

# Markus Haapasalo

## List of Publications by Year in descending order

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143  
papers

9,518  
citations

30070

54  
h-index

40979

93  
g-index

144  
all docs

144  
docs citations

144  
times ranked

5353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disinfection by endodontic irrigants and dressings of experimentally infected dentinal tubules. <i>Dental Traumatology</i> , 1990, 6, 142-149.	2.0	563
2	Irrigation in Endodontics. <i>Dental Clinics of North America</i> , 2010, 54, 291-312.	1.8	423
3	Current Challenges and Concepts of the Thermomechanical Treatment of Nickel-Titanium Instruments. <i>Journal of Endodontics</i> , 2013, 39, 163-172.	3.1	380
4	Eradication of endodontic infection by instrumentation and irrigation solutions. <i>Endodontic Topics</i> , 2005, 10, 77-102.	0.5	359
5	Physical Properties of 5 Root Canal Sealers. <i>Journal of Endodontics</i> , 2013, 39, 1281-1286.	3.1	298
6	Antibacterial Activity of Endodontic Sealers by Modified Direct Contact Test Against <i>Enterococcus faecalis</i> . <i>Journal of Endodontics</i> , 2009, 35, 1051-1055.	3.1	290
7	Clinical Efficacy of Treatment Procedures in Endodontic Infection Control and One Year Follow-Up of Periapical Healing. <i>Journal of Endodontics</i> , 2005, 31, 863-866.	3.1	226
8	Tissue Dissolution by Sodium Hypochlorite: Effect of Concentration, Temperature, Agitation, and Surfactant. <i>Journal of Endodontics</i> , 2010, 36, 1558-1562.	3.1	217
9	Antimicrobial Efficacy of Chlorhexidine against Bacteria in Biofilms at Different Stages of Development. <i>Journal of Endodontics</i> , 2011, 37, 657-661.	3.1	206
10	A New Noninvasive Model to Study the Effectiveness of Dentin Disinfection by Using Confocal Laser Scanning Microscopy. <i>Journal of Endodontics</i> , 2011, 37, 1380-1385.	3.1	202
11	Phase Transformation Behavior and Resistance to Bending and Cyclic Fatigue of ProTaper Gold and ProTaper Universal Instruments. <i>Journal of Endodontics</i> , 2015, 41, 1134-1138.	3.1	189
12	Effects of Dentin on the Antimicrobial Properties of Endodontic Medicaments. <i>Journal of Endodontics</i> , 2007, 33, 917-925.	3.1	185
13	Effectiveness of Endodontic Disinfecting Solutions against Young and Old <i>Enterococcus faecalis</i> Biofilms in Dentin Canals. <i>Journal of Endodontics</i> , 2012, 38, 1376-1379.	3.1	166
14	Biocompatibility of Two Novel Root Repair Materials. <i>Journal of Endodontics</i> , 2011, 37, 793-798.	3.1	156
15	Fatigue Testing of Controlled Memory Wire Nickel-Titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2011, 37, 997-1001.	3.1	149
16	In Vitro Cytotoxicity Evaluation of a Novel Root Repair Material. <i>Journal of Endodontics</i> , 2013, 39, 478-483.	3.1	149
17	Metallurgical Characterization of Controlled Memory Wire Nickel-Titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2011, 37, 1566-1571.	3.1	144
18	Dental materials with antibiofilm properties. <i>Dental Materials</i> , 2014, 30, e1-e16.	3.5	142

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19	Penetration of Sodium Hypochlorite into Dentin. <i>Journal of Endodontics</i> , 2010, 36, 793-796.	3.1	139
20	Effect of the Source of Biofilm Bacteria, Level of Biofilm Maturation, and Type of Disinfecting Agent on the Susceptibility of Biofilm Bacteria to Antibacterial Agents. <i>Journal of Endodontics</i> , 2013, 39, 473-477.	3.1	135
21	Dentin Enhances the Antibacterial Effect of Mineral Trioxide Aggregate and Bioaggregate. <i>Journal of Endodontics</i> , 2009, 35, 221-224.	3.1	125
22	Root Canal Preparation of Mandibular Molars with 3 Nickel-Titanium Rotary Instruments: A Micro-Computed Tomographic Study. <i>Journal of Endodontics</i> , 2014, 40, 1860-1864.	3.1	125
23	In Vitro Cytotoxicity of Calcium Silicate-containing Endodontic Sealers. <i>Journal of Endodontics</i> , 2015, 41, 56-61.	3.1	123
24	Quantitative Analysis of the Effect of Irrigant Solution Sequences on Dentin Erosion. <i>Journal of Endodontics</i> , 2011, 37, 1437-1441.	3.1	119
25	Evaluation of the Effect of Two Chlorhexidine Preparations on Biofilm Bacteria In Vitro: A Three-Dimensional Quantitative Analysis. <i>Journal of Endodontics</i> , 2009, 35, 981-985.	3.1	114
26	Bacterial Viability in Starved and Revitalized Biofilms: Comparison of Viability Staining and Direct Culture. <i>Journal of Endodontics</i> , 2010, 36, 1820-1823.	3.1	105
27	A High-resolution Computed Tomographic Study of Changes in Root Canal Isthmus Area by Instrumentation and Root Filling. <i>Journal of Endodontics</i> , 2011, 37, 223-227.	3.1	105
28	Evolution of nickel-titanium instruments: from past to future. <i>Endodontic Topics</i> , 2013, 29, 3-17.	0.5	98
29	Development and Validation of a Three-dimensional Computational Fluid Dynamics Model of Root Canal Irrigation. <i>Journal of Endodontics</i> , 2009, 35, 1282-1287.	3.1	96
30	Mechanical Properties of Controlled Memory and Superelastic Nickel-Titanium Wires Used in the Manufacture of Rotary Endodontic Instruments. <i>Journal of Endodontics</i> , 2012, 38, 1535-1540.	3.1	96
31	In Vitro Efficacy of XP-endo Finisher with 2 Different Protocols on Biofilm Removal from Apical Root Canals. <i>Journal of Endodontics</i> , 2017, 43, 321-325.	3.1	96
32	Killing of <i>Enterococcus faecalis</i> by MTAD and Chlorhexidine Digluconate with or without Cetrimide in the Presence or Absence of Dentine Powder or BSA. <i>Journal of Endodontics</i> , 2006, 32, 138-141.	3.1	94
33	The Effect of Detergents on the Antibacterial Activity of Disinfecting Solutions in Dentin. <i>Journal of Endodontics</i> , 2012, 38, 948-953.	3.1	94
34	Tissue Dissolution by a Novel Multisonic Ultracleaning System and Sodium Hypochlorite. <i>Journal of Endodontics</i> , 2014, 40, 1178-1181.	3.1	92
35	Dentin Extends the Antibacterial Effect of Endodontic Sealers against <i>Enterococcus faecalis</i> Biofilms. <i>Journal of Endodontics</i> , 2014, 40, 505-508.	3.1	89
36	Three-dimensional Numeric Simulation of Root Canal Irrigant Flow with Different Irrigation Needles. <i>Journal of Endodontics</i> , 2010, 36, 884-889.	3.1	88

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37	Efficacy of ProTaper Universal Rotary Retreatment System for Gutta-percha Removal from Oval Root Canals: A Micro-Computed Tomography Study. <i>Journal of Endodontics</i> , 2012, 38, 1516-1520.	3.1	88
38	Micro-Computed Tomography Evaluation of the Preparation of Mesio Buccal Root Canals in Maxillary First Molars with Hyflex CM, Twisted Files, and K3 Instruments. <i>Journal of Endodontics</i> , 2013, 39, 385-388.	3.1	88
39	The Synergistic Antimicrobial Effect by Mechanical Agitation and Two Chlorhexidine Preparations on Biofilm Bacteria. <i>Journal of Endodontics</i> , 2010, 36, 100-104.	3.1	85
40	Effect of Environment on Fatigue Failure of Controlled Memory Wire Nickel-Titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2012, 38, 376-380.	3.1	84
41	Effect of Long-term Exposure to Endodontic Disinfecting Solutions on Young and Old <i>Enterococcus faecalis</i> Biofilms in Dentin Canals. <i>Journal of Endodontics</i> , 2014, 40, 509-514.	3.1	84
42	Characteristics of Endodontic Emergencies during Coronavirus Disease 2019 Outbreak in Wuhan. <i>Journal of Endodontics</i> , 2020, 46, 730-735.	3.1	80
43	Dentine remineralization induced by two bioactive glasses developed for air abrasion purposes. <i>Journal of Dentistry</i> , 2011, 39, 746-756.	4.1	78
44	Update on endodontic irrigating solutions. <i>Endodontic Topics</i> , 2012, 27, 74-102.	0.5	78
45	Defects in Nickel-Titanium Instruments after Clinical Use. Part 2: Fractographic Analysis of Fractured Surface in a Cohort Study. <i>Journal of Endodontics</i> , 2009, 35, 133-136.	3.1	75
46	Effect of Smear Layer against Disinfection Protocols on <i>Enterococcus faecalis</i> -infected Dentin. <i>Journal of Endodontics</i> , 2013, 39, 1395-1400.	3.1	71
47	Apical Pressure and Extent of Irrigant Flow beyond the Needle Tip during Positive-pressure Irrigation in an In Vitro Root Canal Model. <i>Journal of Endodontics</i> , 2013, 39, 511-515.	3.1	68
48	Physical properties and hydration behavior of a fast-setting bioceramic endodontic material. <i>BMC Oral Health</i> , 2016, 16, 23.	2.3	68
49	Defects in Nickel-Titanium Instruments after Clinical Use. Part 1: Relationship between Observed Imperfections and Factors Leading to Such Defects in a Cohort Study. <i>Journal of Endodontics</i> , 2009, 35, 129-132.	3.1	67
50	Treatment of Oral Multispecies Biofilms by an Anti-Biofilm Peptide. <i>PLoS ONE</i> , 2015, 10, e0132512.	2.5	65
51	A Comparative Study of Biofilm Removal with Hand, Rotary Nickel-Titanium, and Self-Adjusting File Instrumentation Using a Novel In Vitro Biofilm Model. <i>Journal of Endodontics</i> , 2013, 39, 658-663.	3.1	62
52	Biofilm models and methods of biofilm assessment. <i>Endodontic Topics</i> , 2010, 22, 58-78.	0.5	58
53	Cytotoxicity and the Effect of Temperature on Physical Properties and Chemical Composition of a New Calcium Silicate-based Root Canal Sealer. <i>Journal of Endodontics</i> , 2020, 46, 531-538.	3.1	58
54	Rationale and efficacy of root canal medicaments and root filling materials with emphasis on treatment outcome. <i>Endodontic Topics</i> , 2002, 2, 35-58.	0.5	57

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55	Cyclic Fatigue of ProFile Vortex and Vortex Blue Nickel-Titanium Files in Single and Double Curvatures. <i>Journal of Endodontics</i> , 2015, 41, 1686-1690.	3.1	55
56	Phase Transformation Behavior and Mechanical Properties of Thermomechanically Treated K3XF Nickel-Titanium Instruments. <i>Journal of Endodontics</i> , 2013, 39, 919-923.	3.1	54
57	In Vitro Study of Calcium Hydroxide Removal from Mandibular Molar Root Canals. <i>Journal of Endodontics</i> , 2015, 41, 553-558.	3.1	53
58	Antibacterial Coatings on Titanium Surfaces: A Comparison Study Between <i>in Vitro</i> Single-Species and Multispecies Biofilm. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5992-6001.	8.0	53
59	Facultative Gram-Negative Enteric Rods in Persistent Periapical Infections. <i>Acta Odontologica Scandinavica</i> , 1983, 41, 19-22.	1.6	51
60	Experimental and Theoretical Investigation of Multispecies Oral Biofilm Resistance to Chlorhexidine Treatment. <i>Scientific Reports</i> , 2016, 6, 27537.	3.3	51
61	Defects in Nickel-Titanium Instruments after Clinical Use. Part 3: A 4-Year Retrospective Study from an Undergraduate Clinic. <i>Journal of Endodontics</i> , 2009, 35, 193-196.	3.1	50
62	Anti-Biofilm and Immunomodulatory Activities of Peptides That Inhibit Biofilms Formed by Pathogens Isolated from Cystic Fibrosis Patients. <i>Antibiotics</i> , 2014, 3, 509-526.	3.7	49
63	Combined Antibacterial Effect of Sodium Hypochlorite and Root Canal Sealers against <i>Enterococcus faecalis</i> Biofilms in Dentin Canals. <i>Journal of Endodontics</i> , 2015, 41, 1294-1298.	3.1	42
64	ProFile Vortex and Vortex Blue Nickel-Titanium Rotary Instruments after Clinical Use. <i>Journal of Endodontics</i> , 2015, 41, 937-942.	3.1	42
65	Evaluation of Root Canal Dentin Erosion after Different Irrigation Methods Using Energy-dispersive X-ray Spectroscopy. <i>Journal of Endodontics</i> , 2016, 42, 1834-1839.	3.1	42
66	Low Environmental Temperature Influences the Fatigue Resistance of Nickel-titanium Files. <i>Journal of Endodontics</i> , 2018, 44, 626-629.	3.1	42
67	Imbalance of Interleukin-17+ T-cell and Foxp3+ Regulatory T-cell Dynamics in Rat Periapical Lesions. <i>Journal of Endodontics</i> , 2014, 40, 56-62.	3.1	41
68	Fatigue Resistance of Nickel-titanium Instruments Exposed to High-concentration Hypochlorite. <i>Journal of Endodontics</i> , 2017, 43, 1847-1851.	3.1	41
69	Antibiofilm peptides against oral biofilms. <i>Journal of Oral Microbiology</i> , 2017, 9, 1327308.	2.7	39
70	Antibiofilm peptides against biofilms on titanium and hydroxyapatite surfaces. <i>Bioactive Materials</i> , 2018, 3, 418-425.	15.6	38
71	Treatment of Oral Biofilms by a D-Enantiomeric Peptide. <i>PLoS ONE</i> , 2016, 11, e0166997.	2.5	37
72	A 3D numerical study of antimicrobial persistence in heterogeneous multi-species biofilms. <i>Journal of Theoretical Biology</i> , 2016, 392, 83-98.	1.7	36

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73	Effect of Fatigue on Torsional Failure of Nickel-Titanium Controlled Memory Instruments. Journal of Endodontics, 2014, 40, 562-565.	3.1	35
74	Evaluation of the Susceptibility of Multispecies Biofilms in Dentinal Tubules to Disinfecting Solutions. Journal of Endodontics, 2016, 42, 1246-1250.	3.1	35
75	WaveOne Rotary Instruments after Clinical Use. Journal of Endodontics, 2016, 42, 186-189.	3.1	35
76	ProFile Vortex Instruments after Clinical Use: A Metallurgical Properties Study. Journal of Endodontics, 2012, 38, 1613-1617.	3.1	32
77	Clinical use of bioceramic materials. Endodontic Topics, 2015, 32, 97-117.	0.5	31
78	Evaluation of the Effect of Needle Position on Irrigant Flow in the C-shaped Root Canal Using a Computational Fluid Dynamics Model. Journal of Endodontics, 2015, 41, 931-936.	3.1	31
79	Apical pressure created during irrigation with the GentleWave <sup>®</sup> system compared to conventional syringe irrigation. Clinical Oral Investigations, 2016, 20, 1525-1534.	3.0	31
80	Chemotherapeutic decontamination of dental implants colonized by mature multispecies oral biofilm. Journal of Clinical Periodontology, 2017, 44, 403-409.	4.9	30
81	External Cervical Resorption: A Retrospective Case-Control Study. Journal of Endodontics, 2020, 46, 1420-1427.	3.1	30
82	Root Canal Wall Dentin Structure in Uninstrumented but Cleaned Human Premolars: A Scanning Electron Microscopic Study. Journal of Endodontics, 2018, 44, 842-848.	3.1	29
83	Fatigue Resistance of a 3-dimensional Conforming Nickel-Titanium Rotary Instrument in Double Curvatures. Journal of Endodontics, 2016, 42, 961-964.	3.1	24
84	Evaluation of Two Trephine Techniques for Removal of Fractured Rotary Nickel-titanium Instruments from Root Canals. Journal of Endodontics, 2017, 43, 116-120.	3.1	24
85	Influence of Endodontic Procedure on the Adherence of Enterococcus faecalis. Journal of Endodontics, 2019, 45, 943-949.	3.1	24
86	Antibiofilm Effect of D-enantiomeric Peptide Alone and Combined with EDTA In Vitro. Journal of Endodontics, 2017, 43, 1862-1867.	3.1	22
87	Irrigation: beyond the smear layer. Endodontic Topics, 2012, 27, 35-53.	0.5	21
88	Effect of Torsional and Fatigue Preloading on HyFlex EDM Files. Journal of Endodontics, 2018, 44, 643-647.	3.1	21
89	In vitro evaluation by quantitative real-time PCR and culturing of the effectiveness of disinfection of multispecies biofilms in root canals by two irrigation systems. Clinical Oral Investigations, 2019, 23, 913-920.	3.0	21
90	Quality of Root Filling after Obturation with Gutta-percha and 3 Different Sealers of Minimally Instrumented Root canals of the Maxillary First Molar. Journal of Endodontics, 2019, 45, 1030-1035.	3.1	21

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91	Suppression of $\alpha$ 26 Integrin Expression by Polymicrobial Oral Biofilms in Gingival Epithelial Cells. <i>Scientific Reports</i> , 2017, 7, 4411.	3.3	20
92	Antimicrobial Effect of Peptide DJK-5 Used Alone or Mixed with EDTA on Mono- and Multispecies Biofilms in Dentin Canals. <i>Journal of Endodontics</i> , 2018, 44, 1709-1713.	3.1	20
93	The ability of different irrigation methods to remove mixtures of calcium hydroxide and barium sulphate from isthmuses in 3D printed transparent root canal models. <i>Odontology / the Society of the Nippon Dental University</i> , 2022, 110, 27-34.	1.9	20
94	Doxycycline release and antibacterial activity from PMMA/PEO electrospun fiber mats. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180663.	1.8	20
95	Polycarboxylated microfillers incorporated into light-curable resin-based dental adhesives evoke remineralization at the mineral-depleted dentin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 679-697.	3.5	19
96	What do different tests tell about the mechanical and biological properties of bioceramic materials?. <i>Endodontic Topics</i> , 2015, 32, 47-85.	0.5	19
97	A novel hydroxyapatite-binding antimicrobial peptide against oral biofilms. <i>Clinical Oral Investigations</i> , 2019, 23, 2705-2712.	3.0	19
98	Antimicrobial effects of agitational irrigation on single- and multispecies biofilms in dentin canals. <i>Odontology / the Society of the Nippon Dental University</i> , 2023, 111, 49-56.	1.9	16
99	Effect of a Combination of Torsional and Cyclic Fatigue Preloading on the Fracture Behavior of K3 and K3XF Instruments. <i>Journal of Endodontics</i> , 2015, 41, 526-530.	3.1	15
100	Torque Generation of the Endodontic Instruments: A Narrative Review. <i>Materials</i> , 2022, 15, 664.	2.9	15
101	A Micro-Computed Tomographic Assessment of the Influence of Operator's Experience on the Quality of WaveOne Instrumentation. <i>Journal of Endodontics</i> , 2016, 42, 1258-1262.	3.1	14
102	Effect of Long-term Exposure to Peptides on Mono- and Multispecies Biofilms in Dentinal Tubules. <i>Journal of Endodontics</i> , 2019, 45, 1522-1528.	3.1	14
103	Dynamics of Dissolution, Killing, and Inhibition of Dental Plaque Biofilm. <i>Frontiers in Microbiology</i> , 2020, 11, 964.	3.5	14
104	Effect of iRoot Fast Set root repair material on the proliferation, migration and differentiation of human dental pulp stem cells in vitro. <i>PLoS ONE</i> , 2017, 12, e0186848.	2.5	14
105	Efficacy of XP-endo instruments in removing 54 month-aged root canal filling material from mandibular molars. <i>Journal of Dentistry</i> , 2021, 112, 103734.	4.1	13
106	Antibiofilm and immunomodulatory resorbable nanofibrous filing for dental pulp regenerative procedures. <i>Bioactive Materials</i> , 2022, 16, 173-186.	15.6	13
107	Biocompatibility of a New Calcium Silicate-Based Root Canal Sealer Mediated via the Modulation of Macrophage Polarization in a Rat Model. <i>Materials</i> , 2022, 15, 1962.	2.9	13
108	Remaining root dentin thickness in mesiobuccal canals of maxillary first molars after attempted removal of broken instrument fragments. <i>Australian Endodontic Journal</i> , 2015, 41, 122-127.	1.5	12

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109	Level of evidence in endodontics: what does it mean?. Endodontic Topics, 2016, 34, 30-41.	0.5	12
110	Evaluation of Quality and Preparation Time of Retrograde Cavities in Root Canals Filled with GuttaCore and Cold Lateral Condensation Technique. Journal of Endodontics, 2018, 44, 639-642.	3.1	12
111	Epidermal growth factor receptor signaling suppresses $\alpha_2\beta_1$ integrin and promotes periodontal inflammation and bone loss. Journal of Cell Science, 2020, 133, .	2.0	12
112	Decontamination of rough implant surfaces colonized by multispecies oral biofilm by application of leukocyte- and platelet-rich fibrin. Journal of Periodontology, 2021, 92, 875-885.	3.4	12
113	Micro-computed Tomographic Evaluation of the Quality of Root Canal Fillings in Mandibular Molars after Obturation for 54 Months. Journal of Endodontics, 2021, 47, 1783-1789.	3.1	12
114	External cervical resorption – Treatment outcomes and determinants: A retrospective cohort study with up to 10 years of follow-up. International Endodontic Journal, 2022, 55, 441-452.	5.0	12
115	Removal of calcifications from distal canals of mandibular molars by a non-instrumentational cleaning system: A micro-CT study. Australian Endodontic Journal, 2020, 46, 11-16.	1.5	11
116	Resumption of Endodontic Practices in COVID-19 Hardest-Hit Area of China: A Web-based Survey. Journal of Endodontics, 2020, 46, 1577-1583.e2.	3.1	11
117	Long-term porosity and retreatability of oval-shaped canals obturated using two different methods with a novel tricalcium silicate sealer. Clinical Oral Investigations, 2022, 26, 1045-1052.	3.0	11
118	Biomaterial scaffolds for clinical procedures in endodontic regeneration. Bioactive Materials, 2022, 12, 257-277.	15.6	11
119	Antimicrobial and Antibiofilm Properties of Bioceramic Materials in Endodontics. Materials, 2021, 14, 7594.	2.9	11
120	Effects of Root Canal Curvature and Mechanical Properties of Nickel-Titanium Files on Torque Generation. Journal of Endodontics, 2021, 47, 1501-1506.	3.1	10
121	Fatigue resistance of ProTaper gold exposed to high-concentration sodium hypochlorite in double curvature artificial canal. Bioactive Materials, 2019, 4, 245-248.	15.6	9
122	Modeling Oral Multispecies Biofilm Recovery After Antibacterial Treatment. Scientific Reports, 2019, 9, 804.	3.3	9
123	Effect of Curvature Location on Fatigue Resistance of Five Nickel-titanium Files Determined at Body Temperature. Journal of Endodontics, 2020, 46, 1682-1688.	3.1	8
124	Effect of canal curvature location on the cyclic fatigue resistance of reciprocating files. Clinical Oral Investigations, 2021, 25, 169-177.	3.0	8
125	Recovery of Oral In Vitro Biofilms after Exposure to Peptides and Chlorhexidine. Journal of Endodontics, 2021, 47, 466-471.	3.1	7
126	Root dentine thickness in C-shaped lower second molars after instrumentation: A CBCT and micro-CT study. Australian Endodontic Journal, 2021, 47, 122-129.	1.5	7



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127	Heat Treatment and Surface Treatment of Nickel-Titanium Endodontic Instruments. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	1.4	7
128	Characterisation of deformed or separated nickel-titanium retreatment instruments after clinical use - A multicentre experience. <i>Journal of Dentistry</i> , 2022, 117, 103939.	4.1	5
129	Bifunctional bioceramics stimulating osteogenic differentiation of a gingival fibroblast and inhibiting plaque biofilm formation. <i>Biomaterials Science</i> , 2016, 4, 639-651.	5.4	4
130	Palatogingival grooves associated with periodontal bone Loss of maxillary incisors in a Chinese population. <i>Australian Endodontic Journal</i> , 2022, 48, 313-321.	1.5	4
131	Intraoperative application of chlorhexidine gel reduces bacterial counts in internal implant cavity. <i>European Journal of Oral Sciences</i> , 2015, 123, 425-431.	1.5	3
132	Geometric Analysis of the Distolingual Root and Canal in Mandibular First Molars: A Micro-computed Tomographic Study. <i>Journal of Endodontics</i> , 2021, 47, 779-786.	3.1	3
133	Effect of apical size on apical pressure during syringe-needle and multisonic negative pressure irrigation. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 625-631.	1.9	3
134	Antibiofilm Activity of Five Different Endodontic Filling Materials Used in Primary Teeth Using Confocal Laser Scanning Microscopy. <i>Pediatric Dentistry (discontinued)</i> , 2017, 39, 145-149.	0.4	3
135	Comparison of the effects from coronal pre-flaring and glide-path preparation on torque generation during root canal shaping procedure. <i>Australian Endodontic Journal</i> , 2022, 48, 131-137.	1.5	2
136	Research on Irrigation: Methods and Models. , 2015, , 65-97.		1
137	Can I use chlorhexidine as the only irrigating solution in my endodontic treatments?. <i>Journal of the Canadian Dental Association</i> , 2011, 77, b16.	0.6	1
138	MARKUS HAAPASALO, DDS, DR ODONT, FRCDC, Professor and Chair, Division of Endodontics, Head, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. <i>Endodontic Topics</i> , 2010, 23, 164-164.	0.5	0
139	Markus Haapasalo, DDS, DR ODONT (PHD), FRCDC (ENDODONTICS), Professor and Chair, Division of Endodontics, Head, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. <i>Endodontic Topics</i> , 2013, 29, 162-162.	0.5	0
140	Markus Haapasalo, DDS, DR ODONT (PHD), FRCDC (ENDODONTICS), Professor and Chair, Division of Endodontics, Head, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, The University of British Columbia, Vancouver, Canada. <i>Endodontic Topics</i> , 2014, 30, 102-102.	0.5	0
141	Markus Haapasalo, DDS, DR ODONT (PHD), FRCDC (ENDODONTICS), Professor and Chair, Division of Endodontics, Head, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. <i>Endodontic Topics</i> , 2014, 31, 88-88.	0.5	0
142	MARKUS HAAPASALO, DDS, DR ODONT, FRCDC, Professor and Chair, Division of Endodontics, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. <i>Endodontic Topics</i> , 2016, 34, 91-91.	0.5	0
143	Can I use chlorhexidine as the only irrigating solution in my endodontic treatments?. <i>Texas Dental Journal</i> , 2011, 128, 357-9.	0.0	0