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List of Publications by Year
in descending order

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48 papers	2,988 citations	201575 27 h-index	223716 46 g-index
49 all docs	49 docs citations	49 times ranked	2410 citing authors

#	Article	IF	Citations
1	Characterisation of deformed or separated nickel-titanium retreatment instruments after clinical use - A multicentre experience. Journal of Dentistry, 2022, 117, 103939.	1.7	5
2	Fracture Toughness, Flexural Strength, and Flexural Modulus of New CAD/CAM Resin Composite Blocks. Journal of Prosthodontics, 2020, 29, 34-41.	1.7	34
3	Shear bond strength vs interfacial fracture toughness â€" Adherence to CAD/CAM blocks. Dental Materials, 2019, 35, 1769-1775.	1.6	17
4	â€œCADâ€onâ€•Interfaces â€“ Fracture Mechanics Characterization. Journal of Prosthodontics, 2019, 28, 982-987.	1.7	6
5	Interfacial Fracture Toughness of Adhesive Resin Cementâ€"Lithiumâ€Disilicate/Resinâ€Composite Blocks. Journal of Prosthodontics, 2019, 28, e243-e251.	1.7	10
6	Marginal Fit of Lithium Disilicate Crowns Fabricated Using Conventional and Digital Methodology: A Threeâ€Dimensional Analysis. Journal of Prosthodontics, 2018, 27, 145-152.	1.7	28
7	Letter to the Editor, â€œDentin Bonding Testing Using a Mini-interfacial Fracture Toughness Approachâ€• Journal of Dental Research, 2016, 95, 953-953.	2.5	4
8	Fracture toughness of two lithium disilicate dental glass ceramics. Journal of Prosthetic Dentistry, 2016, 116, 591-596.	1.1	61
9	A Comprehensive Study of Osteogenic Calcium Phosphate Silicate Cement: Material Characterization and In Vitro/In Vivo Testing. Advanced Healthcare Materials, 2016, 5, 457-466.	3.9	25
10	Optimum pressure for the high-pressure polymerization of urethane dimethacrylate. Dental Materials, 2015, 31, 406-412.	1.6	21
11	Assessment of the Internal Fit of Lithium Disilicate Crowns Using Microâ€CT. Journal of Prosthodontics, 2015, 24, 381-386.	1.7	51
12	Cyclic Fatigue of ProFile Vortex and Vortex Blue Nickel-Titanium Files in Single and Double Curvatures. Journal of Endodontics, 2015, 41, 1686-1690.	1.4	55
13	HPLC Analysis of Monomer Release from Conventionally and High Temperature High-Pressure Polymerised Urethane Dimethacrylate Intended for Biomedical Applications. Journal of Chromatography & Separation Techniques, 2014, 05, .	0.2	3
14	Randomization in clinical trials: stratification or minimization? The HERMES free simulation software. Clinical Oral Investigations, 2014, 18, 25-34.	1.4	9
15	High-temperature high-pressure polymerized urethane dimethacrylateâ€"Mechanical properties and monomer release. Dental Materials, 2014, 30, 350-356.	1.6	65
16	Resin-composite Blocks for Dental CAD/CAM Applications. Journal of Dental Research, 2014, 93, 1232-1234.	2.5	353
17	Effect of Water Storage on the Flexural Strength of Four Self-etching Adhesive Resin Cements and on the Dentin-titanium Shear Bond Strength Mediated by Them. Operative Dentistry, 2014, 39, E171-E177.	0.6	6
18	High-temperature-pressure Polymerized Resin-infiltrated Ceramic Networks. Journal of Dental Research, 2014, 93, 62-67.	2.5	95

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19	A comparison of the marginal fit of crowns fabricated with digital and conventional methods. Journal of Prosthetic Dentistry, 2014, 112, 555-560.	1.1	224
20	Dynamic mechanical analysis of high pressure polymerized urethane dimethacrylate. Dental Materials, 2014, 30, 728-734.	1.6	16
21	In vitro studies of calcium phosphate silicate bone cements. Journal of Materials Science: Materials in Medicine, 2013, 24, 355-364.	1.7	27
22	Properties of experimental urethane dimethacrylate-based dental resin composite blocks obtained via thermo-polymerization under high pressure. Dental Materials, 2013, 29, 535-541.	1.6	67
23	Resin composite blocks via high-pressure high-temperature polymerization. Dental Materials, 2012, 28, 529-534.	1.6	195
24	Raman Spectroscopy Evaluation of Subsurface Hydrothermal Degradation of Zirconia. Journal of the American Ceramic Society, 2012, 95, 2347-2351.	1.9	15
25	Three-dimensional Numeric Simulation of Root Canal Irrigant Flow with Different Irrigation Needles. Journal of Endodontics, 2010, 36, 884-889.	1.4	88
26	Antibacterial Activity of Endodontic Sealers by Modified Direct Contact Test Against Enterococcus faecalis. Journal of Endodontics, 2009, 35, 1051-1055.	1.4	290
27	Development and Validation of a Three-dimensional Computational Fluid Dynamics Model of Root Canal Irrigation. Journal of Endodontics, 2009, 35, 1282-1287.	1.4	96
28	Propagation of erroneous data for the modulus of elasticity of periodontal ligament and gutta percha in FEM/FEA papers: A story of broken links. Dental Materials, 2008, 24, 1717-1719.	1.6	66
29	Changes in Occlusal Contact Area during Oral Appliance Therapy Assessed on Study Models. Angle Orthodontist, 2008, 78, 866-872.	1.1	46
30	Visualising complex morphology of fatigue cracks in voxel based 3D datasets. Materials Science and Technology, 2006, 22, 1038-1044.	0.8	9
31	Bond strengths of nine current dentine adhesive systems to primary and permanent teeth. Journal of Oral Rehabilitation, 2005, 32, 296-303.	1.3	38
32	Fracture toughness of human dentin. Journal of Biomedical Materials Research Part B, 2003, 66A, 507-512.	3.0	75
33	Fatigue crack propagation path across the dentinoenamel junction complex in human teeth. Journal of Biomedical Materials Research Part B, 2003, 66A, 103-109.	3.0	61
34	Dental Materials: Fracture Mechanics. , 2002, , 1-8.		0
35	Apical root strain as a function of post extension into a composite resin core. Journal of Prosthetic Dentistry, 1996, 75, 499-505.	1.1	2
36	Novel fracture toughness test using a notchless triangular prism (NTP) specimen. , 1996, 31, 457-463.		58

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37	In vitro fatigue testing of a dental bonding system on enamel. Journal of Biomedical Materials Research Part B, 1995, 29, 411-415.	3.0	44
38	In vitro changes in clips and bars used to retain implant overdentures. Journal of Prosthetic Dentistry, 1995, 74, 482-486.	1.1	36
39	Adhesion of a resin composite to bleached and unbleached human enamel. Journal of Endodontics, 1993, 19, 112-115.	1.4	120
40	The Effect of Carbamide-Peroxide Gel on the Shear Bond Strength of a Microfil Resin to Bovine Enamel. Journal of Dental Research, 1992, 71, 20-24.	2.5	136
41	Leaching of hydrogen peroxide from bleached bovine enamel. Journal of Endodontics, 1992, 18, 488-491.	1.4	26
42	Adhesion to Bovine Dentin-Surface Characterization. Journal of Dental Research, 1991, 70, 1002-1008.	2.5	58
43	Preliminary Surface Analysis of Etched, Bleached, and Normal Bovine Enamel. Journal of Dental Research, 1990, 69, 1610-1613.	2.5	78
44	Surface Characteristics of Hydroxy apatite and Adhesive Bonding. I. Surface Characterization. Journal of Adhesion, 1987, 22, 291-312.	1.8	7
45	Acidity of glass ionomer cements during setting and its relation to pulp sensitivity. Journal of the American Dental Association, 1986, 112, 654-657.	0.7	101
46	Oxy and thio phosphorus acid derivatives of tin. 1. Triorganotin(IV) dithiophosphate esters. Inorganic Chemistry, 1980, 19, 1662-1670.	1.9	90
47	Oxy and thio phosphorus acid derivatives of tin. 4. Diorganotin(IV) bis(dithiophosphate) esters. Inorganic Chemistry, 1980, 19, 2861-2868.	1.9	54
48	Metal-Organic Derivatives of Organo-Thiophosphorus Acids. I. Tri- and Diphenyllead Phosphorodithioates. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1975, 5, 103-114.	1.8	11