David C. Watts

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

315 papers	13,890 citations	56 h-index	105 g-index
336 ext. papers	15,484 ext. citations	4.4 avg, IF	6.66 L-index

#	Paper	IF	Citations
315	Direct and indirect eluates from bulk fill resin-based-composites.. *Dental Materials*, **2022**,	5.7	3
314	Influence of curing modes on conversion and shrinkage of dual-cure resin-cements.. *Dental Materials*, **2021**,	5.7	2
313	The use of different adhesive filling material and mass combinations to restore class II cavities under loading and shrinkage effects: a 3D-FEA. *Computer Methods in Biomechanics and Biomedical Engineering*, **2021**, 24, 485-495	2.1	14
312	Fast and cost-effective screening for SARS-CoV-2 variants in a routine diagnostic setting. *Dental Materials*, **2021**, 37, e95-e97	5.7	14
311	Optimizing the fitting-surface preparation of zirconia restorations for bonding to dentin. *Dental Materials*, **2021**, 37, 464-476	5.7	4
310	Polymerization shrinkage and shrinkage stress development in ultra-rapid photo-polymerized bulk fill resin composites. *Dental Materials*, **2021**, 37, 559-567	5.7	7
309	Material behavior of resin composites with and without fibers after extended water storage. *Dental Materials Journal*, **2021**, 40, 557-565	2.5	0
308	Spatio-temporal temperature fields generated coronally with bulk-fill resin composites: A thermography study. *Dental Materials*, **2021**, 37, 1237-1247	5.7	3
307	SARS-CoV-2 and regular patient treatment - from the use of rapid antigen testing up to treatment specific precaution measures. *Head & Face Medicine*, **2021**, 17, 39	2.4	0
306	The role of cortical zone level and prosthetic platform angle in dental implant mechanical response: A 3D finite element analysis. *Dental Materials*, **2021**, 37, 1688-1697	5.7	6
305	Influence of curing modes on thermal stability, hardness development and network integrity of dual-cure resin cements. *Dental Materials*, **2021**, 37, 1854-1864	5.7	6
304	Post-irradiation surface viscoelastic integrity of photo-polymerized resin-based composites. *Dental Materials*, **2021**, 37, 1828-1833	5.7	1
303	Direct and indirect monomer elution from an RBC product family. *Dental Materials*, **2021**, 37, 1601-1614	5.7	2
302	Pre-heating time and exposure duration: Effects on post-irradiation properties of a thermo-viscous resin-composite. *Dental Materials*, **2020**, 36, 787-793	5.7	7
301	Limited reciprocity in curing efficiency of bulk-fill resin-composites. *Dental Materials*, **2020**, 36, 997-1008	5.7	7
300	Outcomes of ultra-fast (3 s) photo-cure in a RAFT-modified resin-composite. *Dental Materials*, **2020**, 36, 570-579	5.7	21
299	Quantifying the Crisis: Opioid-Related Adverse Events in Outpatient Ambulatory Plastic Surgery. *Plastic and Reconstructive Surgery*, **2020**, 145, 687-695	2.7	4

298	An alternate methodology for studying diffusion and elution kinetics of dimethacrylate monomers through dentinal tubules. *Dental Materials*, **2020**, 36, 479-490	5.7	4
297	Fast and simple high-throughput testing of COVID 19. *Dental Materials*, **2020**, 36, e141-e142	5.7	2
296	The quest for stable biomimetic repair of teeth: Technology of resin-bonded composites. *Dental Materials Journal*, **2020**, 39, 46-51	2.5	3
295	Characterizing surface viscoelastic integrity of ultra-fast photo-polymerized composites: Methods development. *Dental Materials*, **2020**, 36, 1255-1265	5.7	5
294	Nanotechnology in dentistry: Present and future perspectives on dental nanomaterials. *Dental Materials*, **2020**, 36, 1365-1378	5.7	39
293	Bone augmentation by replica-based bone formation. *Dental Materials*, **2020**, 36, 1388-1396	5.7	
292	Bis(4-methyl phenyl)iodonium as an alternative component to diphenyliodonium in camphorquinone-based ternary initiating systems. *Dental Materials*, **2020**, 36, 1282-1288	5.7	3
291	Conversion kinetics of rapid photo-polymerized resin composites. *Dental Materials*, **2020**, 36, 1266-1274	5.7	15
290	Evaluation of bone formation in neonatal mouse calvariae using micro-CT and histomorphometry: an in vitro study. *Acta Histochemica*, **2020**, 122, 151614	2	0
289	Stress Distributions for Hybrid Composite Endodontic Post Designs with and without a Ferrule: FEA Study. *Polymers*, **2020**, 12,	4.5	7
288	Pre-heating effects on extrusion force, stickiness and packability of resin-based composite. *Dental Materials*, **2019**, 35, 1594-1602	5.7	12
287	Viscoelastic stability of pre-cured resin-composite CAD/CAM structures. *Dental Materials*, **2019**, 35, 1166-1172	5.7	5
286	Effect of biomimetic mineralization on enamel and dentin: A Raman and EDX analysis. *Dental Materials*, **2019**, 35, 1300-1307	5.7	15
285	Hardness and fracture toughness of resin-composite materials with and without fibers. *Dental Materials*, **2019**, 35, 1194-1203	5.7	20
284	Adhesive class I restorations in sound molar teeth incorporating combined resin-composite and glass ionomer materials: CAD-FE modeling and analysis. *Dental Materials*, **2019**, 35, 1514-1522	5.7	21
283	Reporting of light irradiation conditions in 300 laboratory studies of resin-composites. *Dental Materials*, **2019**, 35, 414-421	5.7	9
282	FE analysis of conceptual hybrid composite endodontic post designs in anterior teeth. *Dental Materials*, **2018**, 34, 1063-1071	5.7	26
281	Surface characteristics and biocompatibility of cranioplasty titanium implants following different surface treatments. *Dental Materials*, **2018**, 34, 676-683	5.7	35

280	The unique calcium chelation property of poly(vinyl phosphonic acid-co-acrylic acid) and effects on osteogenesis in vitro. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 168-179	5.4	9
279	Poly(vinylphosphonic acid-co-acrylic acid) hydrogels: The effect of copolymer composition on osteoblast adhesion and proliferation. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 255-264	5.4	30
278	Antimicrobial photodynamic active biomaterials for periodontal regeneration. *Dental Materials*, **2018**, 34, 1542-1554	5.7	5
277	Intracoronal stress transfer through enamel following RBC photopolymerisation: A synchrotron X-ray study. *Dental Materials*, **2018**, 34, 1426-1439	5.7	1
276	Modal analysis for implant stability assessment: Sensitivity of this methodology for different implant designs. *Dental Materials*, **2018**, 34, 1235-1245	5.7	28
275	Light curing resin cements containing iodonium salts promote suitable apical bonding of posts to radicular dentin. *Brazilian Oral Research*, **2018**, 32, e116	2.6	2
274	Analysis of pre-test failures and bond-strengths of seven adhesive systems to bovine dentine: A nine-year novice/beginner operator study. *Dental Materials*, **2018**, 34, 1599-1609	5.7	1
273	Mechanical behavior of bulk direct composite versus block composite and lithium disilicate indirect Class II restorations by CAD-FEM modeling. *Dental Materials*, **2017**, 33, 690-701	5.7	48
272	Academy of Dental Materials guidance-Resin composites: Part I-Mechanical properties. *Dental Materials*, **2017**, 33, 880-894	5.7	111
271	Effect of filler particles morphology of resin-composites on cavity packing force for repeated condensation. *Dental Materials Journal*, **2017**, 36, 340-347	2.5	3
270	Academy of Dental Materials guidance-Resin composites: Part II-Technique sensitivity (handling, polymerization, dimensional changes). *Dental Materials*, **2017**, 33, 1171-1191	5.7	62
269	Mechanical behavior of endodontically restored canine teeth: Effects of ferrule, post material and shape. *Dental Materials*, **2017**, 33, 1466-1472	5.7	30
268	CAD-FE modeling and analysis of class II restorations incorporating resin-composite, glass ionomer and glass ceramic materials. *Dental Materials*, **2017**, 33, 1456-1465	5.7	40
267	Shrinkage strain Rates study of dental composites based on (BisGMA/TEGDMA) monomers. *Arabian Journal of Chemistry*, **2017**, 10, S190-S195	5.9	11
266	Trends in restorative composites research: what is in the future?. *Brazilian Oral Research*, **2017**, 31, e55	2.6	34
265	Development of novel electrospun dual-drug fiber mats loaded with a combination of ampicillin and metronidazole. *Dental Materials*, **2016**, 32, 951-60	5.7	30
264	Surface and bulk properties of dental resin- composites after solvent storage. *Dental Materials*, **2016**, 32, 987-97	5.7	34
263	Polymerization shrinkage kinetics and shrinkage-stress in dental resin-composites. *Dental Materials*, **2016**, 32, 998-1006	5.7	94

262	Synthesis and Characterization of Poly(vinylphosphonic acid-co-acrylic acid) Copolymers for Application in Bone Tissue Scaffolds. *Macromolecules*, **2016**, 49, 2656-2662	5.5	22
261	Effect of curing light emission spectrum on the nanohardness and elastic modulus of two bulk-fill resin composites. *Dental Materials*, **2016**, 32, 535-50	5.7	24
260	Effect of diphenyliodonium hexafluorphosphate on resin cements containing different concentrations of ethyl 4-(dimethylamino)benzoate and 2-(dimethylamino)ethyl methacrylate as co-initiators. *Dental Materials*, **2016**, 32, 749-55	5.7	13
259	Effect of diphenyliodonium hexafluorophosphate on the physical and chemical properties of ethanolic solvated resins containing camphorquinone and 1-phenyl-1,2-propanedione sensitizers as initiators. *Dental Materials*, **2016**, 32, 756-64	5.7	24
258	Study of energy transfer by different light curing units into a class III restoration as a function of tilt angle and distance, using a MARC Patient Simulator (PS). *Dental Materials*, **2016**, 32, 676-86	5.7	27
257	Stiffness of uncured resin-composites assessed via cavity-packing forces. *Dental Materials*, **2016**, 32, e199-203	5.7	4
256	Robust spectrometer-based methods for characterizing radiant exitance of dental LED light curing units. *Dental Materials*, **2015**, 31, 339-50	5.7	27
255	Determination of homologous distributions of bisEMA dimethacrylates in bulk-fill resin-composites by GC-MS. *Dental Materials*, **2015**, 31, 473-80	5.7	27
254	Polymerization kinetics and impact of post polymerization on the Degree of Conversion of bulk-fill resin-composite at clinically relevant depth. *Dental Materials*, **2015**, 31, 1207-13	5.7	63
253	Resin-based composites show similar kinetic profiles for dimensional change and recovery with solvent storage. *Dental Materials*, **2015**, 31, e201-17	5.7	13
252	Development of viscoelastic stability of resin-composites incorporating novel matrices. *Dental Materials*, **2015**, 31, 1561-6	5.7	9
251	Reduced polymerization stress of MAPO-containing resin composites with increased curing speed, degree of conversion and mechanical properties. *Dental Materials*, **2014**, 30, 507-16	5.7	43
250	Post-cure depth of cure of bulk fill dental resin-composites. *Dental Materials*, **2014**, 30, 149-54	5.7	145
249	Resistance to vertical fracture of MTA-filled roots. *Dental Traumatology*, **2014**, 30, 36-42	4.5	22
248	Controlled-release naringin nanoscaffold for osteoporotic bone healing. *Dental Materials*, **2014**, 30, 1263-73	5.7	38
247	The effect of ultra-fast photopolymerisation of experimental composites on shrinkage stress, network formation and pulpal temperature rise. *Dental Materials*, **2014**, 30, 1280-9	5.7	46
246	A method for calculating the compliance of bonded-interfaces under shrinkage: validation for Class I cavities. *Dental Materials*, **2014**, 30, 936-44	5.7	16
245	Cytotoxicity of post and core composites as a function of environmental conditions. *Dental Materials*, **2014**, 30, 1179-86	5.7	5

244	Hygroscopic expansion kinetics of dental resin-composites. *Dental Materials*, **2014**, 30, 143-8	5.7	22
243	Rheological properties of resin composites according to variations in composition and temperature. *Dental Materials*, **2014**, 30, 517-24	5.7	39
242	Temperature-dependent polymerization shrinkage stress kinetics of resin-composites. *Dental Materials*, **2014**, 30, 654-60	5.7	25
241	Colonization of Enterococcus faecalis in a new SiO/SiO(2)-microtube in vitro model system as a function of tubule diameter. *Dental Materials*, **2014**, 30, 661-8	5.7	7
240	Mouse calvarial defect model: an approach for the micro-tomographic evaluation of polymer scaffolds. *Microscopy Research and Technique*, **2014**, 77, 1037-43	2.8	3
239	Temperature rise on the external root surface during removal of endodontic fractured instruments. *Clinical Oral Investigations*, **2014**, 18, 1135-1140	4.2	4
238	Adhesives and Sealants **2013**, 889-904		2
237	Viscoelastic stability of resin-composites aged in food-simulating solvents. *Dental Materials*, **2013**, 29, 963-70	5.7	12
236	Substrate-free multi-cellular aggregates of human gingival fibroblasts-fabrication, biomechanics and significance for tissue regeneration. *Dental Materials*, **2013**, 29, 332-8	5.7	
235	The relationship between cyclic hygroscopic dimensional changes and water sorption/desorption of self-adhering and new resin-matrix composites. *Dental Materials*, **2013**, 29, e218-26	5.7	19
234	The effect of smear layer on the push-out bond strength of root canal calcium silicate cements. *Dental Materials*, **2013**, 29, 797-803	5.7	60
233	Temperature-dependence of creep behaviour of dental resin-composites. *Journal of Dentistry*, **2013**, 41, 287-96	4.8	8
232	Antibacterial effect of different root canal sealers on three bacterial species. *Dental Materials*, **2013**, 29, 542-9	5.7	32
231	Evaluation of UDMA's potential as a substitute for Bis-GMA in orthodontic adhesives. *Dental Materials*, **2013**, 29, 898-905	5.7	38
230	Finite element analysis of bonded model Class I restorations after shrinkage. *Dental Materials*, **2012**, 28, 123-32	5.7	25
229	Viscoelastic stability of resin-composites under static and dynamic loading. *Dental Materials*, **2012**, 28, e15-8	5.7	15
228	Release of metronidazole from electrospun poly(L-lactide-co-D/L-lactide) fibers for local periodontitis treatment. *Dental Materials*, **2012**, 28, 179-88	5.7	96
227	Resin-composite cytotoxicity varies with shade and irradiance. *Dental Materials*, **2012**, 28, 312-9	5.7	34

226	Marginal and internal fit of pressed lithium disilicate partial crowns in vitro: a three-dimensional analysis of accuracy and reproducibility. *Dental Materials*, **2012**, 28, 320-6	5.7	90
225	Biomimetic mineralization: long-term observations in patients with dentin sensitivity. *Dental Materials*, **2012**, 28, 457-64	5.7	23
224	Effect of resin-composite filler particle size and shape on shrinkage-stress. *Dental Materials*, **2012**, 28, 609-14	5.7	65
223	Effect of filler size and morphology on viscoelastic stability of resin-composites under dynamic loading. *Journal of Materials Science: Materials in Medicine*, **2012**, 23, 623-7	4.5	4
222	Degradation resistance of ormocer- and dimethacrylate-based matrices with different filler contents. *Journal of Dentistry*, **2012**, 40, 86-90	4.8	11
221	A micro-computed tomography evaluation of mineral trioxide aggregate root canal fillings. *Journal of Endodontics*, **2012**, 38, 670-2	4.7	38
220	Effects of thread features in osseo-integrated titanium implants using a statistics-based finite element method. *Dental Materials*, **2012**, 28, 919-27	5.7	37
219	Creep deformation of restorative resin-composites intended for bulk-fill placement. *Dental Materials*, **2012**, 28, 928-35	5.7	73
218	Numerical evaluation of bulk material properties of dental composites using two-phase finite element models. *Dental Materials*, **2012**, 28, 996-1003	5.7	16
217	Morphology and structure of polymer layers protecting dental enamel against erosion. *Dental Materials*, **2012**, 28, 1089-97	5.7	17
216	Nanoindentation creep versus bulk compressive creep of dental resin-composites. *Dental Materials*, **2012**, 28, 1171-82	5.7	22
215	Simultaneous determination of polymerization shrinkage, exotherm and thermal expansion coefficient for dental resin-composites. *Dental Materials*, **2012**, 28, 1240-9	5.7	28
214	Nanomechanical properties of dental resin-composites. *Dental Materials*, **2012**, 28, 1292-300	5.7	84
213	Microtomographic evaluation of the bone-cell interactions with a silorane-based composite. *Microscopy Research and Technique*, **2012**, 75, 1176-84	2.8	2
212	Creep of experimental short fiber-reinforced composite resin. *Dental Materials Journal*, **2012**, 31, 737-41	2.5	12
211	Degradation resistance of silorane, experimental ormocer and dimethacrylate resin-based dental composites. *Journal of Oral Science*, **2011**, 53, 413-9	1.5	39
210	Porosity and color of maxillofacial silicone elastomer. *Journal of Prosthodontics*, **2011**, 20, 60-6	3.9	17
209	Effects of bond primers on bending strength and bonding of glass fibers in fiber-embedded maxillofacial silicone prostheses. *Journal of Prosthodontics*, **2011**, 20, 113-9	3.9	10

208	Effect of extraoral aging conditions on mechanical properties of maxillofacial silicone elastomer. *Journal of Prosthodontics*, **2011**, 20, 439-46	3.9	27
207	Surface integrity of solvent-challenged ormocer-matrix composite. *Dental Materials*, **2011**, 27, 173-9	5.7	18
206	Diffusion and concurrent solubility of self-adhering and new resin-matrix composites during water sorption/desorption cycles. *Dental Materials*, **2011**, 27, 197-205	5.7	73
205	Hygroscopic dimensional changes of self-adhering and new resin-matrix composites during water sorption/desorption cycles. *Dental Materials*, **2011**, 27, 259-66	5.7	88
204	Numerical fatigue 3D-FE modeling of indirect composite-restored posterior teeth. *Dental Materials*, **2011**, 27, 423-30	5.7	41
203	3D-FE analysis of soft liner-acrylic interfaces under shear loading. *Dental Materials*, **2011**, 27, 445-54	5.7	6
202	Setting kinetics and shrinkage of self-adhesive resin cements depend on cure-mode and temperature. *Dental Materials*, **2011**, 27, 544-51	5.7	29
201	Network structures of Bis-GMA/TEGDMA resins differ in DC, shrinkage-strain, hardness and optical properties as a function of reducing agent. *Dental Materials*, **2011**, 27, 497-506	5.7	34
200	Experimental and FE shear-bonding strength at core/veneer interfaces in bilayered ceramics. *Dental Materials*, **2011**, 27, 590-7	5.7	46
199	A method for assessing force/work parameters for stickiness of unset resin-composites. *Dental Materials*, **2011**, 27, 805-10	5.7	14
198	Microleakage after thermocycling of cemented crowns--a meta-analysis. *Dental Materials*, **2011**, 27, 855-69	5.7	26
197	Acids with an equivalent taste lead to different erosion of human dental enamel. *Dental Materials*, **2011**, 27, 1017-23	5.7	21
196	Mechanical behavior of post-restored upper canine teeth: a 3D FE analysis. *Dental Materials*, **2011**, 27, 1285-94	5.7	30
195	Effect of net fiber reinforcement surface treatment on soft denture liner retention and longevity. *Journal of Prosthodontics*, **2010**, 19, 258-62	3.9	15
194	Effects of accelerated artificial daylight aging on bending strength and bonding of glass fibers in fiber-embedded maxillofacial silicone prostheses. *Journal of Prosthodontics*, **2010**, 19, 357-63	3.9	10
193	Effect of extraoral aging conditions on color stability of maxillofacial silicone elastomer. *Journal of Prosthodontics*, **2010**, 19, 536-43	3.9	35
192	Endodontists experience using ultrasonics for removal of intra-canal fractured instruments. *International Endodontic Journal*, **2010**, 43, 301-5	5.4	7
191	Vertical fracture resistance of roots after ultrasonic removal of fractured instruments. *International Endodontic Journal*, **2010**, 43, 424-9	5.4	26

190	A laboratory evaluation of the physical and mechanical properties of selected root canal sealers. *International Endodontic Journal*, **2010**, 43, 882-8	5.4	13
189	Effect of retained fractured instruments on tooth resistance to vertical fracture with or without attempt at removal. *International Endodontic Journal*, **2010**, 43, 1047-53	5.4	10
188	Maxillofacial prosthetic rehabilitation in the UK: a survey of maxillofacial prosthetistsSand technologistsSattitudes and opinions. *International Journal of Oral and Maxillofacial Surgery*, **2010**, 39, 1186-92	2.9	42
187	Mechanical properties and bonding of maxillofacial silicone elastomers. *Dental Materials*, **2010**, 26, 185-91	5.7	43
186	Evaluation of critical size defects of mouse calvarial bone: An organ culture study. *Microscopy Research and Technique*, **2010**, 73, 540-7	2.8	13
185	Stickiness of dental resin composite materials to steel, dentin and bonded dentin. *Dental Materials*, **2010**, 26, 59-66	5.7	16
184	Bonding of maxillofacial silicone elastomers to an acrylic substrate. *Dental Materials*, **2010**, 26, 387-95	5.7	27
183	Physical properties of dual-cured luting-agents correlated to early no interfacial-gap incidence with composite inlay restorations. *Dental Materials*, **2010**, 26, 608-15	5.7	15
182	Microhardess and depth of cure of a spectrum of light-cure composite resins: a comparative study. *Nigerian postgraduate medical journal, The*, **2010**, 17, 277-82	1.2	
181	Cytotoxic effects of dental bonding substances as a function of degree of conversion. *Dental Materials*, **2009**, 25, 232-9	5.7	43
180	Cytotoxicity of four categories of dental cements. *Dental Materials*, **2009**, 25, 360-8	5.7	61
179	Measurement of the full-field polymerization shrinkage and depth of cure of dental composites using digital image correlation. *Dental Materials*, **2009**, 25, 582-8	5.7	54
178	Spatial and cure-time distribution of dynamic-mechanical properties of a dimethacrylate nano-composite. *Dental Materials*, **2009**, 25, 411-8	5.7	22
177	Sequential software processing of micro-XCT dental-images for 3D-FE analysis. *Dental Materials*, **2009**, 25, e47-55	5.7	46
176	Multiple correlations of material parameters of light-cured dental composites. *Dental Materials*, **2009**, 25, 829-36	5.7	56
175	Polymerization shrinkage kinetics of dimethacrylate resin-cements. *Dental Materials*, **2009**, 25, 1058-66	5.7	67
174	Effects of monomer ratios and highly radiopaque fillers on degree of conversion and shrinkage-strain of dental resin composites. *Dental Materials*, **2009**, 25, 1411-8	5.7	122
173	Effect of filler particle size and morphology on force/work parameters for stickiness of unset resin-composites. *Dental Materials*, **2009**, 25, 1585-92	5.7	25

172	Effect of resin-composite filler particle size and shape on shrinkage-strain. *Dental Materials*, **2009**, 25, 1612-5	5.7	51
171	Bonding of a Silorane-Based Composite System to Bone. *Advanced Engineering Materials*, **2009**, 11, B204-B208	3.5	6
170	In vitro pulp chamber temperature rise from irradiation and exotherm of flowable composites. *International Journal of Paediatric Dentistry*, **2009**, 19, 48-54	3.1	39
169	Delayed polishing technique on glass ionomer restorations. *Japanese Dental Science Review*, **2009**, 45, 14-22	6.8	1
168	A microcomputed tomography scanning study of root canal space: changes after the ultrasonic removal of fractured files. *Journal of Endodontics*, **2009**, 35, 125-8	4.7	29
167	Efficiency of a newly designed ultrasonic unit and tips in reducing temperature rise on root surface during the removal of fractured files. *Journal of Endodontics*, **2009**, 35, 896-9	4.7	15
166	Edge strength of indirect restorative materials. *Journal of Dentistry*, **2009**, 37, 799-806	4.8	24
165	Bond-Disruptive Stresses Generated by Resin Composite Polymerization in Dental Cavities. *Journal of Adhesion Science and Technology*, **2009**, 23, 1023-1042	2	9
164	Effect of nanofillers size on surface properties after toothbrush abrasion. *American Journal of Dentistry*, **2009**, 22, 60-4	1.3	36
163	Is a "flexible" glass fiber-bundle dowel system as retentive as a "rigid" quartz fiber dowel system?. *Journal of Prosthodontics*, **2008**, 17, 532-7	3.9	4
162	Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intracanal fracture of endodontic instruments: part 1. *International Endodontic Journal*, **2008**, 41, 693-701	5.4	32
161	In-depth hardness profiles of stainless steel and Ni-Ti endodontic instrument cross-sections by nano-indentation. *International Endodontic Journal*, **2008**, 41, 747-54	5.4	3
160	A survey on the experience of UK endodontists and general dental practitioners in the management of intra-canal fractured endodontic files. *International Endodontic Journal*, **2008**, 41, 816-816	5.4	3
159	Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intra-canal fracture of endodontic instruments. Part 2. *International Endodontic Journal*, **2008**, 41, 1079-87	5.4	27
158	Changes of surface texture of enamel in vivo. *Journal of Oral Rehabilitation*, **2008**, 24, 449-453	3.4	
157	A fiber-reinforced composite prosthesis restoring a lateral midfacial defect: a clinical report. *Journal of Prosthetic Dentistry*, **2008**, 100, 348-52	4	49
156	Polymerization shrinkage of experimental short glass fiber-reinforced composite with semi-inter penetrating polymer network matrix. *Dental Materials*, **2008**, 24, 211-5	5.7	71
155	Edge strength of resin-composite margins. *Dental Materials*, **2008**, 24, 129-33	5.7	37

154	Effect of nanofiller fractions and temperature on polymerization shrinkage on glass fiber reinforced filling material. *Dental Materials*, **2008**, 24, 606-10	5.7	26
153	Quantitative determination of radio-opacity: equivalence of digital and film X-ray systems. *Dental Materials*, **2008**, 24, 141-7	5.7	35
152	Axial shrinkage-stress depends upon both C-factor and composite mass. *Dental Materials*, **2008**, 24, 1-8	5.7	92
151	Cytotoxicity of metal ions to human oligodendroglial cells and human gingival fibroblasts assessed by mitochondrial dehydrogenase activity. *Dental Materials*, **2008**, 24, 281-7	5.7	56
150	Correlation of filler content and elastic properties of resin-composites. *Dental Materials*, **2008**, 24, 932-9	5.7	127
149	Initial versus final fracture of metal-free crowns, analyzed via acoustic emission. *Dental Materials*, **2008**, 24, 1289-95	5.7	45
148	Factors affecting temperature rise on the external root surface during ultrasonic retrieval of intracanal separated files. *Journal of Endodontics*, **2008**, 34, 1089-92	4.7	24
147	Colour-stability and gloss-retention of silorane and dimethacrylate composites with accelerated aging. *Journal of Dentistry*, **2008**, 36, 945-52	4.8	57
146	Edge-strength of flowable resin-composites. *Journal of Dentistry*, **2008**, 36, 63-8	4.8	28
145	Factors contributing to the separation of endodontic files. *British Dental Journal*, **2008**, 204, 241-5	1.2	23
144	Class I gap-formation in highly-viscous glass-ionomer restorations: delayed vs immediate polishing. *Operative Dentistry*, **2008**, 33, 196-202	2.9	11
143	Degree of conversion of bis-acrylic based provisional crown and fixed partial denture materials. *The Journal of Korean Academy of Prosthodontics*, **2008**, 46, 639	0.2	10
142	Effect of filler size and shape on local nanoindentation modulus of resin-composites. *Journal of Materials Science: Materials in Medicine*, **2008**, 19, 3561-6	4.5	41
141	Time-dependence of coronal seal of temporary materials used in endodontics. *Australian Endodontic Journal*, **2008**, 34, 89-93	1.7	23
140	Fibre reinforcement enhances bonding of soft lining to acrylic dental and maxillofacial prostheses. *European journal of prosthodontics and restorative dentistry, The*, **2008**, 16, 116-21	0.9	7
139	Radiopacity evaluation of Bis-GMA/TEGDMA/opaque mineral filler dental composites. *Journal of Applied Polymer Science*, **2007**, 104, 1632-1639	2.9	24
138	Time-dependent visco-elastic creep and recovery of flowable composites. *European Journal of Oral Sciences*, **2007**, 115, 517-21	2.3	42
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