lateral canals. <i>Brazilian Oral Research</i> , 2019, 33, e049.	0.6	8
14	Photobiomodulation enhancement of cell proliferation at 660 nm does not require cytochrome c oxidase. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 194, 71-75.	1.7	51
15	Torsional fatigue strength of reciprocating and rotary pathfinding instruments manufactured from different NiTi alloys. <i>Brazilian Oral Research</i> , 2019, 33, e097.	0.6	9
16	Effect of ultrasonic activation on the reduction of bacteria and endotoxins in root canals: a randomized clinical trial. <i>International Endodontic Journal</i> , 2018, 51, e12-e22.	2.3	32
17	Counterclockwise or clockwise reciprocating motion for oval root canal preparation: a micro-CT analysis. <i>International Endodontic Journal</i> , 2018, 51, 541-548.	2.3	23
18	Nickel-titanium instruments in endodontics: a concise review of the state of the art. <i>Brazilian Oral Research</i> , 2018, 32, e67.	0.6	140

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19	Analysis of Demineralized Chemical Substances for Disinfecting Gutta-percha Cones. Iranian Endodontic Journal, 2018, 13, 318-322.	0.8	2
20	Micro-CT Evaluation of Gutta-Percha Removal by Two Retreatment Systems. Iranian Endodontic Journal, 2018, 13, 221-227.	0.8	4
21	Presence of Voids after Continuous Wave of Condensation and Single-cone Obturation in Mandibular Molars: A Micro-computed Tomography Analysis. Journal of Endodontics, 2017, 43, 638-642.	1.4	50
22	In vivo experimental model of orthotopic dental pulp regeneration under the influence of photobiomodulation therapy. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 180-186.	1.7	25
23	Micro-computed Tomography versus the Cross-sectioning Method to Evaluate Dentin Defects Induced by Different Mechanized Instrumentation Techniques. Journal of Endodontics, 2017, 43, 2102-2107.	1.4	21
24	Effect of rewetting solutions on micropush-out dentin bond strength of new bioceramic endodontic material. Brazilian Oral Research, 2017, 31, e76.	0.6	5
25	Micro Push-out Bond Strength and Bioactivity Analysis of a Bioceramic Root Canal Sealer. Iranian Endodontic Journal, 2017, 12, 343-348.	0.8	31
26	Ions Release and pH of Calcium Hydroxide-, Chlorhexidine- and Bioactive Glass-Based Endodontic Medicaments. Brazilian Dental Journal, 2016, 27, 325-331.	0.5	25
27	Comparative analyses of ion release, pH and multispecies biofilm formation between conventional and bioactive gutta-percha. International Endodontic Journal, 2016, 49, 1048-1056.	2.3	22
28	Late Effects of Head and Neck Radiotherapy on Pulp Vitality Assessed by Pulse Oximetry. Journal of Endodontics, 2016, 42, 886-889.	1.4	23
29	Pulse oximetry: a useful test for evaluating pulp vitality in traumatized teeth. Dental Traumatology, 2016, 32, 385-389.	0.8	24
30	Micro-Computed Tomographic Evaluation of 2 Nickel-Titanium Instrument Systems in Shaping Root Canals. Journal of Endodontics, 2016, 42, 496-499.	1.4	50
31	Cytotoxicity, genotoxicity and antibacterial effectiveness of a bioceramic endodontic sealer. International Endodontic Journal, 2016, 49, 858-864.	2.3	85
32	Eight-year follow-up of autogenous tooth transplantation involving multidisciplinary treatment. Journal of Oral Science, 2015, 57, 273-276.	0.7	9
33	Ex vivo evaluation of three instrumentation techniques on E. faecalis biofilm within oval shaped root canals. Brazilian Oral Research, 2015, 29, 1-7.	0.6	13
34	Effect of different torques in cyclic fatigue resistance of K3 rotary instruments. Brazilian Journal of Oral Sciences, 2015, 14, 122-125.	0.1	5
35	The Influence of Dentine on the pH of Calcium Hydroxide, Chlorhexidine Gel, and Experimental Bioactive Glass-Based Root Canal Medicament. Scientific World Journal, The, 2015, 2015, 1-5.	0.8	6
36	Micro-computed Tomographic Evaluation of Hard Tissue Debris Removal after Different Irrigation Methods and Its Influence on the Filling of Curved Canals. Journal of Endodontics, 2015, 41, 1660-1666.	1.4	61

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37	RNA-based Assay Demonstrated Enterococcus faecalis Metabolic Activity after Chemomechanical Procedures. Journal of Endodontics, 2015, 41, 1441-1444.	1.4	21
38	A micro-computed tomography evaluation of long-oval canal preparation using reciprocating or rotary systems. International Endodontic Journal, 2015, 48, 1001-1006.	2.3	45
39	Micropush-out dentine bond strength of a new gutta-percha and niobium phosphate glass composite. International Endodontic Journal, 2015, 48, 451-459.	2.3	39
40	Avaliação, por meio da microtomografia computadorizada, do acúmulo de debris dentinários após o preparo do canal com um instrumento único reciprocante. Clinical and Laboratorial Research in Dentistry, 2014, 20, 209.	0.1	0
41	Apical Root Canal Transportation and Remaining Dentin Thickness Associated with ProTaper Universal with and without PathFile. Journal of Endodontics, 2014, 40, 688-693.	1.4	28
42	Not All Electronic Foramen Locators Are Accurate in Teeth with Enlarged Apical Foramina: An In Vitro Comparison of 5 Brands. Journal of Endodontics, 2014, 40, 109-112.	1.4	19
43	Effectiveness of 18F-sodium fluoride positron emission tomography/computed tomography scan in the early detection of periradicular lesions. Journal of Oral and Maxillofacial Radiology, 2014, 2, 82.	0.2	0
44	Effect of chemical and Er:YAG laser treatment on bond strength of root canal resin-based sealers. Lasers in Medical Science, 2013, 28, 253-258.	1.0	8
45	<i>Ex vivo</i> evaluation of the effects of several root canal preparation techniques and irrigation regimens on a mixed microbial infection. International Endodontic Journal, 2013, 46, 217-224.	2.3	29
46	Influence of Apical Patency and Cleaning of the Apical Foramen on Periapical Extrusion in Retreatment. Brazilian Dental Journal, 2013, 24, 482-486.	0.5	16
47	Cyclic Fatigue Resistance of Rotary NiTi Instruments after Simulated Clinical Use in Curved Root Canals. Brazilian Dental Journal, 2013, 24, 117-120.	0.5	23
48	Resistance to Flexural Fatigue of Reciproc R25 Files under Continuous Rotation and Reciprocating Movement. Journal of Endodontics, 2012, 38, 684-687.	1.4	130
49	Effect of Nitrogen Ion Implantation on the Flexibility of Rotary Nickel-Titanium Instruments. Journal of Endodontics, 2012, 38, 673-675.	1.4	6
50	Evaluation of Radiopacity, pH, Release of Calcium Ions, and Flow of a Bioceramic Root Canal Sealer. Journal of Endodontics, 2012, 38, 842-845.	1.4	248
51	FE-SEM Evaluation of Dental Specimens Prepared by Different Methods for In Vitro Contamination. International Journal of Dentistry, 2012, 2012, 1-5.	0.5	2
52	Assessing apical transportation in curved canals: comparison between cross-sections and micro-computed tomography. Brazilian Oral Research, 2012, 26, 222-227.	0.6	25
53	Influence of pulp condition on the accuracy of an electronic foramen locator in posterior teeth: an in vivo study. Brazilian Oral Research, 2012, 26, 106-111.	0.6	18
54	Influence of pulp condition on the accuracy of an electronic foramen locator in posterior teeth: an in vivo study. Brazilian Oral Research, 2012, 26, 106-111.	0.6	3

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55	Microscopic computerized tomographic evaluation of root canal transportation prepared with twisted or ground nickel-titanium rotary instruments. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, e143-e148.	1.6	28
56	Pulp Vitality in Patients with Intraoral and Oropharyngeal Malignant Tumors Undergoing Radiation Therapy Assessed by Pulse Oximetry. Journal of Endodontics, 2011, 37, 1197-1200.	1.4	35
57	Influence of dentin on pH of 2% chlorhexidine gel and calcium hydroxide alone or in combination. Dental Traumatology, 2010, 26, 276-280.	0.8	21
58	Effect of the Combination of Sodium Hypochlorite and Chlorhexidine on Dentinal Permeability and Scanning Electron Microscopy Precipitate Observation. Journal of Endodontics, 2010, 36, 847-850.	1.4	68
59	Cyclic Fatigue Resistance of Rotary Nickel-Titanium Instruments Submitted to Nitrogen Ion Implantation. Journal of Endodontics, 2010, 36, 1183-1186.	1.4	32
60	Determination of pulp vitality <i>in vivo</i> with pulse oximetry. International Endodontic Journal, 2008, 41, 741-746.	2.3	54
61	Influence of pulp vitality on length determination by using the elements diagnostic unit and apex locator. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e129-e132.	1.6	28
62	Cytotoxicity analysis of EDTA and citric acid applied on murine resident macrophages culture. International Endodontic Journal, 2007, 40, 338-343.	2.3	63
63	In Vitro Evaluation of the Cytotoxic Effects of Acid Solutions Used as Canal Irrigants. Journal of Endodontics, 2005, 31, 746-748.	1.4	55
64	Diffusion of calcitonin through the wall of the root canal. Brazilian Oral Research, 2004, 18, 59-62.	0.6	5
65	Association of Er:YAG and Nd:YAG irradiation for apicoectomy and retrofilling cavity preparation compared to conventional technique: a permeability study. , 1999, 3593, 2.		1
66	In-vitro evaluation of Er:YAG laser irradiation in apicoectomy and retrofilling cavity preparation compared to two other techniques. , 1998, , .		0
67	Morphological analysis of the retrofilled apical dentin surfaces irradiated with CO ₂ laser. , 1998, , .		0
68	CO ₂ laser on apical seal of retrofilled teeth. , 1997, 2973, 168.		1
69	Influence of cross-section and number of use in cyclic fatigue resistance of rotary instruments. Brazilian Journal of Oral Sciences, 0, 18, e191208.	0.1	0