

Pekka K Vallittu

List of Publications by Year in descending order

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212
papers

7,447
citations

61984

43
h-index

76900

74
g-index

216
all docs

216
docs citations

216
times ranked

5631
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of endodontic chelating solutions on the bond strength of endodontic sealers. Brazilian Oral Research, 2015, 29, 1-6.	1.4	526
2	Flexural properties of acrylic resin polymers reinforced with unidirectional and woven glass fibers. Journal of Prosthetic Dentistry, 1999, 81, 318-326.	2.8	366
3	Resin-bonded, glass fiber-reinforced composite fixed partial dentures: A clinical study. Journal of Prosthetic Dentistry, 2000, 84, 413-418.	2.8	216
4	Physical properties and depth of cure of a new short fiber reinforced composite. Dental Materials, 2013, 29, 835-841.	3.5	213
5	Effect of fiber position and orientation on fracture load of fiber-reinforced composite. Dental Materials, 2004, 20, 947-955.	3.5	205
6	High-aspect ratio fillers: Fiber-reinforced composites and their anisotropic properties. Dental Materials, 2015, 31, 1-7.	3.5	171
7	Outcomes of Cranioplasty with Synthetic Materials and Autologous Bone Grafts. World Neurosurgery, 2015, 83, 708-714.	1.3	154
8	Effect of polymerization temperature and time on the residual monomer content of denture base polymers. European Journal of Oral Sciences, 1998, 106, 588-593.	1.5	150
9	Optical properties and light irradiance of monolithic zirconia at variable thicknesses. Dental Materials, 2015, 31, 1180-1187.	3.5	146
10	Acrylic resin-fiber composite—part I: The effect of fiber concentration on fracture resistance. Journal of Prosthetic Dentistry, 1994, 71, 607-612.	2.8	133
11	Bioactive dental materials—Do they exist and what does bioactivity mean?. Dental Materials, 2018, 34, 693-694.	3.5	126
12	Survival rates of resin-bonded, glass fiber—reinforced composite fixed partial dentures with a mean follow-up of 42 months: A pilot study. Journal of Prosthetic Dentistry, 2004, 91, 241-246.	2.8	124
13	The effect of fiber orientation on the thermal expansion coefficients of fiber-reinforced composites. Dental Materials, 2003, 19, 471-477.	3.5	112
14	Polymerization shrinkage of experimental short glass fiber-reinforced composite with semi-interpenetrating polymer network matrix. Dental Materials, 2008, 24, 211-215.	3.5	91
15	Interpenetrating Polymer Networks (IPNs) in Dental Polymers and Composites. Journal of Adhesion Science and Technology, 2009, 23, 961-972.	2.6	90
16	Acrylic resin-fiber composite—part II: The effect of polymerization shrinkage of polymethyl methacrylate applied to fiber roving on transverse strength. Journal of Prosthetic Dentistry, 1994, 71, 613-617.	2.8	83
17	Characterization of fluoride releasing restorative dental materials. Dental Materials Journal, 2018, 37, 293-300.	1.8	83
18	Influence of increment thickness on light transmission, degree of conversion and micro hardness of bulk fill composites. Odontology / the Society of the Nippon Dental University, 2016, 104, 291-297.	1.9	82

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19	Fiber glassâ€bioactive glass composite for bone replacing and bone anchoring implants. Dental Materials, 2015, 31, 371-381.	3.5	79
20	Does artificial aging affect mechanical properties of CAD/CAM composite materials. Journal of Prosthodontic Research, 2018, 62, 65-74.	2.8	76
21	The effect of high fiber fraction on some mechanical properties of unidirectional glass fiber-reinforced composite. Dental Materials, 2011, 27, 313-321.	3.5	75
22	Short fiberâ€reinforced composite restorations: A review of the current literature. Journal of Investigative and Clinical Dentistry, 2018, 9, e12330.	1.8	74
23	Mechanical properties and fracture behavior of flowable fiber reinforced composite restorations. Dental Materials, 2018, 34, 598-606.	3.5	72
24	Factors affecting the mechanical behavior of Y-TZP. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 37, 78-87.	3.1	70
25	Mechanical and structural characterization of discontinuous fiber-reinforced dental resin composite. Journal of Dentistry, 2016, 52, 70-78.	4.1	70
26	Reconstruction of critical size calvarial bone defects in rabbits with glassâ€fiberâ€reinforced composite with bioactive glass granule coating. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 84B, 510-519.	3.4	67
27	The anisotropy of the flexural properties of an occlusal device material processed by stereolithography. Journal of Prosthetic Dentistry, 2016, 116, 811-817.	2.8	65
28	Mechanical properties, fracture resistance, and fatigue limits of short fiber reinforced dental composite resin. Journal of Prosthetic Dentistry, 2016, 115, 95-102.	2.8	65
29	Bonding polycarbonate brackets to ceramic: Effects of substrate treatment on bond strength. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 126, 220-227.	1.7	57
30	Oxygen inhibition layer of composite resins: effects of layer thickness and surface layer treatment on the interlayer bond strength. European Journal of Oral Sciences, 2015, 123, 53-60.	1.5	57
31	High volume individual fibre post versus low volume fibre post: The fracture load of the restored tooth. Journal of Dentistry, 2011, 39, 65-71.	4.1	55
32	Degree of conversion of dual-polymerizing cements light polymerized through monolithic zirconia of different thicknesses and types. Journal of Prosthetic Dentistry, 2015, 114, 103-108.	2.8	55
33	Evaluation of the mechanical properties and degree of conversion of 3D printed splint material. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104254.	3.1	53
34	Bioactive glass-containing cranial implants: an overview. Journal of Materials Science, 2017, 52, 8772-8784.	3.7	52
35	Orthodontics: Bracket Materials, Adhesives Systems, and Their Bond Strength. BioMed Research International, 2016, 2016, 1-3.	1.9	51
36	Evaluation of polymerization shrinkage and hydroscopic expansion of fiber-reinforced biocomposites using optical fiber Bragg grating sensors. Dental Materials, 2008, 24, 1720-1727.	3.5	50

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37	Preparation of antibacterial and radio-opaque dental resin with new polymerizable quaternary ammonium monomer. <i>Dental Materials</i> , 2015, 31, 575-582.	3.5	50
38	Preliminary fabrication and characterization of electron beam melted Ti-6Al-4V customized dental implant. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 787-796.	3.8	50
39	Effect of random/aligned nylon-6/MWCNT fibers on dental resin composite reinforcement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 48, 134-144.	3.1	49
40	Failure load and stress analysis of orthodontic miniscrews with different transmucosal collar diameter. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 87, 132-137.	3.1	49
41	3D-Printed vs. Heat-Polymerizing and Autopolymerizing Denture Base Acrylic Resins. <i>Materials</i> , 2021, 14, 5781.	2.9	49
42	Characterization of a new fiber-reinforced flowable composite. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 342-352.	1.9	48
43	The span length and cross-sectional design affect values of strength. <i>Dental Materials</i> , 2005, 21, 347-353.	3.5	47
44	Mechanical properties of fiber reinforced restorative composite with two distinguished fiber length distribution. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 331-338.	3.1	47
45	Adherence of <i>Streptococcus mutans</i> to an E-glass fiber-reinforced composite and conventional restorative materials used in prosthetic dentistry. , 2000, 49, 250-256.		46
46	Flexural strengths of fiber-reinforced composites polymerized with conventional light-curing and additional postcuring. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 132, 524-527.	1.7	45
47	Impact of gastric acidic challenge on surface topography and optical properties of monolithic zirconia. <i>Dental Materials</i> , 2015, 31, 1445-1452.	3.5	45
48	The effect of adding a new monomer "Phene" on the polymerization shrinkage reduction of a dental resin composite. <i>Dental Materials</i> , 2019, 35, 627-635.	3.5	45
49	Hollow glass fibers in reinforcing glass ionomer cements. <i>Dental Materials</i> , 2017, 33, e86-e93.	3.5	44
50	Comparison of Repair Methods for Ceramic-Fused-to-Metal Crowns. <i>Journal of Prosthodontics</i> , 2006, 15, 283-288.	3.7	43
51	An overview of development and status of fiber-reinforced composites as dental and medical biomaterials. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2018, 4, 44-55.	4.0	43
52	Fiber-Reinforced Composites for Dental Applications. <i>BioMed Research International</i> , 2018, 2018, 1-2.	1.9	43
53	Force levels of fiber-reinforced composites and orthodontic stainless steel wires: A 3-point bending test. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008, 133, 410-413.	1.7	40
54	A glass fiber-reinforced composite "bioactive glass cranioplasty implant: A case study of an early development stage implant removed due to a late infection. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 55, 191-200.	3.1	39

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55	In vitro cytotoxicity and surface topography evaluation of additive manufacturing titanium implant materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 53.	3.6	39
56	Compositional and Weave Pattern Analyses of Glass Fibers in Dental Polymer Fiber Composites. <i>Journal of Prosthodontics</i> , 1998, 7, 170-176.	3.7	38
57	Fracture resistance and marginal gap formation of post-core restorations: influence of different fiber-reinforced composites. <i>Clinical Oral Investigations</i> , 2020, 24, 265-276.	3.0	38
58	Assessment of CAD-CAM polymers for digitally fabricated complete dentures. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 175-181.	2.8	38
59	Osteoblast proliferation and maturation on bioactive fiber-reinforced composite surface. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 3169-3177.	3.6	37
60	Repair bond strength of restorative resin composite applied to fiber-reinforced composite substrate. <i>Acta Odontologica Scandinavica</i> , 2004, 62, 51-60.	1.6	36
61	Synthesis of antibacterial and radio-opaque dimethacrylate monomers and their potential application in dental resin. <i>Dental Materials</i> , 2014, 30, 968-976.	3.5	35
62	Load bearing capacity of fiber-reinforced and unreinforced composite resin CAD/CAM-fabricated fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , 2013, 109, 88-94.	2.8	34
63	Physical and chemical properties of an antimicrobial Bis-GMA free dental resin with quaternary ammonium dimethacrylate monomer. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 56, 68-76.	3.1	34
64	Bioactive glass particulate filler composite: Effect of coupling of fillers and filler loading on some physical properties. <i>Dental Materials</i> , 2014, 30, 570-577.	3.5	33
65	Experimental Novel Silane System in Adhesion Promotion Between Dental Resin and Pretreated Titanium. <i>Silicon</i> , 2009, 1, 249-254.	3.3	31
66	The effect of refractive index of fillers and polymer matrix on translucency and color matching of dental resin composite. <i>Biomaterial Investigations in Dentistry</i> , 2021, 8, 48-53.	1.8	31
67	Rehabilitation of a periodontal patient with rapidly progressing marginal alveolar bone loss: 1-year follow-up. <i>Journal of Clinical Periodontology</i> , 2000, 27, 615-619.	4.9	30
68	Load bearing capacity of bone anchored fiber-reinforced composite device. <i>Journal of Materials Science: Materials in Medicine</i> , 2007, 18, 2025-2031.	3.6	30
69	Treated Enamel Surface Patterns Associated with Five Orthodontic Adhesive Systems-Surface Morphology and Shear Bond Strength. <i>Dental Materials Journal</i> , 2008, 27, 1-6.	1.8	30
70	Continuous and Short Fiber Reinforced Composite in Root Post-Core System of Severely Damaged Incisors. <i>Open Dentistry Journal</i> , 2009, 3, 36-41.	0.5	30
71	Characterization of restorative short-fiber reinforced dental composites. <i>Dental Materials Journal</i> , 2020, 39, 992-999.	1.8	30
72	Repair of bone segment defects with surface porous fiber-reinforced polymethyl methacrylate (PMMA) composite prosthesis: Histomorphometric incorporation model and characterization by SEM. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 79, 555-564.	3.3	29

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73	Adherence of Streptococcus mutans to Fiber-Reinforced Filling Composite and Conventional Restorative Materials. <i>Open Dentistry Journal</i> , 2009, 3, 227-232.	0.5	29
74	Thermocycling Effects on Resin Bond to Silicatized and Silanized Zirconia. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1043-1051.	2.6	29
75	Fatigue resistance and stiffness of glass fiber-reinforced urethane dimethacrylate composite. <i>Journal of Prosthetic Dentistry</i> , 2004, 91, 158-163.	2.8	28
76	Improvement of Mechanical Properties of Oligomer-modified Acrylic Bone Cement with Glass-fibers. <i>Applied Composite Materials</i> , 2004, 11, 17-31.	2.5	28
77	Three-Dimensional Finite Element Analysis of Anterior Two-Unit Cantilever Resin-Bonded Fixed Dental Prostheses. <i>Scientific World Journal</i> , The, 2015, 2015, 1-10.	2.1	28
78	Are we misusing fiber posts? Guest editorial. <i>Dental Materials</i> , 2016, 32, 125-126.	3.5	28
79	Fatigue behavior of endodontically treated premolars restored with different fiber-reinforced designs. <i>Dental Materials</i> , 2021, 37, 391-402.	3.5	28
80	Fracture Load of Tooth Restored with Fiber Post and Experimental Short Fiber Composite. <i>Open Dentistry Journal</i> , 2011, 5, 58-65.	0.5	28
81	Degree of conversion of a copolymer of an experimental monomer and methyl methacrylate for dental applications. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1908-1912.	2.6	27
82	Physical, mechanical, chemical and thermal properties of nanoscale graphene oxide-poly methylmethacrylate composites. <i>Journal of Composite Materials</i> , 2018, 52, 2803-2813.	2.4	27
83	Effect of 10 years of in vitro aging on the flexural properties of fiber-reinforced resin composites. <i>International Journal of Prosthodontics</i> , 2007, 20, 43-5.	1.7	27
84	Fiber-reinforced composite substructure: Load-bearing capacity of an onlay restoration. <i>Acta Odontologica Scandinavica</i> , 2006, 64, 281-285.	1.6	26
85	Delayed post-curing stage and oxygen inhibition of free-radical polymerization of dimethacrylate resin. <i>Dental Materials</i> , 2018, 34, 1247-1252.	3.5	26
86	Comparative color and surface parameters of current esthetic restorative CAD/CAM materials. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 32.	2.6	26
87	Biomaterial and implant induced ossification: in vitro and in vivo findings. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1157-1168.	2.7	26
88	Fatigue failure load of immature anterior teeth: influence of different fiber post-core systems. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 222-230.	1.9	26
89	Porous SiO ₂ nanofiber grafted novel bioactive glass ceramic coating: A structural scaffold for uniform apatite precipitation and oriented cell proliferation on inert implant. <i>Materials Science and Engineering C</i> , 2016, 62, 206-214.	7.3	25
90	Fracture behavior of Bi-structure fiber-reinforced composite restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103444.	3.1	25

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91	Effect of heat treatment of polymethyl methacrylate powder on mechanical properties of denture base resin. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 39, 73-78.	3.1	24
92	Effects of Nanofillers on Mechanical Properties of Fiber-Reinforced Composites Polymerized with Light-Curing and Additional Postcuring. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015, 13, 296-299.	1.6	24
93	Fiber-reinforced composites in fixed prosthodontics—Quo vadis?. <i>Dental Materials</i> , 2017, 33, 877-879.	3.5	24
94	Travel beyond Clinical Uses of Fiber Reinforced Composites (FRCs) in Dentistry: A Review of Past Employments, Present Applications, and Future Perspectives. <i>BioMed Research International</i> , 2018, 2018, 1-8.	1.9	24
95	Dissolution and mineralization characterization of bioactive glass ceramic containing endodontic sealer Guttaflow Bioseal. <i>Dental Materials Journal</i> , 2018, 37, 988-994.	1.8	24
96	Predictors of primary autograft cranioplasty survival and resorption after craniectomy. <i>Journal of Neurosurgery</i> , 2019, 130, 1672-1679.	1.6	24
97	Patient specific glass fiber reinforced composite versus titanium plate: A comparative biomechanical analysis under cyclic dynamic loading. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 212-219.	3.1	24
98	The effect of polishing protocol on surface gloss of different restorative resin composites. <i>Biomaterial Investigations in Dentistry</i> , 2020, 7, 1-8.	1.8	23
99	Flexural strengths of conventional and nanofilled fiber-reinforced composites: a three-point bending test. <i>Dental Traumatology</i> , 2014, 30, 32-35.	2.0	22
100	Dental Zirconia Adhesion with Silicon Compounds Using Some Experimental and Conventional Surface Conditioning Methods. <i>Silicon</i> , 2009, 1, 199-202.	3.3	21
101	Effects of Different Silane Coupling Agent Monomers on Flexural Strength of an Experimental Filled Resin Composite. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 179-192.	2.6	21
102	Synthesis of dimethacrylates monomers with low polymerization shrinkage and its application in dental composites materials. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	21
103	Effect of Surface Modification on the Bond Strength between Zirconia and Resin Cement. <i>Journal of Prosthodontics</i> , 2013, 22, 529-536.	3.7	21
104	Influence of increment thickness on dentin bond strength and light transmission of composite base materials. <i>Clinical Oral Investigations</i> , 2017, 21, 1717-1724.	3.0	21
105	Static and dynamic mechanical properties of graphene oxide-based bone cementing agents. <i>Journal of Composite Materials</i> , 2019, 53, 2297-2304.	2.4	21
106	Effect of Accelerated Aging on Some Mechanical Properties and Wear of Different Commercial Dental Resin Composites. <i>Materials</i> , 2021, 14, 2769.	2.9	21
107	Effect of solvent/disinfectant ethanol on the micro-surface structure and properties of multiphase denture base polymers. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 54, 1-7.	3.1	20
108	Polymer matrix of fiber-reinforced composites: Changes in the semi-interpenetrating polymer network during the shelf life. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 78, 414-419.	3.1	20

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109	Evaluation and reduction of magnetic resonance imaging artefacts induced by distinct plates for osseous fixation: an <i>in vitro</i> study @ 3ÅT. <i>Dentomaxillofacial Radiology</i> , 2018, 47, 20170361.	2.7	19
110	Framework design and pontics of fiber-reinforced composite fixed dental prostheses – An overview. <i>Journal of Prosthodontic Research</i> , 2018, 62, 281-286.	2.8	19
111	Nano-CT as tool for characterization of dental resin composites. <i>Scientific Reports</i> , 2020, 10, 15520.	3.3	19
112	Fatigue failure of anterior teeth without ferrule restored with individualized fiber-reinforced post-core foundations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 118, 104440.	3.1	19
113	Cranioplasty After Severe Traumatic Brain Injury: Effects of Trauma and Patient Recovery on Cranioplasty Outcome. <i>Frontiers in Neurology</i> , 2018, 9, 223.	2.4	18
114	Mechanical properties and radiopacity of flowable fiber-reinforced composite. <i>Dental Materials Journal</i> , 2019, 38, 196-202.	1.8	18
115	Fiber-reinforced composites in fixed partial dentures. <i>Libyan Journal of Medicine</i> , 2006, 1, 73-82.	1.6	17
116	Influence of primers on the properties of the adhesive interface between resin composite luting cement and fiber-reinforced composite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 88, 281-287.	3.1	17
117	Effect of Long-Term Brushing on Deflection, Maximum Load, and Wear of Stainless Steel Wires and Conventional and Spot Bonded Fiber-Reinforced Composites. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6043.	4.1	17
118	Impact of Fast High-Intensity versus Conventional Light-Curing Protocol on Selected Properties of Dental Composites. <i>Materials</i> , 2021, 14, 1381.	2.9	17
119	Resin-Bonded Fiber-Reinforced Composite for Direct Replacement of Missing Anterior Teeth: A Clinical Report. <i>International Journal of Dentistry</i> , 2011, 2011, 1-5.	1.5	16
120	Blood and fibroblast responses to thermoset BisGMA-TEGDMA/glass fiber-reinforced composite implants <i>in vitro</i> . <i>Clinical Oral Implants Research</i> , 2014, 25, 843-851.	4.5	16
121	Influence of Post-Core and Crown Type on the Fracture Resistance of Incisors Submitted to Quasistatic Loading. <i>Polymers</i> , 2021, 13, 1130.	4.5	16
122	Monomer priming of denture teeth and its effects on the bond strength of composite resin. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 257-266.	2.8	15
123	Bending Properties of Fiber-Reinforced Composites Retainers Bonded with Spot-Composite Coverage. <i>BioMed Research International</i> , 2017, 2017, 1-6.	1.9	15
124	Effect of discontinuous glass fibers on mechanical properties of glass ionomer cement. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2018, 4, 72-80.	4.0	15
125	Direct bilayered biomimetic composite restoration: The effect of a cusp-supporting short fiber-reinforced base design on the chewing fracture resistance and failure mode of molars with or without endodontic treatment. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 103, 103554.	3.1	15
126	Fiber-reinforced composite fixed dental prostheses with various pontics. <i>Journal of Adhesive Dentistry</i> , 2014, 16, 161-8.	0.5	15

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127	The Effect of Exposed Glass Fibers and Particles of Bioactive Glass on the Surface Wettability of Composite Implants. <i>International Journal of Biomaterials</i> , 2011, 2011, 1-11.	2.4	14
128	Penetration depth of monomer systems into acrylic resin denture teeth used as pontics. <i>Journal of Prosthetic Dentistry</i> , 2015, 113, 480-487.	2.8	14
129	Reinforcing effect of discontinuous microglass fibers on resin-modified glass ionomer cement. <i>Dental Materials Journal</i> , 2018, 37, 484-492.	1.8	14
130	Intensity of artefacts in cone beam CT examinations caused by titanium and glass fibre-reinforced composite implants. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20170471.	2.7	14
131	Biomechanical aspects of reinforced implant overdentures: A systematic review. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 202-211.	3.1	14
132	The influence of resin composite with high fiber aspect ratio on fracture resistance of severely damaged bovine incisors. <i>Dental Materials Journal</i> , 2020, 39, 381-388.	1.8	14
133	The effect of cycling deflection on the injection-molded thermoplastic denture base resins. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 67-72.	1.6	13
134	Effect of cellulose nanofiber content on flexural properties of a model, thermoplastic, injection-molded, polymethyl methacrylate denture base material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103513.	3.1	13
135	Effect of Fiber Reinforcement Type on the Performance of Large Posterior Restorations: A Review of In Vitro Studies. <i>Polymers</i> , 2021, 13, 3682.	4.5	13
136	Fracture resistance of endodontically restored, weakened incisors. <i>Dental Traumatology</i> , 2014, 30, 348-355.	2.0	12
137	Reinforcing Effect of Glass Fiberâ€”incorporated ProRoot MTA and Biodentine as Intraorifice Barriers. <i>Journal of Endodontics</i> , 2016, 42, 1673-1676.	3.1	12
138	Characterization of the mechanical properties of CAD/CAM polymers for interim fixed restorations. <i>Dental Materials Journal</i> , 2020, 39, 319-325.	1.8	12
139	Bonding of BisGMAâ€”TEGDMA-Resin to Bulk Poly(Paraphenylene) Based Rigid Rod Polymer. <i>Composite Interfaces</i> , 2011, 18, 387-398.	2.3	11
140	In vitro blood and fibroblast responses to BisGMAâ€”TEGDMA/bioactive glass composite implants. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 151-162.	3.6	11
141	Shear Bond Strength between Fiberâ€”Reinforced Composite and Veneering Resin Composites with Various Adhesive Resin Systems. <i>Journal of Prosthodontics</i> , 2016, 25, 392-401.	3.7	11
142	Comparative evaluation between glass and polyethylene fiber reinforced composites: A review of the current literature. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	1.2	11
143	Bilayered composite restoration: the effect of layer thickness on fracture behavior. <i>Biomaterial Investigations in Dentistry</i> , 2020, 7, 80-85.	1.8	11
144	Universal Adhesive for Fixed Retainer Bonding: In Vitro Evaluation and Randomized Clinical Trial. <i>Materials</i> , 2021, 14, 1341.	2.9	11

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145	Incorporation of cellulose fiber in glass ionomer cement. <i>European Journal of Oral Sciences</i> , 2020, 128, 81-88.	1.5	11
146	Fatigue performance of endodontically treated premolars restored with direct and indirect cuspal coverage restorations utilizing fiber-reinforced cores. <i>Clinical Oral Investigations</i> , 2022, 26, 3501-3513.	3.0	11
147	Fatigue performance of endodontically treated molars restored with different dentin replacement materials. <i>Dental Materials</i> , 2022, 38, e83-e93.	3.5	11
148	Evaluation of bis-GMA/MMA Resin Adhesion to Silica-Coated and Silanized Titanium. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 991-1006.	2.6	10
149	Spot-Bonding and Full-Bonding Techniques for Fiber Reinforced Composite (FRC) and Metallic Retainers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2096.	4.1	10
150	Bonding interface affects the load-bearing capacity of bilayered composites. <i>Dental Materials Journal</i> , 2019, 38, 1002-1011.	1.8	10
151	Development of nano-porous hydroxyapatite coated e-glass for potential bone-tissue engineering application: An in vitro approach. <i>Materials Science and Engineering C</i> , 2020, 111, 110764.	7.3	10
152	Bond Strength of Composite Resin Luting Cements to Fiber-reinforced Composite Root Canal Post. <i>Journal of Contemporary Dental Practice</i> , 2007, 8, 17-24.	0.5	10
153	Bioactive glass surface for fiber reinforced composite implants via surface etching by Excimer laser. <i>Medical Engineering and Physics</i> , 2016, 38, 664-670.	1.7	9
154	Load-Bearing Capacity and Fracture Behavior of Glass Fiber-Reinforced Composite Cranioplasty Implants. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, e356-e361.	1.6	9
155	Behaviour of different bioactive glasses incorporated in polydimethylsiloxane endodontic sealer. <i>Dental Materials</i> , 2021, 37, 321-327.	3.5	9
156	Structural and elemental characterization of glass and ceramic particles for bone surgery. <i>Dental Materials</i> , 2021, 37, 1350-1357.	3.5	9
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