

Brian W Darvell

List of Publications by Year in descending order

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241
papers

7,167
citations

61984

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h-index

69250

77
g-index

263
all docs

263
docs citations

263
times ranked

6316
citing authors

#	ARTICLE	IF	CITATIONS
1	Inert to bioactive – A multidimensional spectrum. Dental Materials, 2022, 38, 2-6.	3.5	23
2	Caveat emptor when purchasing dental products online. Journal of the American Dental Association, 2022, 153, 196-199.	1.5	1
3	Bioactivity – Symphony or Cacophony? A Personal View of a Tangled Field. Prosthesis, 2021, 3, 75-84.	2.9	10
4	Dental materials science: Research, testing and standards. Dental Materials, 2021, 37, 379-381.	3.5	15
5	Manufacturers’ instructions: Detail essential for reproducibility. Dental Materials, 2021, 37, 1215-1216.	3.5	2
6	Reviewer declarations: The case for transparency. Dental Materials, 2021, 37, 1631-1632.	3.5	0
7	Misuse of ISO standards in dental materials research. Dental Materials, 2020, 36, 1493-1494.	3.5	11
8	Fracture mechanics of circular discs with a V-notch subjected to wedging. Dental Materials, 2020, 36, 413-419.	3.5	0
9	Colour and chemical stability of bismuth oxide in dental materials with solutions used in routine clinical practice. PLoS ONE, 2020, 15, e0240634.	2.5	34
10	Response to – A United States shark fin ban would undermine sustainable shark fisheries – D.S. Shiffman & R.E. Hueter, Marine Policy 85 (2017) 138–140. Marine Policy, 2019, 104, 85-89.	3.2	6
11	The relationship between the force and separation of miniature magnets used in dentistry. Dental Materials, 2018, 34, e89-e106.	3.5	2
12	Cutting, Abrasion and Polishing. , 2018, , 515-539.		0
13	More Metals. , 2018, , 719-744.		0
14	Radiography. , 2018, , 665-698.		0
15	More Polymers. , 2018, , 699-718.		0
16	Steel and Cermet. , 2018, , 540-554.		1
17	Silver Amalgam. , 2018, , 399-429.		0
18	Soldering and Welding. , 2018, , 555-563.		0

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19	Mechanical Testing. , 2018, , 1-39.		2
20	Metals I : Structure. , 2018, , 337-362.		2
21	Metals II : Constitution. , 2018, , 363-381.		0
22	Light and Colour. , 2018, , 596-632.		1
23	Casting Alloys. , 2018, , 499-514.		0
24	More Chemistry. , 2018, , 771-789.		1
25	More Mechanical Testing. , 2018, , 745-770.		0
26	Flexible Impression Materials. , 2018, , 192-230.		0
27	Casting. , 2018, , 484-498.		1
28	Resin Restorative Materials. , 2018, , 143-191.		5
29	Waxes. , 2018, , 451-464.		0
30	Guest Editorial: The red rag of imprecision. Dental Materials, 2018, 34, 1597-1598.	3.5	0
31	Acrylic. , 2018, , 121-142.		0
32	Gypsum Materials. , 2018, , 40-69.		3
33	Composition and Phase Diagrams. , 2018, , 231-248.		0
34	Casting Investments. , 2018, , 465-483.		0
35	Cements and Liners. , 2018, , 249-291.		3
36	Antibacterial Effect of Silver Diammine Fluoride on Cariogenic Organisms. Journal of Contemporary Dental Practice, 2018, 19, 591-598.	0.5	4

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37	On the permanence of tooth bleaching. <i>Dental Materials</i> , 2016, 32, 1281-1288.	3.5	12
38	Effect of Magnesium on the Solubility of Hydroxyapatite. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5623-5629.	2.0	10
39	Effect of heat treatment on the tensile strength of Elgiloy™ orthodontic wire. <i>Dental Materials</i> , 2016, 32, 1036-1041.	3.5	5
40	Alkaline biodegradable implants for osteoporotic bone defects—importance of microenvironment pH. <i>Osteoporosis International</i> , 2016, 27, 93-104.	3.1	89
41	Effect of Stiffness of Cement on Stress Distribution in Ceramic Crowns. <i>Chinese journal of dental research: the official journal of the Scientific Section of the Chinese Stomatological Association (CSA)</i> , The, 2016, 19, 217-223.	0.2	0
42	Effect of thermal treatment on carbonated hydroxyapatite: Morphology, composition, crystal characteristics and solubility. <i>Ceramics International</i> , 2015, 41, 6149-6157.	4.8	55
43	Influence of surface treatment on the resin-bonding of zirconia. <i>Dental Materials</i> , 2015, 31, 657-668.	3.5	44
44	The effect of excess phosphate on the solubility of hydroxyapatite. <i>Ceramics International</i> , 2014, 40, 2751-2761.	4.8	10
45	Innovation in restorative dental materials: another new age or the end of the line?. <i>Future Medicinal Chemistry</i> , 2013, 5, 1595-1597.	2.3	2
46	Fabrication and characterization of reaction-bonded silicon carbide with poly(methyl methacrylate) as pore-forming agent. <i>Ceramics International</i> , 2013, 39, 5295-5302.	4.8	7
47	Failure analysis of the ball bearings of dental air turbine handpieces. <i>Australian Dental Journal</i> , 2013, 58, 514-521.	1.5	7
48	Factors Affecting Dental Air-Turbine Handpiece Bearing Failure. <i>Operative Dentistry</i> , 2012, 37, E1-E12.	1.2	18
49	Mechanical properties of hydroxyapatite whisker-reinforced bis-GMA-based resin composites. <i>Dental Materials</i> , 2012, 28, 824-830.	3.5	92
50	Bone regeneration: importance of local pH—strontium-doped borosilicate scaffold. <i>Journal of Materials Chemistry</i> , 2012, 22, 8662.	6.7	128
51	Development of strength in dental silver amalgam. <i>Dental Materials</i> , 2012, 28, e207-e217.	3.5	12
52	Effect of corrosion on the strength of dental silver amalgam. <i>Dental Materials</i> , 2012, 28, e160-e167.	3.5	11
53	Effect of elastic modulus mismatch on failure behaviour of glass ionomer cement under Hertzian indentation. <i>Dental Materials</i> , 2012, 28, 279-286.	3.5	10
54	Non-inverse-square force—distance law for long thin magnets—Revisited. <i>Dental Materials</i> , 2012, 28, e42-e49.	3.5	2

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55	Failure and behavior in water of hydroxyapatite whisker-reinforced bis-GMA-based resin composites. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 10, 39-47.	3.1	19
56	Interfacial pH: A Critical Factor for Osteoporotic Bone Regeneration. Langmuir, 2011, 27, 2701-2708.	3.5	90
57	Reaction of silver diamine fluoride with hydroxyapatite and protein. Journal of Dentistry, 2011, 39, 612-618.	4.1	72
58	Formation of Hydroxyapatite Whiskers by Hydrothermal Homogeneous Precipitation Using Acetamide. Journal of the American Ceramic Society, 2011, 94, 2007-2013.	3.8	21
59	“MTA” An Hydraulic Silicate Cement: Review update and setting reaction. Dental Materials, 2011, 27, 407-422.	3.5	184
60	Effects of strontium in modified biomaterials. Acta Biomaterialia, 2011, 7, 800-808.	8.3	249
61	Calcium phosphate solubility”In the blind spot. Colloids and Surfaces B: Biointerfaces, 2011, 82, 263-264.	5.0	4
62	Morphology and structural characteristics of hydroxyapatite whiskers: Effect of the initial Ca concentration, Ca/P ratio and pH. Acta Biomaterialia, 2011, 7, 2960-2968.	8.3	87
63	Apatite-formation ability “ Predictor of “bioactivity”. Acta Biomaterialia, 2010, 6, 4181-4188.	8.3	174
64	Influence of LED irradiance on flexural properties and Vickers hardness of resin-based composite materials. Dental Materials, 2010, 26, 148-155.	3.5	19
65	Interactive effect of indenter size and specimen thickness in Hertzian indentation test. Dental Materials, 2010, 26, 539-544.	3.5	4
66	Determination of the flexural modulus of elasticity of orthodontic archwires. Dental Materials, 2010, 26, 821-829.	3.5	14
67	Constitution and morphology of hydroxyapatite whiskers prepared using amine additives. Journal of the European Ceramic Society, 2010, 30, 2041-2048.	5.7	24
68	Synthesis and characterization of hydroxyapatite whiskers by hydrothermal homogeneous precipitation using acetamide. Acta Biomaterialia, 2010, 6, 3216-3222.	8.3	105
69	Geometric, electronic and elastic properties of dental silver amalgam $\hat{1}^3$ -(Ag ₃ Sn), $\hat{1}^{31}$ -(Ag ₂ Hg ₃), $\hat{1}^{32}$ -(Sn ₈ Hg) phases, comparison of experiment and theory. Intermetallics, 2010, 18, 756-760.	3.9	21
70	Effect of Carbonate on Hydroxyapatite Solubility. Crystal Growth and Design, 2010, 10, 845-850.	3.0	86
71	Solubility of sparingly-soluble electrolytes”a new approach. Analytical Methods, 2010, 2, 973.	2.7	1
72	More Mechanical Testing. , 2009, , 640-648.		0

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73	Adhesion Strength Testing – Time to Fail or a Waste of Time?. Journal of Adhesion Science and Technology, 2009, 23, 935-944.	2.6	15
74	Solid Titration of Octacalcium Phosphate. Caries Research, 2009, 43, 322-330.	2.0	20
75	Solubility of Dicalcium Phosphate Dihydrate by Solid Titration. Caries Research, 2009, 43, 254-260.	2.0	19
76	Casting Alloys. , 2009, , 435-449.		0
77	Mechanical Testing. , 2009, , 1-36.		2
78	Flexible Impression Materials. , 2009, , 163-196.		3
79	Resin Restorative Materials. , 2009, , 128-162.		3
80	Acrylic. , 2009, , 108-127.		2
81	Waxes. , 2009, , 390-400.		1
82	Casting. , 2009, , 420-434.		0
83	Hertzian load-bearing capacity of a ceramic-reinforced glass ionomer cement stored wet and dry. Dental Materials, 2009, 25, 952-955.	3.5	13
84	Solubility of TTCP and β -TCP by solid titration. Archives of Oral Biology, 2009, 54, 671-677.	1.8	22
85	Indentation as a technique to assess the mechanical properties of fallback foods. American Journal of Physical Anthropology, 2009, 140, 643-652.	2.1	41
86	Solubility of strontium-substituted apatite by solid titration. Acta Biomaterialia, 2009, 5, 1678-1685.	8.3	129
87	Growth of apatite on chitosan-multiwall carbon nanotube composite membranes. Applied Surface Science, 2009, 255, 8551-8555.	6.1	23
88	Solubility of Bovine-Derived Hydroxyapatite by Solid Titration, pH 3.5~5. Crystal Growth and Design, 2009, 9, 2816-2820.	3.0	13
89	Calcium Phosphate Solubility: The Need for Re-Evaluation. Crystal Growth and Design, 2009, 9, 639-645.	3.0	88
90	Nucleation of Strontium-Substituted Apatite. Crystal Growth and Design, 2009, 9, 3342-3345.	3.0	38

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91	Gypsum Materials. , 2009, , 37-59.		2
92	Silver Amalgam. , 2009, , 342-370.		0
93	Casting Investments. , 2009, , 401-419.		1
94	Porcelain. , 2009, , 546-567.		3
95	Cements and Liners. , 2009, , 214-252.		0
96	Metals I: Structure. , 2009, , 280-305.		0
97	Metals II: Constitution. , 2009, , 306-324.		0
98	Cutting, Abrasion and Polishing. , 2009, , 450-470.		2
99	Steel and Cermet. , 2009, , 471-484.		0
100	Light and Colour. , 2009, , 515-545.		1
101	Radiography. , 2009, , 568-599.		0
102	More Metals. , 2009, , 614-639.		0
103	Composition and Phase Diagrams. , 2009, , 197-213.		0
104	Materials Science for Dentistry. , 2009, , .		49
105	Quantitative determination of radio-opacity: Equivalence of digital and film X-ray systems. Dental Materials, 2008, 24, 141-147.	3.5	44
106	Low-cycle fatigue of rotary NiTi endodontic instruments in hypochlorite solution. Dental Materials, 2008, 24, 753-759.	3.5	37
107	Network competition in a resin-modified glass-ionomer cement. Dental Materials, 2008, 24, 1065-1069.	3.5	32
108	Failure behavior of glass ionomer cement under Hertzian indentation. Dental Materials, 2008, 24, 1223-1229.	3.5	13

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109	Effects of pore shape and porosity on the properties of porous LNKN ceramics as bone substitute. <i>Materials Chemistry and Physics</i> , 2008, 109, 488-491.	4.0	36
110	Porous Li ⁺ -Na ⁺ -K niobate bone-substitute ceramics: Microstructure and piezoelectric properties. <i>Materials Letters</i> , 2008, 62, 3506-3508.	2.6	8
111	Bioactivity of a Novel Nano ⁺ composite of Hydroxyapatite and Chitosan ⁺ Phosphorylated Chitosan Polyelectrolyte Complex. <i>Journal of Bioactive and Compatible Polymers</i> , 2008, 23, 520-531.	2.1	23
112	Characterizing the performance of dental air-turbine handpieces. , 2008, , 1-36.		0
113	Effect of Amine Additives on the Morphology of Hydroxyapatite. <i>Key Engineering Materials</i> , 2007, 361-363, 115-118.	0.4	5
114	Biomimetic Synthesis of PEC-HA Composite Analogous to Bone. <i>Key Engineering Materials</i> , 2007, 336-338, 1699-1702.	0.4	1
115	Does Electropolishing Improve the Low-cycle Fatigue Behavior of a Nickel ⁺ -Titanium Rotary Instrument in Hypochlorite?. <i>Journal of Endodontics</i> , 2007, 33, 1217-1221.	3.1	47
116	Effect of Environment on Low-cycle Fatigue of a Nickel ⁺ -Titanium Instrument. <i>Journal of Endodontics</i> , 2007, 33, 1433-1437.	3.1	65
117	Chitosan-phosphorylated chitosan polyelectrolyte complex hydrogel as an osteoblast carrier. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 82B, 481-486.	3.4	16
118	Comparison of defects in ProTaper hand-operated and engine-driven instruments after clinical use. <i>International Endodontic Journal</i> , 2007, 40, 169-178.	5.0	30
119	Fatigue testing of a NiTi rotary instrument. Part 2: fractographic analysis. <i>International Endodontic Journal</i> , 2007, 40, 619-625.	5.0	57
120	Low-cycle fatigue of NiTi rotary instruments of various cross-sectional shapes. <i>International Endodontic Journal</i> , 2007, 40, 626-632.	5.0	68
121	Fatigue testing of a NiTi rotary instrument. Part 1: strain ⁺ life relationship. <i>International Endodontic Journal</i> , 2007, 40, 612-618.	5.0	72
122	Methyl methacrylate monomer ⁺ polymer equilibrium in solid polymer. <i>Dental Materials</i> , 2007, 23, 88-94.	3.5	21
123	Failure mode of dental restorative materials under Hertzian indentation. <i>Dental Materials</i> , 2007, 23, 1236-1244.	3.5	27
124	Solubility of hydroxyapatite by solid titration at pH 3 ⁺ 4. <i>Archives of Oral Biology</i> , 2007, 52, 618-624.	1.8	50
125	Solubility of calcium fluoride and fluorapatite by solid titration. <i>Archives of Oral Biology</i> , 2007, 52, 861-868.	1.8	34
126	Mathematical Modeling of Flexural Behavior of Rotary Nickel-Titanium Endodontic Instruments. <i>Journal of Endodontics</i> , 2006, 32, 545-548.	3.1	8

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127	Preparation of hollow hydroxyapatite microspheres. <i>Journal of Materials Science: Materials in Medicine</i> , 2006, 17, 641-646.	3.6	66
128	Curing-light attenuation in filled-resin restorative materials. <i>Dental Materials</i> , 2006, 22, 804-817.	3.5	129
129	Non-inverse-square force-distance law for long thin magnets. <i>Dental Materials</i> , 2006, 22, 909-918.	3.5	5
130	Biomimetic synthesis of the composites of hydroxyapatite and chitosan-phosphorylated chitosan polyelectrolyte complex. <i>Materials Letters</i> , 2006, 60, 3533-3536.	2.6	20
131	Effect of Filler Shape and Volume Fraction on Strain Damage of Particulate-Reinforced Dental Composites. <i>Materials Science Forum</i> , 2006, 532-533, 117-120.	0.3	3
132	Biomimetic Mineralization and Bioactivity of Phosphorylated Chitosan. <i>Key Engineering Materials</i> , 2005, 288-289, 429-432.	0.4	11
133	Defects in ProTaper S1 instruments after clinical use: fractographic examination. <i>International Endodontic Journal</i> , 2005, 38, 802-809.	5.0	159
134	Minimization of the inevitable residual monomer in denture base acrylic. <i>Dental Materials</i> , 2005, 21, 1119-1128.	3.5	63
135	Biomimetic Synthesis of Apatite - Polyelectrolyte Complex (Chitosan - Phosphorylated Chitosan) Hydrogel as an Osteoblast Carrier. <i>Key Engineering Materials</i> , 2005, 288-289, 75-78.	0.4	6
136	Discharge of lubricant from air turbine handpieces. <i>British Dental Journal</i> , 2005, 198, 637-640.	0.6	13
137	Surface Modification of Titanium Implant and In Vitro Biocompatibility Evaluation. <i>Key Engineering Materials</i> , 2005, 288-289, 315-318.	0.4	7
138	The performance of air-turbine handpieces in general dental practice. <i>Operative Dentistry</i> , 2005, 30, 16-25.	1.2	7
139	A testing machine for dental air-turbine handpiece characteristics: free-running speed, stall torque, bearing resistance. <i>Operative Dentistry</i> , 2005, 30, 26-31.	1.2	2
140	Effects of strain rate and temperature on the mechanical properties of resin composites. <i>Dental Materials</i> , 2004, 20, 750-765.	3.5	41
141	Hydroxyapatite solubility in simple inorganic solutions. <i>Archives of Oral Biology</i> , 2004, 49, 359-367.	1.8	76
142	Validation of ion chromatography for human salivary anionic analysis. <i>Archives of Oral Biology</i> , 2004, 49, 855-862.	1.8	19
143	Human salivary anionic analysis using ion chromatography. <i>Archives of Oral Biology</i> , 2004, 49, 863-869.	1.8	35
144	Methyl methacrylate in poly(methyl methacrylate)-validation of direct injection gas chromatography. <i>Journal of Chromatography A</i> , 2004, 1061, 93-98.	3.7	8

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145	Aspects of water sorption from the air, water and artificial saliva in resin composite restorative materials. <i>Dental Materials</i> , 2003, 19, 414-422.	3.5	70
146	Polymerization of resin composite restorative materials: exposure reciprocity. <i>Dental Materials</i> , 2003, 19, 531-541.	3.5	134
147	Stress distribution and failure mode of dental ceramic structures under Hertzian indentation. <i>Dental Materials</i> , 2003, 19, 542-551.	3.5	45
148	Effect of burnout temperature on strength of gypsum-bonded investments. <i>Dental Materials</i> , 2003, 19, 552-557.	3.5	27
149	EVOLUTION AND FUNCTION OF ROUTINE TRICHROMATIC VISION IN PRIMATES. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2636-2643.	2.3	127
150	EVOLUTION AND FUNCTION OF ROUTINE TRICHROMATIC VISION IN PRIMATES. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2636.	2.3	10
151	Dietary analysis I: Food physics. , 2003, , 184-198.		26
152	Sintering of dental porcelain: effect of time and temperature on appearance and porosity. <i>Dental Materials</i> , 2002, 18, 163-173.	3.5	71
153	Effect of storage conditions on calcium sulphate hemihydrate-containing products. <i>Dental Materials</i> , 2001, 17, 134-141.	3.5	5
154	Water sorption and mechanical behaviour of cosmetic direct restorative materials in artificial saliva. <i>Dental Materials</i> , 2001, 17, 394-401.	3.5	94
155	Field Kit to Characterize Physical, Chemical and Spatial Aspects of Potential Primate Foods. <i>Folia Primatologica</i> , 2001, 72, 11-25.	0.7	132
156	Rheology of dental waxes. <i>Dental Materials</i> , 2000, 16, 337-350.	3.5	13
157	The physical mechanisms of complete denture retention. <i>British Dental Journal</i> , 2000, 189, 248-252.	0.6	76
158	An improved cooling curve technique as applied to waxes. <i>Measurement Science and Technology</i> , 1999, 10, 1319-1328.	2.6	4
159	Thermal cycling procedures for laboratory testing of dental restorations. <i>Journal of Dentistry</i> , 1999, 27, 89-99.	4.1	953
160	Dentine permeability and tracer tests. <i>Journal of Dentistry</i> , 1999, 27, 1-11.	4.1	32
161	Flow and free running speed characterization of dental air turbine handpieces. <i>Journal of Dentistry</i> , 1999, 27, 465-477.	4.1	17
162	Torque, power and efficiency characterization of dental air turbine handpieces. <i>Journal of Dentistry</i> , 1999, 27, 573-586.	4.1	22

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163	A new method for casting discrepancy: some results for a phosphate-bonded investment. <i>Journal of Dentistry</i> , 1998, 26, 59-68.	4.1	5
164	Colour Cues for Leaf Food Selection by Long-Tailed Macaques (<i>Macaca fascicularis</i>) with a New Suggestion for the Evolution of Trichromatic Colour Vision. <i>Folia Primatologica</i> , 1998, 69, 139-154.	0.7	134
165	Effect of burnout temperature on strength of phosphate-bonded investments. <i>Journal of Dentistry</i> , 1997, 25, 153-160.	4.1	16
166	Controlling dentine penetration in computer microleakage tracer mapping. <i>Journal of Dentistry</i> , 1997, 25, 129-136.	4.1	17
167	Effect of burnout temperatures on strength of phosphate-bonded investments – Part II: effect of metal temperature. <i>Journal of Dentistry</i> , 1997, 25, 423-430.	4.1	13
168	Artificial salivas for in vitro studies of dental materials. <i>Journal of Dentistry</i> , 1997, 25, 475-484.	4.1	136
169	A laboratory evaluation of two brands of disposable air turbine handpiece. <i>British Dental Journal</i> , 1997, 182, 15-21.	0.6	7
170	The adherence of oral isolates of <i>Enterobacteriaceae</i> to HeLa cells. <i>Apmis</i> , 1996, 104, 39-46.	2.0	6
171	The influence of incubation conditions on the adherence of oral <i>Enterobacteriaceae</i> to HeLa cells. <i>Apmis</i> , 1996, 104, 583-590.	2.0	5
172	A portable fracture toughness tester for biological materials. <i>Measurement Science and Technology</i> , 1996, 7, 954-962.	2.6	155
173	The bonding of cold-cured acrylic resin to acrylic denture teeth. <i>Australian Dental Journal</i> , 1995, 40, 241-245.	1.5	31
174	Dental air turbine handpiece performance testing*. <i>Australian Dental Journal</i> , 1995, 40, 330-338.	1.5	22
175	The present status of dental rotary cutting performance tests*. <i>Australian Dental Journal</i> , 1995, 40, 50-60.	1.5	15
176	Refining the Estimate of the Critical Period for Susceptibility to Enamel Fluorosis in Human Maxillary Central Incisors. <i>Journal of Public Health Dentistry</i> , 1995, 55, 238-249.	1.2	120
177	Contamination of titanium castings by aluminium oxide blasting. <i>Journal of Dentistry</i> , 1995, 23, 319-322.	4.1	99
178	A micro-extension measurement unit for the Instron 1185. <i>Measurement Science and Technology</i> , 1995, 6, 230-239.	2.6	0
179	The first three questions. <i>Australian Dental Journal</i> , 1995, 40, 397-8.	1.5	2
180	Three-dimensional reconstruction of microleakage pattern using a sequential grinding technique. <i>Journal of Dentistry</i> , 1994, 22, 370-375.	4.1	38

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181	Determinants of variation in dental caries experience in primary teeth of Hong Kong children aged 6-8 years. <i>Community Dentistry and Oral Epidemiology</i> , 1993, 21, 1-3.	1.9	20
182	Congenitally missing permanent mandibular incisors and their association with missing primary teeth in the Southern Chinese (Hong Kong). <i>Community Dentistry and Oral Epidemiology</i> , 1993, 21, 162-164.	1.9	12
183	The evolution of the complete denture base. Theories of complete denture retention – A review. Part 1. <i>Australian Dental Journal</i> , 1993, 38, 216-219.	1.5	53
184	The evolution of the complete denture base. Theories of complete denture retention – A review. Part 4. <i>Australian Dental Journal</i> , 1993, 38, 450-455.	1.5	8
185	Aspects of the design of modern dental air turbine handpieces*. <i>Australian Dental Journal</i> , 1993, 38, 456-470.	1.5	11
186	The development of the dental high-speed air turbine handpiece. Part 1. <i>Australian Dental Journal</i> , 1993, 38, 49-58.	1.5	24
187	The development of the dental high-speed air turbine handpiece. Part 2*. <i>Australian Dental Journal</i> , 1993, 38, 131-143.	1.5	24
188	The evolution of the complete denture base. Theories of complete denture retention-A review. Part 2. <i>Australian Dental Journal</i> , 1993, 38, 299-305.	1.5	4
189	The evolution of the complete denture base. Theories of complete denture retention - A review. Part 3. <i>Australian Dental Journal</i> , 1993, 38, 389-393.	1.5	7
190	Casting system effectiveness – measurement and theory. <i>Dental Materials</i> , 1992, 8, 89-99.	3.5	9
191	Calcium phosphate system in saliva-like media. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1991, 87, 1759.	1.7	45
192	The RAMESES algorithm for multiple equilibria – IV. Strategies for improvement (RAMESES III). <i>Talanta</i> , 1991, 38, 875-888.	5.5	5
193	The RAMESES algorithm for multiple equilibria – V. Error statements. <i>Talanta</i> , 1991, 38, 1027-1032.	5.5	4
194	Strength of phosphate-bonded investments at high temperature. <i>Dental Materials</i> , 1991, 7, 99-102.	3.5	15
195	Uniaxial compression tests and the validity of indirect tensile strength. <i>Journal of Materials Science</i> , 1990, 25, 757-780.	3.7	151
196	Effect of humidity on calcium sulphate hemihydrate. <i>Australian Dental Journal</i> , 1990, 35, 230-235.	1.5	10
197	A protocol for contact angle measurement. <i>Journal Physics D: Applied Physics</i> , 1990, 23, 1150-1155.	2.8	33
198	The rameses algorithm for multiple equilibria – II Some further developments. <i>Talanta</i> , 1990, 37, 413-423.	5.5	11

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199	The rameses algorithm for multiple equilibriaâ€”III Acceleration and standardized formation constants (RAMESES II). <i>Talanta</i> , 1990, 37, 425-429.	5.5	9
200	Guest Editorial: A Polemic on Behalf of a Poor Cousin. <i>Journal of Dental Research</i> , 1989, 68, 843-843.	5.2	4
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