

A Damien Walmsley

List of Publications by Year in descending order

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258
papers

6,229
citations

76196

40
h-index

114278

63
g-index

270
all docs

270
docs citations

270
times ranked

4105
citing authors

#	ARTICLE	IF	CITATIONS
1	Profile and competences for the graduating European dentist “ update 2009. European Journal of Dental Education, 2010, 14, 193-202.	1.0	289
2	Profile and competences for the European dentist. European Journal of Dental Education, 2005, 9, 98-107.	1.0	173
3	Powered versus manual toothbrushing for oral health. The Cochrane Library, 2014, 2014, CD002281.	1.5	167
4	The Graduating European Dentist: A New Undergraduate Curriculum Framework. European Journal of Dental Education, 2017, 21, 2-10.	1.0	128
5	Evaluation of smear layer removal by EDTAC and sodium hypochlorite with ultrasonic agitation. International Endodontic Journal, 2002, 35, 418-421.	2.3	127
6	Magnets in prosthetic dentistry. Journal of Prosthetic Dentistry, 2001, 86, 137-142.	1.1	121
7	Manual versus powered toothbrushing for oral health. , 2005, , CD002281.		104
8	Ultrasonic dental scaler: associated hazards. Journal of Clinical Periodontology, 2003, 30, 95-101.	2.3	93
9	Advances in power driven pocket/root instrumentation. Journal of Clinical Periodontology, 2008, 35, 22-28.	2.3	92
10	Potential of information technology in dental education. European Journal of Dental Education, 2008, 12, 85-92.	1.0	89
11	Effects of constraint on the oscillatory pattern of endosonic files. Journal of Endodontics, 1989, 15, 189-194.	1.4	88
12	The effectiveness of manual versus powered toothbrushes for dental health: a systematic review. Journal of Dentistry, 2004, 32, 197-211.	1.7	86
13	Ultrasound and root canal treatment: the need for scientific evaluation. International Endodontic Journal, 1987, 20, 105-111.	2.3	85
14	Dental plaque removal by cavitation activity during ultrasonic scaling. Journal of Clinical Periodontology, 1988, 15, 539-543.	2.3	82
15	Manual versus powered toothbrushing for oral health. , 2003, , CD002281.		82
16	Cuspal deflection and microleakage in premolar teeth restored with resin-based composites with and without an intermediary flowable layer. Journal of Dentistry, 2007, 35, 482-489.	1.7	82
17	Reciprocating Root Canal Technique Induces Greater Debris Accumulation Than a Continuous Rotary Technique as Assessed by 3-Dimensional Micro-Computed Tomography. Journal of Endodontics, 2013, 39, 1067-1070.	1.4	82
18	Effects of cavitation activity on the root surface of teeth during ultrasonic scaling. Journal of Clinical Periodontology, 1990, 17, 306-312.	2.3	74

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19	A Model System to Demonstrate the Role of Cavitation Activity in Ultrasonic Scaling. <i>Journal of Dental Research</i> , 1984, 63, 1162-1165.	2.5	70
20	Role of Piezo Channels in Ultrasound-stimulated Dental Stem Cells. <i>Journal of Endodontics</i> , 2017, 43, 1130-1136.	1.4	69
21	Ultrasound in dentistry. Part 1 "biophysical interactions. <i>Journal of Dentistry</i> , 1991, 19, 14-17.	1.7	66
22	Cleaning of oval canals using ultrasonic or sonic instrumentation. <i>Journal of Endodontics</i> , 1993, 19, 453-457.	1.4	65
23	The attitudes of undergraduate students and staff to the use of electronic learning. <i>British Dental Journal</i> , 2004, 196, 487-492.	0.3	63
24	A quantitative method to measure biofilm removal efficiency from complex biomaterial surfaces using SEM and image analysis. <i>Scientific Reports</i> , 2016, 6, 32694.	1.6	62
25	The neutral zone impression revisited. <i>British Dental Journal</i> , 2005, 198, 269-272.	0.3	60
26	The use of the Internet within a dental school. <i>European Journal of Dental Education</i> , 2003, 7, 27-33.	1.0	59
27	Cavitation occurrence around ultrasonic dental scalers. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 692-697.	3.8	59
28	Ultrasound in dentistry. Part 2 "periodontology and endodontics. <i>Journal of Dentistry</i> , 1992, 20, 11-17.	1.7	58
29	Measurement and visualization of file "wall contact during ultrasonically activated irrigation in simulated canals. <i>International Endodontic Journal</i> , 2013, 46, 1046-1055.	2.3	58
30	Different powered toothbrushes for plaque control and gingival health. <i>The Cochrane Library</i> , 2020, 2020, CD004971.	1.5	54
31	Effect of plastic "covered ultrasonic scalers on titanium implant surfaces. <i>Clinical Oral Implants Research</i> , 2012, 23, 76-82.	1.9	53
32	Displacement amplitude as a measure of the acoustic output of ultrasonic scalers. <i>Dental Materials</i> , 1986, 2, 97-100.	1.6	52
33	Investigations into the use of an ultrasonic chisel to cut bone. Part 2: cutting ability. <i>Journal of Dentistry</i> , 2000, 28, 39-44.	1.7	52
34	VEGF and odontoblast-like cells: Stimulation by low frequency ultrasound. <i>Archives of Oral Biology</i> , 2009, 54, 185-191.	0.8	52
35	Which Parameters Affect Biofilm Removal with Acoustic Cavitation? A Review. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1044-1055.	0.7	52
36	Investigations into the use of an ultrasonic chisel to cut bone. Part 1: forces applied by clinicians. <i>Journal of Dentistry</i> , 2000, 28, 31-37.	1.7	51

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37	Incidence of root face alteration after ultrasonic retrograde cavity preparation. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1997, 83, 387-392.	1.6	50
38	Automated quantification of dental plaque accumulation using digital imaging. <i>Journal of Dentistry</i> , 2004, 32, 623-628.	1.7	49
39	Bob Nairn. <i>Journal of Dentistry</i> , 2009, 37, 2.	1.7	49
40	Streaming patterns produced around endosonic files. <i>International Endodontic Journal</i> , 1991, 24, 290-297.	2.3	44
41	Ultrasonic Scaler Oscillations and Tooth-surface Defects. <i>Journal of Dental Research</i> , 2009, 88, 229-234.	2.5	44
42	Vibration characteristics of ultrasonic scalers assessed with scanning laser vibrometry. <i>Journal of Dentistry</i> , 2002, 30, 147-151.	1.7	43
43	An implementation strategy for introducing an OSCE into a dental school. <i>European Journal of Dental Education</i> , 2005, 9, 143-149.	1.0	43
44	Ultrasound Stimulation of Different Dental Stem Cell Populations: Role of Mitogen-activated Protein Kinase Signaling. <i>Journal of Endodontics</i> , 2016, 42, 425-431.	1.4	42
45	Low intensity ultrasound as a probe to elucidate the relative follicular contribution to total transdermal absorption. <i>Pharmaceutical Research</i> , 1998, 15, 85-92.	1.7	41
46	Magnets in medicine. <i>Materials Science and Technology</i> , 2002, 18, 1-12.	0.8	41
47	Numerical investigation of bubble dynamics at a corner. <i>Physics of Fluids</i> , 2020, 32, .	1.6	41
48	Displacement amplitude of ultrasonic scaler inserts. <i>Journal of Clinical Periodontology</i> , 2003, 30, 505-510.	2.3	40
49	The effect of wear on ultrasonic scaler tip displacement amplitude. <i>Journal of Clinical Periodontology</i> , 2006, 33, 37-41.	2.3	40
50	Phonophoresis it a reality?. <i>International Journal of Pharmaceutics</i> , 1995, 118, 129-149.	2.6	39
51	Effect of Instrument Power Setting During Ultrasonic Scaling Upon Treatment Outcome. <i>Journal of Periodontology</i> , 1995, 66, 756-760.	1.7	39
52	Biofilm viability checker: An open-source tool for automated biofilm viability analysis from confocal microscopy images. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 44.	2.9	39
53	The Graduating European Dentist: Contemporaneous Methods of Teaching, Learning and Assessment in Dental Undergraduate Education. <i>European Journal of Dental Education</i> , 2017, 21, 28-35.	1.0	38
54	The electric toothbrush: a review. <i>British Dental Journal</i> , 1997, 182, 209-218.	0.3	38

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55	Simulation training for ceramic crown preparation in the dental setting using a virtual educational system. <i>European Journal of Dental Education</i> , 2020, 24, 199-206.	1.0	37
56	Applications of ultrasound in dentistry. <i>Ultrasound in Medicine and Biology</i> , 1988, 14, 7-14.	0.7	36
57	Acoustic Microstreaming: Detection and Measurement Around Ultrasonic Scalers. <i>Journal of Periodontology</i> , 1999, 70, 626-636.	1.7	36
58	An analytical Micro CT methodology for quantifying inorganic dentine debris following internal tooth preparation. <i>Journal of Dentistry</i> , 2012, 40, 999-1005.	1.7	36
59	Effect of Subgingival Irrigation With Chlorhexidine During Ultrasonic Scaling. <i>Journal of Periodontology</i> , 1992, 63, 812-816.	1.7	35
60	A study to determine whether cavitation occurs around dental ultrasonic scaling instruments. <i>Ultrasonics Sonochemistry</i> , 2005, 12, 233-236.	3.8	35
61	Ultrasonic scaler tip performance under various load conditions. <i>Journal of Clinical Periodontology</i> , 2003, 30, 876-881.	2.3	34
62	A review of prosthodontic management of fibrous ridges. <i>British Dental Journal</i> , 2005, 199, 715-719.	0.3	34
63	Innovative educational methods and technologies applicable to continuing professional development in periodontology. <i>European Journal of Dental Education</i> , 2010, 14, 43-52.	1.0	34
64	A novel methodology providing insights into removal of biofilm-mimicking hydrogel from lateral morphological features of the root canal during irrigation procedures. <i>International Endodontic Journal</i> , 2014, 47, 1040-1051.	2.3	34
65	Three-dimensional analyses of ultrasonic scaler oscillations. <i>Journal of Clinical Periodontology</i> , 2009, 36, 44-50.	2.3	33
66	Can we learn, teach and practise dentistry anywhere, anytime?. <i>British Dental Journal</i> , 2013, 215, 345-347.	0.3	33
67	Preliminary Investigation into the Performance of a Sonic Scaler. <i>Journal of Periodontology</i> , 1987, 58, 780-784.	1.7	32
68	The oscillatory pattern of sonically powered endodontic files. <i>International Endodontic Journal</i> , 1989, 22, 125-132.	2.3	32
69	Dental undergraduate expectations and opinions of Web-based courseware to supplement traditional teaching methods. <i>European Journal of Dental Education</i> , 2003, 7, 103-110.	1.0	32
70	Mechano-physical and biophysical properties of power-driven scalers: driving the future of powered instrument design and evaluation. <i>Periodontology</i> 2000, 2009, 51, 63-78.	6.3	32
71	Analyzing Endosonic Root Canal File Oscillations: An In Vitro Evaluation. <i>Journal of Endodontics</i> , 2010, 36, 880-883.	1.4	32
72	Characterisation of bone following ultrasonic cutting. <i>Clinical Oral Investigations</i> , 2013, 17, 905-912.	1.4	32

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73	Short-Term In Vitro Effects of Low Frequency Ultrasound on Odontoblast-Like Cells. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 1475-1482.	0.7	31
74	Thermal imaging of ultrasonic scaler tips during tooth instrumentation. <i>Journal of Clinical Periodontology</i> , 2004, 31, 370-375.	2.3	30
75	Students' attitudes towards an online orthodontic learning resource. <i>European Journal of Dental Education</i> , 2009, 13, 87-92.	1.0	30
76	Ultrasound-enhanced diffusion into coupling gel during phonophoresis of 5-fluorouracil. <i>International Journal of Pharmaceutics</i> , 1999, 185, 205-213.	2.6	29
77	Therapeutic ultrasound for dental tissue repair. <i>Medical Hypotheses</i> , 2009, 73, 591-593.	0.8	29
78	High Speed Imaging of Cavitation around Dental Ultrasonic Scaler Tips. <i>PLoS ONE</i> , 2016, 11, e0149804.	1.1	29
79	A new insight into the oscillation characteristics of endosonic files used in dentistry. <i>Physics in Medicine and Biology</i> , 2004, 49, 2095-2102.	1.6	28
80	Specialists' management decisions and attitudes towards mucositis and peri-implantitis. <i>British Dental Journal</i> , 2012, 212, E1-E1.	0.3	28
81	Instant Messaging in Dental Education. <i>Journal of Dental Education</i> , 2015, 79, 1471-1478.	0.7	28
82	Femtosecond laser ablation of dentin and enamel for fast and more precise dental cavity preparation. <i>Materials Science and Engineering C</i> , 2018, 90, 433-438.	3.8	27
83	Cleaning lateral morphological features of the root canal: the role of streaming and cavitation. <i>International Endodontic Journal</i> , 2018, 51, e55-e64.	2.3	27
84	Cutting ability of an ultrasonic retrograde cavity preparation instrument. <i>Dental Traumatology</i> , 1995, 11, 177-180.	0.8	26
85	The external and internal anatomy of human mandibular canine teeth with two roots. <i>Dental Traumatology</i> , 1998, 14, 88-92.	0.8	26
86	Phonophoresis of hydrocortisone with enhancers: an acoustically defined model. <i>International Journal of Pharmaceutics</i> , 1998, 170, 157-168.	2.6	26
87	Online discussion boards in dental education: potential and challenges. <i>European Journal of Dental Education</i> , 2012, 16, e3-e9.	1.0	26
88	Impact of scientific and technological advances. <i>European Journal of Dental Education</i> , 2018, 22, 17-20.	1.0	26
89	How does ultrasonic cavitation remove dental bacterial biofilm?. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105112.	3.8	26
90	Investigations into the failure of dental magnets. <i>International Journal of Prosthodontics</i> , 1999, 12, 249-54.	0.7	26

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91	Effect of precurving endosonic files on the amount of debris and smear layer remaining in curved root canals. <i>Journal of Endodontics</i> , 1992, 18, 616-619.	1.4	25
92	Magnetic Retention in Prosthetic Dentistry. <i>Dental Update</i> , 2002, 29, 428-433.	0.1	25
93	Quality of Trials in a Systematic Review of Powered Toothbrushes: Suggestions for Future Clinical Trials. <i>Journal of Periodontology</i> , 2006, 77, 1944-1953.	1.7	25
94	Inherent variability of the performance of the ultrasonic descaler. <i>Journal of Dentistry</i> , 1986, 14, 121-125.	1.7	24
95	An investigation into cavitation activity occurring in endosonic instrumentation. <i>Journal of Dentistry</i> , 1988, 16, 120-122.	1.7	24
96	Breakage of ultrasonic root-end preparation tips. <i>Journal of Endodontics</i> , 1996, 22, 287-289.	1.4	24
97	X-ray Scattering Evaluation of Ultrastructural Changes in Human Dental Tissues with Thermal Treatment. <i>Journal of Forensic Sciences</i> , 2014, 59, 769-774.	0.9	24
98	Imaging and analysis of individual cavitation microbubbles around dental ultrasonic scalers. <i>Ultrasonics</i> , 2017, 81, 66-72.	2.1	24
99	Intra-vascular thrombosis associated with dental ultrasound. <i>Journal of Oral Pathology and Medicine</i> , 1987, 16, 256-259.	1.4	23
100	Facial aesthetics: is botulinum toxin treatment effective and safe? A systematic review of randomised controlled trials. <i>British Dental Journal</i> , 2009, 207, E9-E9.	0.3	23
101	Dental students' uptake of mobile technologies. <i>British Dental Journal</i> , 2014, 216, 669-673.	0.3	23
102	Mobile learning in dentistry: challenges and opportunities. <i>British Dental Journal</i> , 2019, 227, 298-304.	0.3	23
103	Cutting characteristics of ultrasonic surgical instruments. <i>Clinical Oral Implants Research</i> , 2011, 22, 1385-1390.	1.9	22
104	Mapping cavitation activity around dental ultrasonic tips. <i>Clinical Oral Investigations</i> , 2013, 17, 1227-1234.	1.4	22
105	Multiscale modelling and diffraction-based characterization of elastic behaviour of human dentine. <i>Acta Biomaterialia</i> , 2013, 9, 7937-7947.	4.1	22
106	Implant supported overdentures – the Birmingham experience. <i>Journal of Dentistry</i> , 1997, 25, S43-S47.	1.7	21
107	Radiologic evaluation of heat-induced shrinkage and shape preservation of human teeth using micro-CT. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 107-111.	1.2	21
108	Fake news and dental education. <i>British Dental Journal</i> , 2019, 226, 397-399.	0.3	21

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109	Who is providing dental education content via YouTube?. <i>British Dental Journal</i> , 2019, 226, 437-440.	0.3	21
110	Potential hazards of the dental ultrasonic descaler. <i>Ultrasound in Medicine and Biology</i> , 1988, 14, 15-20.	0.7	20
111	Vibration characteristics of dental high-speed turbines and speed-increasing handpieces. <i>Journal of Dentistry</i> , 2008, 36, 488-493.	1.7	20
112	Oscillation characteristics of endodontic files: numerical model and its validation. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2012, 59, 2448-59.	1.7	20
113	Effect of precurving on the performance of endosonic K files. <i>Journal of Endodontics</i> , 1992, 18, 232-236.	1.4	19
114	Effect of Loading on the Vibration Characteristics of Thin Magnetostrictive Ultrasonic Scaler Inserts. <i>Journal of Periodontology</i> , 2003, 74, 1308-1315.	1.7	19
115	Podcasts – an adjunct to the teaching of dentistry. <i>British Dental Journal</i> , 2009, 206, 157-160.	0.3	19
116	Acrylic Partial Dentures. <i>Dental Update</i> , 2003, 30, 424-429.	0.1	16
117	Continuing professional development systems and requirements for graduate dentists in the EU: survey results from the DentCPD project. <i>European Journal of Dental Education</i> , 2013, 17, 18-22.	1.0	16
118	Maintaining dental implants – do general dental practitioners have the necessary knowledge?. <i>British Dental Journal</i> , 2015, 219, 25-28.	0.3	16
119	Magnet retained overdentures using the Astra dental implant system. <i>British Dental Journal</i> , 1993, 174, 399-404.	0.3	16
120	The efficacy of step-down procedures during endosonic instrumentation. <i>Journal of Endodontics</i> , 1991, 17, 111-115.	1.4	15
121	Plaque removal characteristics of electric toothbrushes using an in vitro plaque model. <i>Journal of Clinical Periodontology</i> , 2001, 28, 1045-1049.	2.3	15
122	The effects of load and toothpaste on powered toothbrush vibrations. <i>Journal of Dentistry</i> , 2007, 35, 350-354.	1.7	15
123	Management of peri-implant bone loss using guided bone regeneration: a clinical report. <i>Journal of Prosthetic Dentistry</i> , 2004, 92, 12-16.	1.1	14
124	Selective dental history. <i>British Dental Journal</i> , 2006, 200, 242-242.	0.3	14
125	Summary of: 'Facial aesthetics: is botulinum toxin treatment effective and safe? A systematic review of randomised controlled trials'. <i>British Dental Journal</i> , 2009, 207, 216-217.	0.3	14
126	Ultrasound field characterization and bioeffects in multiwell culture plates. <i>Journal of Therapeutic Ultrasound</i> , 2015, 3, 8.	2.2	14

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127	Gas bubble fragmentation in an ultrasonic field. <i>Ultrasonics</i> , 1985, 23, 170-172.	2.1	13
128	Acoustic absorption within human teeth during ultrasonic descaling. <i>Journal of Dentistry</i> , 1986, 14, 2-6.	1.7	13
129	APPLYING COMPOSITE LUTING AGENT ULTRASONICALLY: A SUCCESSFUL ALTERNATIVE. <i>Journal of the American Dental Association</i> , 1995, 126, 1125-1129.	0.7	13
130	Use of Dental Photography by General Dental Practitioners in Great Britain. <i>Dental Update</i> , 2004, 31, 199-202.	0.1	13
131	Scanning electron microscopic investigation of changes in the dentogingival area during experimental gingivitis. <i>Journal of Clinical Periodontology</i> , 1991, 18, 20-25.	2.3	12
132	The use of the OSCE in postgraduate education. <i>European Journal of Dental Education</i> , 2008, 12, 126-130.	1.0	12
133	High speed imaging of biofilm removal from a dental implant model using ultrasonic cavitation. <i>Dental Materials</i> , 2020, 36, 733-743.	1.6	12
134	Improved biofilm removal using cavitation from a dental ultrasonic scaler vibrating in carbonated water. <i>Ultrasonics Sonochemistry</i> , 2021, 70, 105338.	3.8	11
135	Canal markings produced by endosonic instruments. <i>Dental Traumatology</i> , 1991, 7, 84-89.	0.8	10
136	Development and evaluation of a stand-alone web-based CAL program. <i>European Journal of Dental Education</i> , 2000, 4, 118-123.	1.0	10
137	Titanium alloy removable partial denture framework in a patient with a metal allergy: a case study. <i>British Dental Journal</i> , 2012, 213, 123-124.	0.3	10
138	Games in dental education: playing to learn or learning to play?. <i>British Dental Journal</i> , 2019, 227, 459-460.	0.3	10
139	Investigation into patients' hearing following ultrasonic scaling. <i>British Dental Journal</i> , 1987, 162, 221-224.	0.3	10
140	Dental practitioner attendances at postgraduate courses in a dental school. <i>British Dental Journal</i> , 1990, 169, 61-63.	0.3	10
141	Instant Messaging in Dental Education. <i>Journal of Dental Education</i> , 2015, 79, 1471-8.	0.7	10
142	Exposimetry of low-frequency ultrasonic dental devices. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 1988, 35, 264-269.	1.7	9
143	Variations in stroke rate and loading using hand sonic or ultrasonic instrumentation. <i>Dental Traumatology</i> , 1993, 9, 153-156.	0.8	9
144	1.2 Cognition and learning. <i>European Journal of Dental Education</i> , 2002, 6, 27-32.	1.0	9

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145	Assessment of the ultrasonic dental scaler insert. <i>Medical Engineering and Physics</i> , 2002, 24, 139-144.	0.8	9
146	Continuing professional development systems and requirements for graduate dentists in the EU: survey results from the DentCPD project. <i>European Journal of Dental Education</i> , 2013, 17, e77-e81.	1.0	9
147	Pressures produced in vitro during intraligamentary anaesthesia. <i>British Dental Journal</i> , 1989, 167, 341-344.	0.3	9
148	Effect of air inlet ring opening on sonic handpiece performance. <i>Journal of Dentistry</i> , 1994, 22, 376-379.	1.7	8
149	Core continuing professional development (CPD) topics for the European dentist. <i>European Journal of Dental Education</i> , 2013, 17, e82-7.	1.0	8
150	Core continuing professional development (CPD) topics for the European dentist. <i>European Journal of Dental Education</i> , 2013, 17, 23-28.	1.0	8
151	The availability of open access videos offered by dental schools. <i>European Journal of Dental Education</i> , 2019, 23, 522-526.	1.0	8
152	Measurement of cavitation activity within ultrasonic baths. <i>Journal of Dentistry</i> , 1991, 19, 62-66.	1.7	7
153	Inherent variability in the power output of endosonic instruments. <i>International Endodontic Journal</i> , 1991, 24, 298-302.	2.3	7
154	Variability of sonic scaling tip movement. <i>Journal of Clinical Periodontology</i> , 1994, 21, 705-709.	2.3	7
155	Analysis of the surface cut by sonic files. <i>Dental Traumatology</i> , 1996, 12, 240-245.	0.8	7
156	Treatment options for the free end saddle. <i>Dental Update</i> , 2011, 38, 382-388.	0.1	7
157	Biophysical characterization of low-frequency ultrasound interaction with dental pulp stem cells. <i>Journal of Therapeutic Ultrasound</i> , 2013, 1, 12.	2.2	7
158	Evaluating denture cleanliness of patients in a regional dental hospital. <i>British Dental Journal</i> , 2016, 221, 127-130.	0.3	7
159	The performance characteristics of a piezoelectric ultrasonic dental scaler. <i>Medical Engineering and Physics</i> , 2016, 38, 199-203.	0.8	7
160	A critical review of qualitative research publications in dental implants from 2006 to 2020. <i>Clinical Oral Implants Research</i> , 2021, 32, 659-671.	1.9	7
161	Ultrasonic debonding of composite-retained restorations. <i>British Dental Journal</i> , 1989, 166, 290-294.	0.3	7
162	A new method to assess damaging effects on the gingival tissues of non-surgical instrumentation. <i>Journal of Clinical Periodontology</i> , 1991, 18, 785-787.	2.3	6

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163	Osteoblast viability and detachment following exposure to ultrasound in vitro. <i>Journal of Materials Science: Materials in Medicine</i> , 2001, 12, 997-1000.	1.7	6
164	Conclusions and consensus statements on: Innovative educational methods and technologies applicable to continuing professional development in periodontology – consensus view 4. <i>European Journal of Dental Education</i> , 2010, 14, 41-42.	1.0	6
165	The dos and don'ts of social networking in dentistry. <i>Dental Update</i> , 2014, 41, 690-696.	0.1	6
166	Microbubble dynamics in a viscous compressible liquid near a rigid boundary. <i>IMA Journal of Applied Mathematics</i> , 2019, 84, 696-711.	0.8	6
167	The effect of standoff distance and surface roughness on biofilm disruption using cavitation. <i>PLoS ONE</i> , 2020, 15, e0236428.	1.1	6
168	Dental hard tissue cutting characteristics of an ultrasonic drill. <i>International Journal of Machine Tools and Manufacture</i> , 1995, 35, 339-343.	6.2	5
169	Factors affecting the cutting ability of sonic files. <i>International Endodontic Journal</i> , 1996, 29, 173-178.	2.3	5
170	Role models in academic dentistry. <i>British Dental Journal</i> , 2006, 200, 479-479.	0.3	5
171	Are We Abusing our Alginate Impressions? An Audit. <i>Dental Update</i> , 2007, 34, 650-653.	0.1	5
172	The therapeutic use of botulinum toxin in cervical and maxillofacial conditions. <i>Evidence-Based Dentistry</i> , 2009, 10, 53-53.	0.3	5
173	Immediate dentures part 2: denture construction. <i>Dental Update</i> , 2018, 45, 720-726.	0.1	5
174	Immediate dentures part 1: assessment and treatment planning. <i>Dental Update</i> , 2018, 45, 617-624.	0.1	5
175	Challenges in dental implant provision and its management in general dental practice. <i>Journal of Dentistry</i> , 2020, 99, 103414.	1.7	5
176	Numerical investigation of cavitation generated by an ultrasonic dental scaler tip vibrating in a compressible liquid. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104963.	3.8	5
177	Traditional Multiwell Plates and Petri Dishes Limit the Evaluation of the Effects of Ultrasound on Cells In Vitro. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 1745-1761.	0.7	5
178	The air-powder dental abrasive unit?an evaluation using a model system. <i>Journal of Oral Rehabilitation</i> , 1987, 14, 43-50.	1.3	4
179	The Management of Severe Hypodontia in a Young Adult Patient: A Case Report. <i>Dental Update</i> , 2003, 30, 326-330.	0.1	4
180	The deposition and imaging of silica sub-micron particles in dentine. <i>Journal of Dentistry</i> , 2015, 43, 1242-1248.	1.7	4

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