

Federico Foschi

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,420
citations

257101

24
h-index

205818

48
g-index

71
all docs

71
docs citations

71
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic Therapy for Endodontic Disinfection. <i>Journal of Endodontics</i> , 2006, 32, 979-984.	1.4	235
2	Nanoparticle-based Endodontic Antimicrobial Photodynamic Therapy. <i>Journal of Endodontics</i> , 2010, 36, 322-328.	1.4	198
3	Photodynamic Treatment of Endodontic Polymicrobial Infection In Vitro. <i>Journal of Endodontics</i> , 2008, 34, 728-734.	1.4	191
4	The detection of periapical pathosis using digital periapical radiography and cone beam computed tomography â€” Part 2: a 1â€”year postâ€”treatment followâ€”up. <i>International Endodontic Journal</i> , 2012, 45, 711-723.	2.3	149
5	Photodynamic inactivation of <i>Enterococcus faecalis</i> in dental root canals in vitro. <i>Lasers in Surgery and Medicine</i> , 2007, 39, 782-787.	1.1	133
6	SEM evaluation of canal wall dentine following use of Mtwo and ProTaper NiTi rotary instruments. <i>International Endodontic Journal</i> , 2004, 37, 832-839.	2.3	127
7	Detection of bacteria in endodontic samples by polymerase chain reaction assays and association with defined clinical signs in Italian patients. <i>Oral Microbiology and Immunology</i> , 2005, 20, 289-295.	2.8	97
8	Molecular detection of <i>Treponema denticola</i> and <i>Porphyromonas gingivalis</i> in carotid and aortic atheromatous plaques by FISH: report of two cases. <i>Journal of Medical Microbiology</i> , 2005, 54, 93-96.	0.7	87
9	External cervical resorption: a threeâ€”dimensional classification. <i>International Endodontic Journal</i> , 2018, 51, 206-214.	2.3	87
10	Does Hybridization of Intraradicular Dentin Really Improve Fiber Post Retention in Endodontically Treated Teeth?. <i>Journal of Endodontics</i> , 2005, 31, 891-894.	1.4	81
11	<i>Enterococcus faecalis</i> in Disseminating Endodontic Infections. <i>Journal of Dental Research</i> , 2006, 85, 761-765.	2.5	72
12	Changes in centring and shaping ability using three nickelâ€”titanium instrumentation techniques analysed by microâ€”computed tomography (Î¼CT). <i>International Endodontic Journal</i> , 2012, 45, 514-523.	2.3	71
13	External cervical resorption: part 2 â€” management. <i>International Endodontic Journal</i> , 2018, 51, 1224-1238.	2.3	60
14	Diagnostic accuracy of limitedâ€”volume coneâ€”beam computed tomography in the detection of periapical bone loss: 360Â° scans versus 180Â° scans. <i>International Endodontic Journal</i> , 2011, 44, 1118-1127.	2.3	59
15	The detection of periapical pathoses using digital periapical radiography and cone beam computed tomography in endodontically retreated teeth â€” part 2: a 1â€”year postâ€”treatment followâ€”up. <i>International Endodontic Journal</i> , 2016, 49, 623-635.	2.3	55
16	Appearance of the root canal walls after preparation with NiTi rotary instruments: a comparative SEM investigation. <i>Clinical Oral Investigations</i> , 2004, 8, 102-110.	1.4	54
17	Outcome of Root Canal Treatments Using a New Calcium Silicate Root Canal Sealer: A Non-Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 782.	1.0	50
18	The effectiveness of enzymic irrigation in removing a nutrientâ€”stressed endodontic multispecies biofilm. <i>International Endodontic Journal</i> , 2014, 47, 756-768.	2.3	49

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19	External Cervical Resorption: A Comparison of the Diagnostic Efficacy Using 2 Different Cone-beam Computed Tomographic Units and Periapical Radiographs. <i>Journal of Endodontics</i> , 2017, 43, 121-125.	1.4	45
20	Regenerative Endodontic Procedures for the Treatment of Necrotic Mature Teeth with Apical Periodontitis: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Journal of Endodontics</i> , 2021, 47, 873-882.	1.4	35
21	Synchrotron light-based μ CT to analyse the presence of dentinal microcracks post-rotary and reciprocating NiTi instrumentation. <i>Clinical Oral Investigations</i> , 2015, 19, 11-16.	1.4	33
22	Synergistic effect of 2% chlorhexidine combined with proteolytic enzymes on biofilm disruption and killing. <i>International Endodontic Journal</i> , 2015, 48, 1157-1167.	2.3	29
23	The Impact of Different Diagnostic Imaging Modalities on the Evaluation of Root Canal Anatomy and Endodontic Residents' Stress Levels: A Clinical Study. <i>Journal of Endodontics</i> , 2019, 45, 406-413.	1.4	27
24	Self-Limiting versus Conventional Caries Removal: A Randomized Clinical Trial. <i>Journal of Dental Research</i> , 2018, 97, 1207-1213.	2.5	26
25	Pooled analysis of 1-year recall data from three root canal treatment outcome studies undertaken using cone beam computed tomography. <i>International Endodontic Journal</i> , 2018, 51, e216-e226.	2.3	25
26	Effects of Ions-Releasing Restorative Materials on the Dentine Bonding Longevity of Modern Universal Adhesives after Load-Cycle and Prolonged Artificial Saliva Aging. <i>Materials</i> , 2019, 12, 722.	1.3	22
27	Antibacterial and Bonding Properties of Universal Adhesive Dental Polymers Doped with Pyrogallol. <i>Polymers</i> , 2021, 13, 1538.	2.0	18
28	Rapid Bacterial Detection during Endodontic Treatment. <i>Journal of Dental Research</i> , 2017, 96, 626-632.	2.5	17
29	Pulpotomy for treatment of complicated crown fractures in permanent teeth: A systematic review. <i>International Endodontic Journal</i> , 2022, 55, 290-311.	2.3	14
30	Bonding ability of experimental resin-based materials containing (ion-releasing)-microfillers applied on water-wet or ethanol-wet root canal dentine. <i>International Journal of Adhesion and Adhesives</i> , 2014, 54, 214-223.	1.4	13
31	Micro-computed tomography evaluation of microleakage of Class II composite restorations: An in vitro study. <i>European Journal of Dentistry</i> , 2018, 12, 369-374.	0.8	13
32	A technique for placement of apical <sc>MTA</sc> plugs using modified Thermafil carriers for the filling of canals with wide apices. <i>International Endodontic Journal</i> , 2013, 46, 88-97.	2.3	12
33	Antimicrobial Effectiveness of Calcium Silicate Sealers against a Nutrient-Stressed Multispecies Biofilm. <i>Journal of Clinical Medicine</i> , 2020, 9, 2722.	1.0	12
34	Detection of <i>Treponema denticola</i> in root canal systems in primary and secondary endodontic infections. A correlation with clinical symptoms. <i>New Microbiologica</i> , 2008, 31, 67-73.	0.1	12
35	The detection of simulated periapical lesions in human dry mandibles with cone-beam computed tomography: a dose reduction study. <i>International Endodontic Journal</i> , 2016, 49, 1095-1104.	2.3	11
36	Isolation of <i>Propionibacterium acnes</i> among the microbiota of primary endodontic infections with and without intraoral communication. <i>Clinical Oral Investigations</i> , 2016, 20, 2149-2160.	1.4	11

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37	Bacterial Contamination of Endodontic Materials before and after Clinical Storage. <i>Journal of Endodontics</i> , 2017, 43, 1852-1856.	1.4	11
38	Influence of the Geometrical Cross-Section Design on the Dynamic Cyclic Fatigue Resistance of NiTi Endodontic Rotary Files—An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4713.	1.0	11
39	The Influence of NiTi Alloy on the Cyclic Fatigue Resistance of Endodontic Files. <i>Journal of Clinical Medicine</i> , 2020, 9, 3755.	1.0	10
40	Stress distribution in carbon-post applied with different composite core materials: a three-dimensional finite element analysis. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 2435-2444.	1.4	9
41	The Efficacy of Rotary, Reciprocating, and Combined Non-Surgical Endodontic Retreatment Techniques in Removing a Carrier-Based Root Canal Filling Material from Straight Root Canal Systems: A Micro-Computed Tomography Analysis. <i>Journal of Clinical Medicine</i> , 2020, 9, 1989.	1.0	9
42	Graft Materials and Bone Marrow Stromal Cells in Bone Tissue Engineering. <i>Journal of Biomaterials Applications</i> , 2012, 26, 1035-1049.	1.2	8
43	Effects of Polyacrylic Acid Pre-Treatment on Bonded-Dentine Interfaces Created with a Modern Bioactive Resin-Modified Glass Ionomer Cement and Subjected to Cycling Mechanical Stress. <i>Materials</i> , 2018, 11, 1884.	1.3	8
44	Reduction of an in vitro Intraradicular Multispecies Biofilm Using Two Rotary Instrumentation Sequences. <i>European Journal of Dentistry</i> , 2020, 14, 001-007.	0.8	8
45	Comparison of Obturation Removal Efficiency from Straight Root Canals with ProTaper Gold or Reciproc Blue: A Micro-Computed Tomography Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1164.	1.0	8
46	The Effect of Taper and Apical Diameter on the Cyclic Fatigue Resistance of Rotary Endodontic Files Using an Experimental Electronic Device. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 863.	1.3	8
47	The use of Intentional Replantation to Repair an External Cervical Resorptive Lesion not am Enable to Conventional Surgical Repair. <i>Primary Dental Journal</i> , 2016, 5, 78-83.	0.3	7
48	Rapid Chairside Microbial Detection Predicts Endodontic Treatment Outcome. <i>Journal of Clinical Medicine</i> , 2020, 9, 2086.	1.0	7
49	Self-Limiting versus Rotary Subjective Carious Tissue Removal: A Randomized Controlled Clinical Trial—2-Year Results. <i>Journal of Clinical Medicine</i> , 2020, 9, 2738.	1.0	6
50	Schneiderian membrane thickness variation following endodontic procedures: a retrospective cone beam computed tomography study. <i>BMC Oral Health</i> , 2020, 20, 133.	0.8	6
51	Root Canal Filling Quality Comparison of a Premixed Calcium Silicate Endodontic Sealer and Different Carrier-Based Obturation Systems. <i>Journal of Clinical Medicine</i> , 2021, 10, 1271.	1.0	6
52	Measurement of the percentage of root filling in oval-shaped canals obturated with Thermafil Obturators and Beefill 2in1: In vitro study. <i>Journal of Clinical and Experimental Dentistry</i> , 2015, 7, e299-e303.	0.5	5
53	Strategies to reduce the risk of reinfection and cross-contamination in endodontics. <i>Clinical Dentistry Reviewed</i> , 2019, 3, 1.	0.1	5
54	Efficacy of Removing Thermafil and GuttaCore from Straight Root Canal Systems Using a Novel Non-Surgical Root Canal Re-Treatment System: A Micro-Computed Tomography Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1266.	1.0	5

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55	Use of preoperative cone-beam computed tomography to aid in establishment of endodontic working length: A systematic review and meta-analysis. <i>Imaging Science in Dentistry</i> , 2020, 50, 183.	0.6	5
56	Comparative Analysis of Root Canal Dentin Removal Capacity of Two NiTi Endodontic Reciprocating Systems for the Root Canal Treatment of Primary Molar Teeth. An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 338.	1.0	5
57	Comparative Study of the SEM Evaluation, EDX Assessment, Morphometric Analysis, and Cyclic Fatigue Resistance of Three Novel Brands of NiTi Alloy Endodontic Files. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4414.	1.2	5
58	Effect of Rotational Speed on the Resistance of NiTi Alloy Endodontic Rotary Files to Cyclic Fatigue—An In Vitro Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 3143.	1.0	5
59	Print and Try Technique: 3D-Printing of Teeth with Complex Anatomy a Novel Endodontic Approach. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1511.	1.3	4
60	Sonic Activation Improves Bioceramic Sealer™s Penetration into the Tubular Dentin of Curved Root Canals: A Confocal Laser Scanning Microscopy Investigation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3902.	1.3	4
61	A Novel Digital Technique to Analyze the Wear of CM-Wire NiTi Alloy Endodontic Reciprocating Files: An In Vitro Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3203.	1.2	4
62	Porosity, Micro-Hardness and Morphology of White and Gray Portland Cements in Relation to Their Potential in the Development of New Dental Filling Materials. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 19-26.	1.4	3
63	In Vitro and In Vivo Osteoinductive and Osteoconductive Properties of a Synthetic Bone Substitute. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e432-e439.	0.6	3
64	Two cases of primary vitreoretinal lymphoma: a diagnostic challenge. <i>International Ophthalmology</i> , 2016, 38, 353-361.	0.6	3
65	Amoebae in Chronic, Polymicrobial Endodontic Infections Are Associated with Altered Microbial Communities of Increased Virulence. <i>Journal of Clinical Medicine</i> , 2020, 9, 3700.	1.0	3
66	Evaluation of the time required to perform three retreatment techniques with dental microscope and ultrasonic activation for removing filling material from the oval root canal. <i>Journal of Clinical and Experimental Dentistry</i> , 2018, 10, 0-0.	0.5	2
67	Comparative Analysis of the Smear Layer Removal Capability between EndoVac and Endoactivator Endodontic Irrigation Systems at the Root Canal System and Isthmus: A Micro-Computed Tomography Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7033.	1.3	2
68	A comparison of the marginal adaptation of composite overlays fabricated with silicone and an intraoral scanner. <i>Journal of Clinical and Experimental Dentistry</i> , 2021, 13, e473-e478.	0.5	2
69	Comparative Analysis of Ease of Removal of Fractured NiTi Endodontic Rotary Files from the Root Canal System—An In Vitro Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 718.	1.2	2
70	Strategies to Reduce the Risk of Reinfection in Endodontics. , 2018, , 177-201.		1