Jothi M Varghese

List of Publications by Year
in descending order

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328 papers	6,584 citations	76294 40 h-index	118793 62 g-index
332 all docs	332 docs citations	332 times ranked	4526 citing authors

#	Article	IF	Citations
1	Effect of adhesive system, resin cement, heat-pressing technique, and thermomechanical aging on the adhesion between titanium base and a high-performance polymer. Journal of Prosthetic Dentistry, 2024, 131, 468-474.	1.1	3
2	A novel treatment modality for myogenous temporomandibular disorders using aromatherapy massage with lavender oil: A randomized controlled clinical trial. Cranio - Journal of Craniomandibular Practice, 2023, 41, 48-58.	0.6	4
3	Trueness and precision of complete-arch photogrammetry implant scanning assessed with a coordinate-measuring machine. Journal of Prosthetic Dentistry, 2023, 129, 160-165.	1.1	23
4	Artificial intelligence models for tooth-supported fixed and removable prosthodontics: A systematic review. Journal of Prosthetic Dentistry, 2023, 129, 276-292.	1.1	32
5	Effect of additional reference objects on accuracy of five intraoral scanners in partially and completely edentulous jaws: An inÂvitro study. Journal of Prosthetic Dentistry, 2023, 130, 111-118.	1.1	9
6	Effect of femtosecond laser and sllica-coating on zirconia framework-veneering ceramic bonding, surface chemistry and crystallographic changes. Journal of Adhesion Science and Technology, 2023, 37, 1059-1070.	1.4	4
7	Clinical performance of direct composite resin versus indirect restorations on endodontically treated posterior teeth: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2023, 130, 295-306.	1.1	11
8	Evaluation of multimode adhesion promoters with functional monomers without and with silica-coating for resin composite repair. Journal of Adhesion Science and Technology, 2023, 37, 1485-1500.	1.4	2
9	Which surface treatment promotes higher bond strength for the repair of resin nanoceramics and polymer-infiltrated ceramics? A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2022, 128, 139-149.	1.1	14
10	Influence of postpolymerization methods and artificial aging procedures on the fracture resistance and flexural strength of a vat-polymerized interim dental material. Journal of Prosthetic Dentistry, 2022, 128, 1085-1093.	1.1	22
11	Clinical evaluation of monolithic zirconia multiunit posterior fixed dental prostheses. Journal of Prosthetic Dentistry, 2022, 128, 1258-1264.	1.1	4
12	Accuracy of a patient 3-dimensional virtual representation obtained from the superimposition of facial and intraoral scans guided by extraoral and intraoral scan body systems. Journal of Prosthetic Dentistry, 2022, 128, 984-993.	1.1	19
13	Artificial intelligence applications in restorative dentistry: A systematic review. Journal of Prosthetic Dentistry, 2022, 128, 867-875.	1.1	28
14	Can enamel etching with the Er:YAG laser be an alternative to the conventional phosphoric acid for bracket bonding? A systematic review and meta-analysis. Journal of Adhesion Science and Technology, 2022, 36, 685-700.	1.4	1
15	Adhesion of veneering porcelain to cobalt-chromium dental alloys processed with casting, milling, and additive manufacturing methods: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2022, 128, 575-588.	1.1	15
16	Evaluation of tensile strength of different esthetic coping materials to Ti-base and monolithic zirconia crowns. Journal of Adhesion Science and Technology, 2022, 36, 895-904.	1.4	1
17	Can the type of preheated resin composite influence the microtensile bond strength of ceramic restoration to human dentin?. Journal of Adhesion Science and Technology, 2022, 36, 1557-1571.	1.4	2
18	Response to the letter to the editor â€œComments on â€˜Artificial intelligence applications in restorative dentistry: A systematic reviewâ€™â€• Journal of Prosthetic Dentistry, 2022, 127, 197-198.	1.1	1

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19	Effect of tooth brush abrasion on the color, gloss and surface roughness of internally and externally stained monolithic ceramic materials. Journal of Prosthodontic Research, 2022, 66, 303-311.	1.1	3
20	Surface modification of glass fiber-reinforcedÂcompositeÂposts to enhance their bond strength to resin-matrix cements: an integrative review. Clinical Oral Investigations, 2022, 26, 95-107.	1.4	16
21	Does Resin Cement Type and Cement Preheating Influence the Marginal and Internal Fit of Lithium Disilicate Single Crowns?. Materials, 2022, 15, 424.	1.3	4
22	Rehabilitation of severely-destructed endodontically treated premolar teeth with novel endocrown system: Biomechanical behavior assessment through 3D finite element and in vitro analyses. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 126, 105031.	1.5	8
23	Surface modification of zirconia dental implants by laser texturing. Lasers in Medical Science, 2022, 37, 77-93.	1.0	21
24	Chemical Composition and Flexural Strength Discrepancies Between Milled and Lithographyâ€Based Additively Manufactured Zirconia. Journal of Prosthodontics, 2022, 31, 778-783.	1.7	19
25	Randomized Trial of Feasibility and Preliminary Effectiveness of PerioTabsÂ® on Periodontal Diseases. Applied Sciences (Switzerland), 2022, 12, 1677.	1.3	0
26	Does cad software affect the marginal and internal fit of milled full ceramic crowns?. Brazilian Oral Research, 2022, 36, e042.	0.6	1
27	Cytotoxicity of Acrylic Resins, Particulate Filler Composite Resin and Thermoplastic Material in Artificial Saliva with and without Melatonin. Materials, 2022, 15, 1457.	1.3	6
28	3D-Printed HA-Based Scaffolds for Bone Regeneration: Microporosity, Osteoconduction and Osteoclastic Resorption. Materials, 2022, 15, 1433.	1.3	15
29	Graphene for Zirconia and Titanium Composites in Dental Implants: Significance and Predictions. Current Oral Health Reports, 2022, 9, 66-74.	0.5	3
30	Additive Manufacturing Technologies for Fabrication of Biomaterials for Surgical Procedures in Dentistry: A Narrative Review. Journal of Prosthodontics, 2022, 31, 105-135.	1.7	4
31	A Comparative Study on Simulated Chairside Grinding and Polishing of Monolithic Zirconia. Materials, 2022, 15, 2202.	1.3	6
32	Adhesion of Different Resin Cements to Zirconia: Effect of Incremental versus Bulk Build Up, Use of Mould and Ageing. Materials, 2022, 15, 2186.	1.3	2
33	Mechanical stability of fully personalized, abutment-free zirconia implant crowns on a novel implant-crown interface. Journal of Dentistry, 2022, 121, 104121.	1.7	3
34	Analysis of the residual monomer content in milled and 3D-printed removable CAD-CAM complete dentures: an in vitro study. Journal of Dentistry, 2022, 120, 104094.	1.7	8
35	Micro-Computed Tomographic Assessment of Microcrack Formation before and after Instrumentation of Curved Root Canals with Neoniti Rotary Files. Materials, 2022, 15, 3002.	1.3	4
36	Effect of repeated millings on the surface integrity of diamond burs and roughness of different CAD/CAM materials. Clinical Oral Investigations, 2022, 26, 5325-5337.	1.4	3

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37	A Comparison of Microtensile Bond Strength, Film Thickness, and Microhardness of Photo-Polymerized Luting Composites. Materials, 2022, 15, 3050.	1.3	2
38	Stress Distribution on Various Implant-Retained Bar Overdentures. Materials, 2022, 15, 3248.	1.3	4
39	Intelligent modeling and optimization of titanium surface etching for dental implant application. Scientific Reports, 2022, 12, 7184.	1.6	3
40	Side effects of sodium lauryl sulfate applied in toothpastes: A scoping review.. American Journal of Dentistry, 2022, 35, 84-88.	0.1	0
41	Impact of the ambient light illuminance conditions on the shade matching capabilities of an intraoral scanner. Journal of Esthetic and Restorative Dentistry, 2021, 33, 906-912.	1.8	15
42	Effect of surface finishing and polishing procedures on color properties and translucency of monolithic zirconia restorations at varying thickness. Journal of Esthetic and Restorative Dentistry, 2021, 33, 953-963.	1.8	14
43	Chemical Composition, Knoop Hardness, Surface Roughness, and Adhesion Aspects of Additively Manufactured Dental Interim Materials. Journal of Prosthodontics, 2021, 30, 698-705.	1.7	24
44	Influence of printing angulation on the surface roughness of additive manufactured clear silicone indices: An inÂvitro study. Journal of Prosthetic Dentistry, 2021, 125, 462-468.	1.1	19
45	Calcium silicate cement interface with restorative materials through layering after different time intervals. Odontology / the Society of the Nippon Dental University, 2021, 109, 210-221.	0.9	3
46	Workflow of a fiber-reinforced composite fixed dental prosthesis by using a 4-piece additive manufactured silicone index: A dental technique. Journal of Prosthetic Dentistry, 2021, 125, 569-575.	1.1	14
47	Comparison of conventional, photogrammetry, and intraoral scanning accuracy of complete-arch implant impression procedures evaluated with a coordinate measuring machine. Journal of Prosthetic Dentistry, 2021, 125, 470-478.	1.1	66
48	Influence of scan body design on accuracy of the implant position as transferred to a virtual definitive implant cast. Journal of Prosthetic Dentistry, 2021, 125, 918-923.	1.1	18
49	How to improve bond stability to eroded dentin: a comprehensive review. Journal of Adhesion Science and Technology, 2021, 35, 1015-1034.	1.4	5
50	Prospective clinical evaluation of 765 partial glass-ceramic posterior restorations luted using photo-polymerized resin composite in conjunction with immediate dentin sealing. Clinical Oral Investigations, 2021, 25, 1463-1473.	1.4	18
51	Effect of fluorescent and nonfluorescent glaze pastes on lithium disilicate pressed ceramic color at different thicknesses. Journal of Prosthetic Dentistry, 2021, 125, 932-939.	1.1	9
52	Dentin/composite bond strength: effect of aging and experimental unit. Journal of Adhesion Science and Technology, 2021, 35, 536-546.	1.4	8
53	Comparison of two curing protocols during adhesive cementation: can the step luting technique supersede the traditional one?. Odontology / the Society of the Nippon Dental University, 2021, 109, 433-439.	0.9	4
54	Flexure strength of methacrylate- and ormocer-based bulk fill resin composites: effect of material thickness and distance to photo-polymerization device. Journal of Adhesion Science and Technology, 2021, 35, 547-558.	1.4	4

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55	Effect of laser irradiation on the adhesion of resin-based materials to zirconia: a systematic review and meta-analysis. Journal of Adhesion Science and Technology, 2021, 35, 1035-1056.	1.4	5
56	Periodontal phenotype: A review of historical and current classifications evaluating different methods and characteristics. Journal of Esthetic and Restorative Dentistry, 2021, 33, 432-445.	1.8	38
57	CAD/CAM Complete Denture Resins: An In Vitro Evaluation of Color Stability. Journal of Prosthodontics, 2021, 30, 430-439.	1.7	50
58	The number of specimens in a furnace affects the biaxial flexural strength of veneered zirconia specimens after sintering. Journal of Adhesion Science and Technology, 2021, 35, 663-672.	1.4	0
59	Thermal, structural and morphological characterization of dental polymers for clinical applications. Journal of Prosthodontic Research, 2021, 65, 176-185.	1.1	10
60	Comparison of repair protocols for veneered zirconia as a function of surface conditioning parameters, ceramic primer types and defect sizes. Journal of Adhesion Science and Technology, 2021, 35, 2110-2123.	1.4	3
61	Effect of different liner techniques and argon plasma treatment of zirconia base on the adhesion and color change of veneering ceramic. Journal of Adhesion Science and Technology, 2021, 35, 1981-1994.	1.4	4
62	ATR-FTIR, EDS and SEM evaluations of enamel structure after treatment with hydrogen peroxide bleaching agents loaded with nano-hydroxyapatite particles. PeerJ, 2021, 9, e10606.	0.9	25
63	Effect of Restorative Material on Mechanical Response of Provisional Endocrowns: A 3Dâ€"FEA Study. Materials, 2021, 14, 649.	1.3	7
64	Micro-shear bond strength of resin composite cement to coronal enamel/dentin, cervical enamel, cementoenamel junction and root cementum with different adhesive systems. Journal of Adhesion Science and Technology, 2021, 35, 2079-2093.	1.4	4
65	Outcome measurements following palatal soft tissue graft harvesting: A review. Journal of Clinical and Experimental Dentistry, 2021, 13, e527-e535.	0.5	5
66	Evaluation of Denture Base Adaptation Fabricated Using Conventional, Subtractive, and Additive Technologies: A Volumetric Microâ€Computed Tomography Analysis. Journal of Prosthodontics, 2021, 30, 257-263.	1.7	9
67	Influence of Hydrofluoric and Nitric Acid Pre-Treatment and Type of Adhesive Cement on Retention of Zirconia Crowns. Materials, 2021, 14, 960.	1.3	7
68	Surface Roughness and Streptococcus mutans Adhesion on Metallic and Ceramic Fixed Prosthodontic Materials after Scaling. Materials, 2021, 14, 1027.	1.3	10
69	Effect of Non-Thermal Atmospheric Plasma on Micro-Tensile Bond Strength at Adhesive/Dentin Interface: A Systematic Review. Materials, 2021, 14, 1026.	1.3	8
70	A simple, green chemistry technology for fabrication of tissue-engineered scaffolds based on mussel-inspired 3D centrifugal spun. Materials Science and Engineering C, 2021, 121, 111849.	3.8	11
71	Does Al₂O₃ airborne particle abrasion improve repair bond strength of universal adhesives to aged and non-aged nanocomposites?. Journal of Adhesion Science and Technology, 2021, 35, 2275-2287.	1.4	8
72	An Intraoral Repair Method for Chipping Fracture of a Multi-unit Fixed Zirconia Reconstruction: A Direct Dental Technique. European Journal of Dentistry, 2021, 15, 174-178.	0.8	7

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73	A sectional precontoured metal matrix to improve the pontic contour and emergence profile for fiber-reinforced composite resin fixed dental prostheses. Journal of Prosthetic Dentistry, 2021, , .	1.1	0
74	Esthetic and functional rehabilitation of worn teeth. Clinical Dentistry Reviewed, 2021, 5, 1.	0.1	0
75	The influence of zirconia veneer thickness on the degree of conversion of resin-matrix cements: an integrative review. Clinical Oral Investigations, 2021, 25, 3395-3408.	1.4	25
76	A review on current additive manufacturing technologies and materials used for fabrication of metal-ceramic fixed dental prosthesis. Journal of Adhesion Science and Technology, 2021, 35, 2529-2546.	1.4	14
77	Effect of surface treatment and glazing in the two-body wear resistance of a hybrid ceramic after polymeric staining application. Journal of Adhesion Science and Technology, 2021, 35, 2625-2635.	1.4	0
78	Materials and Manufacturing Techniques for Polymeric and Ceramic Scaffolds Used in Implant Dentistry. Journal of Composites Science, 2021, 5, 78.	1.4	24
79	Minimum Radiant Exposure and Irradiance for Triggering Adequate Polymerization of a Photo-Polymerized Resin Cement. Materials, 2021, 14, 2341.	1.3	5
80	An integrative review on the toxicity of Bisphenol A (BPA) released from resin composites used in dentistry. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1942-1952.	1.6	32
81	On the synergistic effect of sulfonic functionalization and acidic adhesive conditioning to enhance the adhesion of PEEK to resin-matrix composites. Dental Materials, 2021, 37, 741-754.	1.6	19
82	Flexural strength and Weibull characteristics of stereolithography additive manufactured versus milled zirconia. Journal of Prosthetic Dentistry, 2021, 125, 685-690.	1.1	54
83	Can polylactic acid be a CAD/CAM material for provisional crown restorations in terms of fit and fracture strength?. Dental Materials Journal, 2021, 40, 772-780.	0.8	22
84	Survival of molar teeth in need of complex endodontic treatment: Influence of the endodontic treatment and quality of the restoration. Journal of Dentistry, 2021, 108, 103611.	1.7	5
85	Discrepancy at the implant abutment-prosthesis interface of complete-arch cobalt-chromium implant frameworks fabricated by additive and subtractive technologies before and after ceramic veneering. Journal of Prosthetic Dentistry, 2021, 125, 795-803.	1.1	19
86	Damage of Dental Amalgam andÂResin-Matrix Composite Surfaces After Exposure to Bleaching Agents: An Integrative Review. Journal of Bio- and Tribo-Corrosion, 2021, 7, 1.	1.2	1
87	A Comparative Evaluation of Nanohydroxyapatite-Enriched Hydrogen Peroxide Home Bleaching System on Color, Hardness and Microstructure of Dental Enamel. Materials, 2021, 14, 3072.	1.3	15
88	Degradation of Tooth Occlusal FissureÂand Pit Sealants by Wear and Corrosion Pathways: A Short Review. Journal of Bio- and Tribo-Corrosion, 2021, 7, 1.	1.2	3
89	Effect of photo-polymerization mode on the degree of conversion of resin cement under different ceramic materials. Minerva Dental and Oral Science, 2021, 70, 147-154.	0.5	2
90	Effect of occlusal anatomy of <scp>CAD</scp>/<scp>CAM</scp> feldspathic posterior crowns in the stress concentration and fracture load. Clinical and Experimental Dental Research, 2021, 7, 1190-1196.	0.8	9

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91	Adhesion of Resin-Resin and Resinâ€"Lithium Disilicate Ceramic: A Methodological Assessment. Materials, 2021, 14, 3870.	1.3	3
92	Effect of low-level gallium aluminum arsenide laser therapy on the chewing performance and pain perception of patients with systemic lupus erythematosus: A randomized controlled clinical trial. Cranio - Journal of Craniomandibular Practice, 2021, , 1-10.	0.6	1
93	CAD-CAM complete denture resins: an evaluation of biocompatibility, mechanical properties, and surface characteristics. Journal of Dentistry, 2021, 114, 103785.	1.7	53
94	The resin-matrix cement layer thickness resultant from the intracanal fitting of teeth root canal posts: an integrative review. Clinical Oral Investigations, 2021, 25, 5595-5612.	1.4	22
95	Does Preheating Resin Cements Affect Fracture Resistance of Lithium Disilicate and Zirconia Restorations?. Materials, 2021, 14, 5603.	1.3	6
96	CAD-CAM removable complete dentures: A systematic review and meta-analysis of trueness of fit, biocompatibility, mechanical properties, surface characteristics, color stability, time-cost analysis, clinical and patient-reported outcomes. Journal of Dentistry, 2021, 113, 103777.	1.7	55
97	Biomechanical behavior of endodontically treated premolar teeth restored with novel endocrown system: 3D Finite Element and Weibull analyses. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 124, 104853.	1.5	6
98	Can fiber-reinforced resin composites alone substitute adhesively luted intraradicular post and core materials under static and dynamic loading?. Journal of Adhesion Science and Technology, 2021, 35, 2064-2078.	1.4	2
99	The direct digital workflow in fixed implant prosthodontics: a narrative review. BMC Oral Health, 2021, 21, 37.	0.8	51
100	Does the glaze application on Y-TZP surface improve the bond strength to pressed veneering ceramic?. Journal of Adhesion Science and Technology, 2021, 35, 1459-1471.	1.4	1
101	Risk Factors Associated with Cusp Fractures in Posterior Permanent Teethâ€"A Cross-Sectional Study. Applied Sciences (Switzerland), 2021, 11, 9299.	1.3	6
102	An Assessment of the Influence of Dental Porcelain Slurry Preparation on Flexural Strength of Different Feldspathic Porcelains. Applied Sciences (Switzerland), 2021, 11, 9385.	1.3	2
103	CAD-FEA modeling and fracture resistance of bilayer zirconia crowns manufactured by the rapid layer technology. Brazilian Dental Journal, 2021, 32, 44-55.	0.5	2
104	Evaluation of Two Different Types of Mineral Trioxide Aggregate Cements as Direct Pulp Capping Agents in Human Teeth. Applied Sciences (Switzerland), 2021, 11, 10455.	1.3	3
105	Effect of Simultaneous Sintering of Bioglass to a Zirconia Core on Properties and Bond Strength. Materials, 2021, 14, 7107.	1.3	4
106	Investigations on Structural and Optical Properties of Various Modifier Oxides (MO = ZnO, CdO, BaO,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	18
107	A Simple Technique to Repair Feldspathic Porcelain Chipping in Screw-retained Implant-supported Prosthesis: A Clinical Technique. Journal of Contemporary Dental Practice, 2021, 22, 101-104.	0.2	0
108	Comparison of Silane Heat Treatment by Laser and Various Surface Treatments on Microtensile Bond Strength of Composite Resin/Lithium Disilicate. Materials, 2021, 14, 7808.	1.3	3

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109	Evaluation of mechanical and adhesion properties of glass ionomer cement incorporating nano-sized hydroxyapatite particles. Odontology / the Society of the Nippon Dental University, 2020, 108, 66-73.	0.9	28
110	Effect of self-etching ceramic primer on bond strength of zirconia-reinforced lithium silicate ceramics. Journal of Adhesion Science and Technology, 2020, 34, 91-101.	1.4	8
111	Surface roughness and wear behavior of occlusal splint materials made of contemporary and high-performance polymers. Odontology / the Society of the Nippon Dental University, 2020, 108, 240-250.	0.9	34
112	Factors affecting the translucency of monolithic zirconia ceramics: A review from materials science perspective. Dental Materials Journal, 2020, 39, 1-8.	0.8	43
113	Clinical factors affecting the translucency of monolithic Y-TZP ceramics. Odontology / the Society of the Nippon Dental University, 2020, 108, 526-531.	0.9	13
114	A digital cast-free clinical workflow for oral rehabilitation with removable partial dentures: A dental technique. Journal of Prosthetic Dentistry, 2020, 123, 680-685.	1.1	18
115	An update on applications of 3D printing technologies used for processing polymers used in implant dentistry. Odontology / the Society of the Nippon Dental University, 2020, 108, 331-338.	0.9	70
116	Effect of various polymerization protocols on the cytotoxicity of conventional and self-adhesive resin-based luting cements. Clinical Oral Investigations, 2020, 24, 1161-1170.	1.4	8
117	Digital workflow for an esthetic rehabilitation using a facial and intraoral scanner and an additive manufactured silicone index: A dental technique. Journal of Prosthetic Dentistry, 2020, 123, 564-570.	1.1	59
118	Evaluation of polymerization shrinkage of bulk-fill resin composites using microcomputed tomography. Clinical Oral Investigations, 2020, 24, 1687-1693.	1.4	22
119	Color dimensions of additive manufactured interim restorative dental material. Journal of Prosthetic Dentistry, 2020, 123, 754-760.	1.1	39
120	Intraoral digital scansâ€"Part 1: Influence of ambient scanning light conditions on the accuracy (trueness and precision) of different intraoral scanners. Journal of Prosthetic Dentistry, 2020, 124, 372-378.	1.1	158
121	Bonding to industrial indirect composite blocks: A systematic review and meta-analysis. Dental Materials, 2020, 36, 119-134.	1.6	29
122	Influence of scan body design and digital implant analogs on implant replica position in additively manufactured casts. Journal of Prosthetic Dentistry, 2020, 124, 202-210.	1.1	29
123	Clinical Study of the Influence of Ambient Light Scanning Conditions on the Accuracy (Trueness and) Tj ETQq1 1 0.784314 rgBT /Over	1.7	142
124	Intraoral digital scans: Part 2â€"influence of ambient scanning light conditions on the mesh quality of different intraoral scanners. Journal of Prosthetic Dentistry, 2020, 124, 575-580.	1.1	57
125	Current perspectives on dental adhesion: (3) Adhesion to intraradicular dentin: Concepts and applications. Japanese Dental Science Review, 2020, 56, 216-223.	2.0	16
126	Investigations on Physico-Mechanical and Spectral Studies of Zn2+ Doped P2O5-Based Bioglass System. Journal of Composites Science, 2020, 4, 129.	1.4	8

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127	Resistance to Fracture of Zirconia Abutments with Different Angulations: Impact of Implant Platform Diameter. European Journal of Dentistry, 2020, 14, 517-524.	0.8	7
128	Effect of Surface Treatment and Storage Time on Immediate Repair Bond Strength Durability of Methacrylate- and Ormocer-Based Bulk Fill Resin Composites. Applied Sciences (Switzerland), 2020, 10, 8308.	1.3	1
129	Fracture resistance, failure mode and stress concentration in a modified endocrown design. Biomaterial Investigations in Dentistry, 2020, 7, 110-119.	3.0	11
130	Influence of ZrO2 Addition on Structural and Biological Activity of Phosphate Glasses for Bone Regeneration. Materials, 2020, 13, 4058.	1.3	14
131	Influence of Surface Conditioning on the Repair Strength of Bioactive Restorative Material. Journal of Applied Biomaterials and Functional Materials, 2020, 18, 228080002092661.	0.7	4
132	Influence of nanoclays on water uptake and flexural strength of glassâ€"polyester composites. Journal of Applied Biomaterials and Functional Materials, 2020, 18, 228080002093018.	0.7	4
133	Tensile Strength and Failure Types of Direct and Indirect Resin Composite Copings for Perio-Overdentures Luted Using Different Adhesive Cementation Modalities. Materials, 2020, 13, 3517.	1.3	4
134	Microporosities in 3D-Printed Tricalcium-Phosphate-Based Bone Substitutes Enhance Osteoconduction and Affect Osteoclastic Resorption. International Journal of Molecular Sciences, 2020, 21, 9270.	1.8	14
135	Additive Manufacturing in Dentistry: Current Technologies, Clinical Applications, and Limitations. Current Oral Health Reports, 2020, 7, 327-334.	0.5	15
136	Effect of endodontic access simulation on the fracture strength of lithiumâ€disilicate and resinâ€matrix ceramic <scp>CADâ€CAM</scp> crowns. Journal of Esthetic and Restorative Dentistry, 2020, 32, 472-479.	1.8	7
137	Monomer release from bulk-fill composite resins in different curing protocols. Journal of Oral Science, 2020, 62, 288-292.	0.7	6
138	An 8-year prospective clinical investigation on the survival rate of feldspathic veneers: Influence of occlusal splint in patients with bruxism. Journal of Dentistry, 2020, 99, 103352.	1.7	17
139	Clinical Study of the Influence of Ambient Lighting Conditions on the Mesh Quality of an Intraoral Scanner. Journal of Prosthodontics, 2020, 29, 651-655.	1.7	17
140	Load bearing capacity and Weibull characteristics of inlay-retained resin-bonded fixed dental prosthesis made of all-ceramic, fiber-reinforced composite and metal-ceramic after cyclic loading. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 109, 103855.	1.5	12
141	A Review of the Applications of Additive Manufacturing Technologies Used to Fabricate Metals in Implant Dentistry. Journal of Prosthodontics, 2020, 29, 579-593.	1.7	73
142	Wear analysis and topographical properties of monolithic zirconia and CoCr against human enamel after polishing and glazing procedures. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 105, 103712.	1.5	11
143	Clinical Performance of Partial and Full-Coverage Fixed Dental Restorations Fabricated from Hybrid Polymer and Ceramic CAD/CAM Materials: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2020, 9, 2107.	1.0	22
144	Effects of 16% Carbamide Peroxide Bleaching on the Surface Properties of Glazed Glassy Matrix Ceramics. BioMed Research International, 2020, 2020, 1-7.	0.9	15

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145	Salivary 8-hydroxyguanosine levels in smokers and non-smokers with chronic periodontitis. Odontology / the Society of the Nippon Dental University, 2020, 108, 569-577.	0.9	11
146	How Can Different Polishing Timing Influence Methacrylate and Dimethacrylate Bulk Fill Composites? Evaluation of Chemical and Physical Properties. BioMed Research International, 2020, 2020, 1-8.	0.9	8
147	Additive manufacturing of dental polymers: An overview on processes, materials and applications. Dental Materials Journal, 2020, 39, 345-354.	0.8	80
148	Biaxial flexural strength and Weilbull characteristics of adhesively luted hybrid and reinforced CAD/CAM materials to dentin: effect of self-etching ceramic primer versus hydrofluoric acid etching. Journal of Adhesion Science and Technology, 2020, 34, 1253-1268.	1.4	8
149	Surface characterization and bonding properties of milled polyetheretherketone dental posts. Odontology / the Society of the Nippon Dental University, 2020, 108, 596-606.	0.9	21
150	Evaluation of zirconia and zirconiaâ€reinforced glass ceramic systems fabricated for minimal invasive preparations using a novel standardization method. Journal of Esthetic and Restorative Dentistry, 2020, 32, 560-568.	1.8	22
151	Adhesion to high-performance polymers applied in dentistry: A systematic review. Dental Materials, 2020, 36, e93-e108.	1.6	46
152	Fracture Resistance of Zirconia-Reinforced Lithium Silicate Ceramic Crowns Cemented with Conventional or Adhesive Systems: An In Vitro Study. Materials, 2020, 13, 2012.	1.3	15
153	Effect of ceramic material type on the fracture load of inlay-retained and full-coverage fixed dental prostheses. Biomaterial Investigations in Dentistry, 2020, 7, 62-70.	3.0	1
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