

# Pekka K Vallittu

## 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.

201  
papers

5,359  
citations

37  
h-index

64  
g-index

216  
ext. papers

6,343  
ext. citations

3.3  
avg, IF

6.34  
L-index

#	Paper	IF	Citations
201	The Effect of Ultraviolet Treatment on TiO <sub>2</sub> Nanotubes: A Study of Surface Characteristics, Bacterial Adhesion, and Gingival Fibroblast Response. <i>Metals</i> , <b>2022</b> , 12, 80	2.3	1
200	Fatigue performance of endodontically treated molars restored with different dentin replacement materials.. <i>Dental Materials</i> , <b>2022</b> ,	5.7	2
199	Fatigue performance of endodontically treated premolars restored with direct and indirect cuspal coverage restorations utilizing fiber-reinforced cores. <i>Clinical Oral Investigations</i> , <b>2021</b> , 26, 3501	4.2	2
198	3D-Printed vs. Heat-Polymerizing and Autopolymerizing Denture Base Acrylic Resins. <i>Materials</i> , <b>2021</b> , 14,	3.5	5
197	Effect of Fiber Reinforcement Type on the Performance of Large Posterior Restorations: A Review of In Vitro Studies. <i>Polymers</i> , <b>2021</b> , 13,	4.5	3
196	Midline denture base strains of glass fiber-reinforced single implant-supported overdentures. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 126, 407-412	4	2
195	Fatigue behavior of endodontically treated premolars restored with different fiber-reinforced designs. <i>Dental Materials</i> , <b>2021</b> , 37, 391-402	5.7	9
194	Universal Adhesive for Fixed Retainer Bonding: In Vitro Evaluation and Randomized Clinical Trial. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
193	Impact of Fast High-Intensity versus Conventional Light-Curing Protocol on Selected Properties of Dental Composites. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
192	Influence of Post-Core and Crown Type on the Fracture Resistance of Incisors Submitted to Quasistatic Loading. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
191	Effect of Accelerated Aging on Some Mechanical Properties and Wear of Different Commercial Dental Resin Composites. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
190	Enhancing Toughness and Reducing Volumetric Shrinkage for Bis-GMA/TEGDMA Resin Systems by Using Hyperbranched Thiol Oligomer HMDI-6SH. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
189	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> , <b>2021</b> , 118, 104440	4.1	9
188	Temporomandibular joint and Giant Panda (Ailuropoda melanoleuca) adaptation to bamboo diet. <i>Scientific Reports</i> , <b>2021</b> , 11, 14252	4.9	0
187	Shear-bond strength and optical properties of short fiber-reinforced CAD/CAM composite blocks. <i>European Journal of Oral Sciences</i> , <b>2021</b> , 129, e12815	2.3	2
186	Fatigue failure load of immature anterior teeth: influence of different fiber post-core systems. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2021</b> , 109, 222-230	3.6	12
185	Assessment of CAD-CAM polymers for digitally fabricated complete dentures. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 125, 175-181	4	17

184	Evaluation of the mechanical properties and degree of conversion of 3D printed splint material. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2021</b> , 115, 104254	4.1	18
183	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> , <b>2021</b> , 8, 48-53	2	4
182	Behaviour of different bioactive glasses incorporated in polydimethylsiloxane endodontic sealer. <i>Dental Materials</i> , <b>2021</b> , 37, 321-327	5.7	1
181	Effect of Interpenetrating Polymer Network (IPN) Thermoplastic Resin on Flexural Strength of Fibre-Reinforced Composite and the Penetration of Bonding Resin into Semi-IPN FRC Post. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
180	Structural and elemental characterization of glass and ceramic particles for bone surgery. <i>Dental Materials</i> , <b>2021</b> , 37, 1350-1357	5.7	1
179	The influence of FRC base and bonded CAD/CAM resin composite endocrowns on fatigue behavior of cracked endodontically-treated molars. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2021</b> , 121, 104647	4.1	1
178	Effect of potassium hydrogen difluoride in zirconia-to-resin bonding. <i>Dental Materials Journal</i> , <b>2021</b> , 40, 245-252	2.5	0
177	Physicochemical properties of dimethacrylate resin composites with comonomer of Hexa/Tri-ethylene glycol bis(carbamate-isopropyl-methylstyrene). <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2020</b> , 108, 103832	4.1	5
176	Biomaterial and implant induced ossification: in vitro and in vivo findings. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 14, 1157-1168	4.4	9
175	Surface dissolution and transesterification of thermoset dimethacrylate polymer by dimethacrylate adhesive resin and organic catalyst-alcohol solution. <i>Dental Materials</i> , <b>2020</b> , 36, 698-709	5.7	2
174	The effect of polishing protocol on surface gloss of different restorative resin composites. <i>Biomaterial Investigations in Dentistry</i> , <b>2020</b> , 7, 1-8	2	5
173	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> , <b>2020</b> , 111, 110764	8.3	5
172	Incorporation of cellulose fiber in glass ionomer cement. <i>European Journal of Oral Sciences</i> , <b>2020</b> , 128, 81-88	2.3	4
171	Scanning electron microscopy assessment of the load-bearing capacity of cad/cam-fabricated molar crowns. <i>Brazilian Oral Research</i> , <b>2020</b> , 34, e035	2.6	
170	Characterization of restorative short-fiber reinforced dental composites. <i>Dental Materials Journal</i> , <b>2020</b> , 39, 992-999	2.5	9
169	Dual-curing resin cement with colour indicator for adhesively cemented restorations to dental tissues: Change of colour by curing and some physical properties. <i>Saudi Journal of Biological Sciences</i> , <b>2020</b> , 27, 395-400	4	1
168	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> , <b>2020</b> , 102, 103513	4.1	9
167	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> , <b>2020</b> , 103, 103554	4.1	7

166	Enhancing Mechanical Properties of Glass Ionomer Cements with Basalt Fibers. <i>Silicon</i> , <b>2020</b> , 12, 1975-1983	2.5	3
165	Characterization of the mechanical properties of CAD/CAM polymers for interim fixed restorations. <i>Dental Materials Journal</i> , <b>2020</b> , 39, 319-325	2.5	7
164	The influence of resin composite with high fiber aspect ratio on fracture resistance of severely damaged bovine incisors. <i>Dental Materials Journal</i> , <b>2020</b> , 39, 381-388	2.5	4
163	Bilayered composite restoration: the effect of layer thickness on fracture behavior. <i>Biomaterial Investigations in Dentistry</i> , <b>2020</b> , 7, 80-85	2	4
162	Nano-CT as tool for characterization of dental resin composites. <i>Scientific Reports</i> , <b>2020</b> , 10, 15520	4.9	8
161	Fracture resistance and marginal gap formation of post-core restorations: influence of different fiber-reinforced composites. <i>Clinical Oral Investigations</i> , <b>2020</b> , 24, 265-276	4.2	22
160	Fracture behavior of Bi-structure fiber-reinforced composite restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2020</b> , 101, 103444	4.1	11
159	A large calvarial bone defect in a child: osteointegration of an implant. <i>World Neurosurgery</i> , <b>2019</b> , 124, 282-282	2.1	6
158	Static and dynamic mechanical properties of graphene oxide-based bone cementing agents. <i>Journal of Composite Materials</i> , <b>2019</b> , 53, 2297-2304	2.7	14
157	The effect of ethanol on surface of semi-interpenetrating polymer network (IPN) polymer matrix of glass-fibre reinforced composite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 98, 1-10	4.1	7
156	Effect of interface surface design on the fracture behavior of bilayered composites. <i>European Journal of Oral Sciences</i> , <b>2019</b> , 127, 276-284	2.3	3
155	Resin adjustment of three-dimensional printed thermoset occlusal splints: Bonding properties - Short communication. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 95, 215-219	4.1	4
154	Biostable glass fibre-reinforced dimethacrylate-based composites as potential candidates for fracture fixation plates in toy-breed dogs: Mechanical testing and finite element analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 96, 172-185	4.1	4
153	The effect of adding a new monomer "Phene" on the polymerization shrinkage reduction of a dental resin composite. <i>Dental Materials</i> , <b>2019</b> , 35, 627-635	5.7	27
152	Intensity of artefacts in cone beam CT examinations caused by titanium and glass fibre-reinforced composite implants. <i>Dentomaxillofacial Radiology</i> , <b>2019</b> , 48, 20170471	3.9	9
151	Three-dimensional printing of zirconia: characterization of early stage material properties. <i>Biomaterial Investigations in Dentistry</i> , <b>2019</b> , 6, 23-31	2	0
150	Bonding interface affects the load-bearing capacity of bilayered composites. <i>Dental Materials Journal</i> , <b>2019</b> , 38, 1002-1011	2.5	5
149	Priming and bonding metal, ceramic and polycarbonate brackets. <i>Biomaterial Investigations in Dentistry</i> , <b>2019</b> , 6, 61-72	2	3

148	Scattering of therapeutic radiation in the presence of craniofacial bone reconstruction materials. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 119-126	2.3	2
147	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> , <b>2019</b> , 20,	6.3	13
146	Biomechanical aspects of reinforced implant overdentures: A systematic review. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2019</b> , 91, 202-211	4.1	7
145	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> , <b>2019</b> , 91, 212-219	4.1	13
144	Mechanical properties and radiopacity of flowable fiber-reinforced composite. <i>Dental Materials Journal</i> , <b>2019</b> , 38, 196-202	2.5	10
143	Effect of phytic acid on the setting times and tensile strengths of calcium silicate-based cements. <i>Australian Endodontic Journal</i> , <b>2019</b> , 45, 241-245	1.7	4
142	Characterization of a new fiber-reinforced flowable composite. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2019</b> , 107, 342-352	3.6	24
141	Short fiber-reinforced composite restorations: A review of the current literature. <i>Journal of Investigative and Clinical Dentistry</i> , <b>2018</b> , 9, e12330	2.3	40
140	Two-step vs. one-step conditioning systems and adhesive interface of glass ceramic surface and resin systems. <i>Journal of Adhesion Science and Technology</i> , <b>2018</b> , 32, 1952-1963	2	3
139	Physical, mechanical, chemical and thermal properties of nanoscale graphene oxide-poly methylmethacrylate composites. <i>Journal of Composite Materials</i> , <b>2018</b> , 52, 2803-2813	2.7	21
138	Mechanical properties and fracture behavior of flowable fiber reinforced composite restorations. <i>Dental Materials</i> , <b>2018</b> , 34, 598-606	5.7	39
137	An overview of development and status of fiber-reinforced composites as dental and medical biomaterials. <i>Acta Biomaterialia Odontologica Scandinavica</i> , <b>2018</b> , 4, 44-55	4	21
136	Reinforcing effect of discontinuous microglass fibers on resin-modified glass ionomer cement. <i>Dental Materials Journal</i> , <b>2018</b> , 37, 484-492	2.5	6
135	Does artificial aging affect mechanical properties of CAD/CAM composite materials. <i>Journal of Prosthodontic Research</i> , <b>2018</b> , 62, 65-74	4.3	40
134	Flexural and torsional properties of a glass fiber-reinforced composite diaphyseal bone model with multidirectional fiber orientation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2018</b> , 87, 143-147	4.1	6
133	Failure load and stress analysis of orthodontic miniscrews with different transmucosal collar diameter. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2018</b> , 87, 132-137	4.1	27
132	Cranioplasty After Severe Traumatic Brain Injury: Effects of Trauma and Patient Recovery on Cranioplasty Outcome. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 223	4.1	14
131	Delayed post-curing stage and oxygen inhibition of free-radical polymerization of dimethacrylate resin. <i>Dental Materials</i> , <b>2018</b> , 34, 1247-1252	5.7	16

130	Framework design and pontics of fiber-reinforced composite fixed dental prostheses - An overview. <i>Journal of Prosthodontic Research</i> , <b>2018</b> , 62, 281-286	4.3	11
129	Comparative color and surface parameters of current esthetic restorative CAD/CAM materials. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 32-42	2.2	10
128	Fiber-Reinforced Composites for Implant Applications. <i>Current Oral Health Reports</i> , <b>2018</b> , 5, 194-201	1.2	4
127	Characterization of fluoride releasing restorative dental materials. <i>Dental Materials Journal</i> , <b>2018</b> , 37, 293-300	2.5	40
126	Comparison of Load-Bearing Capacities of 3-Unit Fiber-Reinforced Composite Adhesive Bridges with Different Framework Designs. <i>Medical Science Monitor</i> , <b>2018</b> , 24, 4440-4448	3.2	3
125	Effect of discontinuous glass fibers on mechanical properties of glass ionomer cement. <i>Acta Biomaterialia Odontologica Scandinavica</i> , <b>2018</b> , 4, 72-80	4	12
124	Physicochemical properties of discontinuous S2-glass fiber reinforced resin composite. <i>Dental Materials Journal</i> , <b>2018</b> , 37, 95-103	2.5	3
123	Predictors of primary autograft cranioplasty survival and resorption after craniectomy. <i>Journal of Neurosurgery</i> , <b>2018</b> , 1-8	3.2	18
122	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> , <b>2018</b> , 78, 414-419	4.1	12
121	The effect of smear layer removal on E. faecalis leakage and bond strength of four resin-based root canal sealers. <i>BMC Oral Health</i> , <b>2018</b> , 18, 213	3.7	3
120	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> , <b>2018</b> , 2018, 1498901	3	6
119	From body-on-frame to unibody constructions and designs mimicking biological structures - an overview. <i>European Journal of Oral Sciences</i> , <b>2018</b> , 126 Suppl 1, 95-101	2.3	4
118	Dissolution and mineralization characterization of bioactive glass ceramic containing endodontic sealer Guttaflow Bioseal. <i>Dental Materials Journal</i> , <b>2018</b> , 37, 988-994	2.5	10
117	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> , <b>2018</b> , 88, 281-287	4.1	11
116	Evaluation and reduction of magnetic resonance imaging artefacts induced by distinct plates for osseous fixation: an in vitro study @ 3T. <i>Dentomaxillofacial Radiology</i> , <b>2018</b> , 47, 20170361	3.9	11
115	Preliminary fabrication and characterization of electron beam melted Ti-6Al-4V customized dental implant. <i>Saudi Journal of Biological Sciences</i> , <b>2017</b> , 24, 787-796	4	33
114	In vitro cytotoxicity and surface topography evaluation of additive manufacturing titanium implant materials. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2017</b> , 28, 53	4.5	22
113	Bioactive glass-containing cranial implants: an overview. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 8772-8784	4.3	33

112	Preparation and characterization of high radio-opaque E-glass fiber-reinforced composite with iodine containing methacrylate monomer. <i>Dental Materials</i> , <b>2017</b> , 33, 218-225	5.7	7
111	Bending Properties of Fiber-Reinforced Composites Retainers Bonded with Spot-Composite Coverage. <i>BioMed Research International</i> , <b>2017</b> , 2017, 8469090	3	10
110	Comparative evaluation between glass and polyethylene fiber reinforced composites: A review of the current literature. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2017</b> , 9, e1408-e1417	1.4	5
109	Load-bearing capacity and fracture behavior of glass fiber-reinforced composite cranioplasty implants. <i>Journal of Applied Biomaterials and Functional Materials</i> , <b>2017</b> , 15, e356-e361	1.8	9
108	Hydroxyapatite and bioactive glass surfaces for fiber reinforced composite implants via surface ablation by Excimer laser. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 75, 89-96	4.1	3
107	Hollow glass fibers in reinforcing glass ionomer cements. <i>Dental Materials</i> , <b>2017</b> , 33, e86-e93	5.7	27
106	Bond strength of fiber posts and short fiber-reinforced composite to root canal dentin following cyclic loading** Presented as poster presentation at the 20th UAE International Dental Conference & Arab Dental Exhibition in Dubai, United Arab Emirates, on February 24, 2016.View all notes. <i>Journal of Adhesion Science and Technology</i> , <b>2017</b> , 31, 1397-1407	2	2
105	Influence of increment thickness on dentin bond strength and light transmission of composite base materials. <i>Clinical Oral Investigations</i> , <b>2017</b> , 21, 1717-1724	4.2	15
104	Spot-Bonding and Full-Bonding Techniques for Fiber Reinforced Composite (FRC) and Metallic Retainers. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	4
103	Mechanical properties, fracture resistance, and fatigue limits of short fiber reinforced dental composite resin. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 95-102	4	48
102	The effect of cycling deflection on the injection-molded thermoplastic denture base resins. <i>Acta Odontologica Scandinavica</i> , <b>2016</b> , 74, 67-72	2.2	9
101	Bioactive glass surface for fiber reinforced composite implants via surface etching by Excimer laser. <i>Medical Engineering and Physics</i> , <b>2016</b> , 38, 664-670	2.4	8
100	Reinforcing Effect of Glass Fiber-incorporated ProRoot MTA and Biodentine as Intraorifice Barriers. <i>Journal of Endodontics</i> , <b>2016</b> , 42, 1673-1676	4.7	6
99	Shear Bond Strength between Fiber-Reinforced Composite and Veneering Resin Composites with Various Adhesive Resin Systems. <i>Journal of Prosthodontics</i> , <b>2016</b> , 25, 392-401	3.9	8
98	The anisotropicity of the flexural properties of an occlusal device material processed by stereolithography. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 811-817	4	36
97	Porous SiO <sub>2</sub> 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> , <b>2016</b> , 62, 206-14	8.3	23
96	Mechanical properties of fiber reinforced restorative composite with two distinguished fiber length distribution. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2016</b> , 60, 331-338	4.1	34
95	Influence of increment thickness on light transmission, degree of conversion and micro hardness of bulk fill composites. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2016</b> , 104, 291-7	3.6	51

94	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> , <b>2016</b> , 56, 68-76	4.1	24
93	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> , <b>2016</b> , 54, 1-7	4.1	11
92	Influence of tooth brushing on adhesion strength of orthodontic brackets bonded to porcelain. <i>Bio-Medical Materials and Engineering</i> , <b>2016</b> , 27, 365-374	1	3
91	Mechanical and structural characterization of discontinuous fiber-reinforced dental resin composite. <i>Journal of Dentistry</i> , <b>2016</b> , 52, 70-8	4.8	51
90	In vitro assessment of the soft tissue/implant interface using porcine gingival explants. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2015</b> , 26, 5385	4.5	4
89	Optical properties and light irradiance of monolithic zirconia at variable thicknesses. <i>Dental Materials</i> , <b>2015</b> , 31, 1180-7	5.7	103
88	Penetration depth of monomer systems into acrylic resin denture teeth used as pontics. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 113, 480-7	4	11
87	Degree of conversion of dual-polymerizing cements light polymerized through monolithic zirconia of different thicknesses and types. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 103-8	4	43
86	Effect of random/aligned nylon-6/MWCNT fibers on dental resin composite reinforcement. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2015</b> , 48, 134-144	4.1	36
85	Outcomes of cranioplasty with synthetic materials and autologous bone grafts. <i>World Neurosurgery</i> , <b>2015</b> , 83, 708-14	2.1	127
84	Impact of gastric acidic challenge on surface topography and optical properties of monolithic zirconia. <i>Dental Materials</i> , <b>2015</b> , 31, 1445-52	5.7	33
83	Shear bond strength between alumina substrate and prosthodontic resin composites with various adhesive resin systems. <i>BMC Oral Health</i> , <b>2015</b> , 15, 55	3.7	3
82	Oxygen inhibition layer of composite resins: effects of layer thickness and surface layer treatment on the interlayer bond strength. <i>European Journal of Oral Sciences</i> , <b>2015</b> , 123, 53-60	2.3	41
81	High-aspect ratio fillers: fiber-reinforced composites and their anisotropic properties. <i>Dental Materials</i> , <b>2015</b> , 31, 1-7	5.7	109
80	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> , <b>2015</b> , 55, 191-200	4.1	28
79	Hierarchically Designed Bioactive Glassy Nanocoatings for the Growth of Faster and Uniformly Dense Apatite. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 2428-2437	3.8	7
78	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> , <b>2015</b> , 13, e296-9	1.8	22
77	Three-dimensional finite element analysis of anterior two-unit cantilever resin-bonded fixed dental prostheses. <i>Scientific World Journal, The</i> , <b>2015</b> , 2015, 864389	2.2	15



76	Preparation of antibacterial and radio-opaque dental resin with new polymerizable quaternary ammonium monomer. <i>Dental Materials</i> , <b>2015</b> , 31, 575-82	5.7	41
75	Effect of endodontic chelating solutions on the bond strength of endodontic sealers. <i>Brazilian Oral Research</i> , <b>2015</b> , 29,	2.6	496
74	Fiber glass-bioactive glass composite for bone replacing and bone anchoring implants. <i>Dental Materials</i> , <b>2015</b> , 31, 371-81	5.7	60
73	Fracture resistance of endodontically restored, weakened incisors. <i>Dental Traumatology</i> , <b>2014</b> , 30, 348-355	4.5	8
72	Factors affecting the mechanical behavior of Y-TZP. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2014</b> , 37, 78-87	4.1	51
71	Synthesis of antibacterial and radio-opaque dimethacrylate monomers and their potential application in dental resin. <i>Dental Materials</i> , <b>2014</b> , 30, 968-76	5.7	28
70	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> , <b>2014</b> , 39, 73-8	4.1	11
69	Bioactive glass particulate filler composite: Effect of coupling of fillers and filler loading on some physical properties. <i>Dental Materials</i> , <b>2014</b> , 30, 570-7	5.7	27
68	Monomer priming of denture teeth and its effects on the bond strength of composite resin. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 257-66	4	14
67	Influence of intermediate resin on the bond strength of light-curing composite resin to polymer substrate. <i>Acta Odontologica Scandinavica</i> , <b>2014</b> , 72, 202-8	2.2	4
66	Blood and fibroblast responses to thermoset BisGMA-TEGDMA/glass fiber-reinforced composite implants in vitro. <i>Clinical Oral Implants Research</i> , <b>2014</b> , 25, 843-51	4.8	10
65	Flexural strengths of conventional and nanofilled fiber-reinforced composites: a three-point bending test. <i>Dental Traumatology</i> , <b>2014</b> , 30, 32-5	4.5	19
64	In vitro blood and fibroblast responses to BisGMA-TEGDMA/bioactive glass composite implants. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 151-62	4.5	8
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