Jothi M Varghese

List of Publications by Year
in descending order

328	6,584	76294	118793
papers	citations	40 h-index	62 g-index

332	332	332	4526
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Additive Manufacturing Technologies Used for Processing Polymers: Current Status and Potential Application in Prosthetic Dentistry. Journal of Prosthodontics, 2019, 28, 146-158.	1.7	278
2	Academy of Dental Materials guidance on in vitro testing of dental composite bonding effectiveness to dentin/enamel using micro-tensile bond strength (Î¼TBS) approach. Dental Materials, 2017, 33, 133-143.	1.6	241
3	Possible hazardous effects of hydrofluoric acid and recommendations for treatment approach: a review. Clinical Oral Investigations, 2012, 16, 15-23.	1.4	168
4	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
5	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
6	A review on chemical composition, mechanical properties, and manufacturing work flow of additively manufactured current polymers for interim dental restorations. Journal of Esthetic and Restorative Dentistry, 2019, 31, 51-57.	1.8	115
7	Fracture strength, failure type and Weibull characteristics of lithium disilicate and multiphase resin composite endocrowns under axial and lateral forces. Dental Materials, 2016, 32, 607-614.	1.6	111
8	A Comparison of the Surface Properties of CAD/CAM and Conventional Polymethylmethacrylate (PMMA). Journal of Prosthodontics, 2019, 28, 452-457.	1.7	103
9	An In Vitro Study of Factors Influencing the Performance of Digital Intraoral Impressions Operating on Active Wavefront Sampling Technology with Multiple Implants in the Edentulous Maxilla. Journal of Prosthodontics, 2017, 26, 650-655.	1.7	101
10	Effect of air-particle abrasion protocols on the biaxial flexural strength, surface characteristics and phase transformation of zirconia after cyclic loading. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 20, 19-28.	1.5	100
11	Loss of surface enamel after bracket debonding: An in-vivo and ex-vivo evaluation. American Journal of Orthodontics and Dentofacial Orthopedics, 2010, 138, 387.e1-387.e9.	0.8	80
12	Additive manufacturing of dental polymers: An overview on processes, materials and applications. Dental Materials Journal, 2020, 39, 345-354.	0.8	80
13	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
14	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
15	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
16	Randomized controlled within-subject evaluation of digital and conventional workflows for the fabrication of lithium disilicate single crowns. Part III: marginal and internal fit. Journal of Prosthetic Dentistry, 2017, 117, 354-362.	1.1	65
17	Fracture strength of implant abutments after fatigue testing: A systematic review and a meta-analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 62, 333-346.	1.5	63
18	Microbial colonization at the implant-abutment interface and its possible influence on periimplantitis: A systematic review and meta-analysis. Journal of Prosthodontic Research, 2017, 61, 233-241.	1.1	62

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19	Fracture load of CAD/CAM-fabricated and 3D-printed composite crowns as a function of material thickness. Clinical Oral Investigations, 2019, 23, 2777-2784.	1.4	62
20	Repair bond strength of microhybrid, nanohybrid and nanofilled resin composites: effect of substrate resin type, surface conditioning and ageing. Clinical Oral Investigations, 2013, 17, 1751-1758.	1.4	61
21	Effects of surface-finishing protocols onÂthe roughness, color change, and translucency of different ceramic systems. Journal of Prosthetic Dentistry, 2014, 112, 314-321.	1.1	61
22	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
23	Additive Manufacturing Technologies Used for 3D Metal Printing in Dentistry. Current Oral Health Reports, 2017, 4, 201-208.	0.5	58
24	Surface roughness of dental implants and treatment time using six different implantoplasty procedures. Clinical Oral Implants Research, 2016, 27, 776-781.	1.9	57
25	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
26	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
27	Flexural strength and Weibull characteristics of stereolithography additive manufactured versus milled zirconia. Journal of Prosthetic Dentistry, 2021, 125, 685-690.	1.1	54
28	Performance of ceramic laminate veneers with immediate dentine sealing: An 11 year prospective clinical trial. Dental Materials, 2019, 35, 1042-1052.	1.6	53
29	CAD-CAM complete denture resins: an evaluation of biocompatibility, mechanical properties, and surface characteristics. Journal of Dentistry, 2021, 114, 103785.	1.7	53
30	A review on potential toxicity of dental material and screening their biocompatibility. Toxicology Mechanisms and Methods, 2019, 29, 368-377.	1.3	51
31	Ultra-thin occlusal veneers bonded to enamel and made of ceramic or hybrid materials exhibit load-bearing capacities not different from conventional restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 90, 433-440.	1.5	51
32	The direct digital workflow in fixed implant prosthodontics: a narrative review. BMC Oral Health, 2021, 21, 37.	0.8	51
33	CAD/CAM Complete Denture Resins: An In Vitro Evaluation of Color Stability. Journal of Prosthodontics, 2021, 30, 430-439.	1.7	50
34	Early bond strength of two resin cements to Y-TZP ceramic using MPS or MPS/4-META silanes. Odontology / the Society of the Nippon Dental University, 2011, 99, 62-67.	0.9	46
35	Effect of Cyclic Fatigue Tests on Aging and Their Translational Implications for Survival of Allâ€Ceramic Toothâ€Borne Single Crowns and Fixed Dental Prostheses. Journal of Prosthodontics, 2018, 27, 364-375.	1.7	46
36	Digital tools and 3D printing technologies integrated into the workflow of restorative treatment: A clinical report. Journal of Prosthetic Dentistry, 2019, 121, 3-8.	1.1	46

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37	Adhesion to high-performance polymers applied in dentistry: A systematic review. Dental Materials, 2020, 36, e93-e108.	1.6	46
38	Association between Oral Mucosal Lesions and Hygiene Habits in a Population of Removable Prosthesis Wearers. Journal of Prosthodontics, 2015, 24, 271-278.	1.7	45
39	Effect of immediate and delayed dentin sealing on the fracture strength, failure type and Weibull characteristics of lithiumdisilicate laminate veneers. Dental Materials, 2016, 32, e73-e81.	1.6	45
40	Effect of luting agent on the load to failure and accelerated-fatigue resistance of lithium disilicate laminate veneers. Dental Materials, 2017, 33, 1392-1401.	1.6	44
41	Influence of silane heat treatment on bond strength of resin cement to a feldspathic ceramic. Dental Materials Journal, 2011, 30, 392-397.	0.8	43
42	Fiber-Reinforced Composites for Dental Applications. BioMed Research International, 2018, 2018, 1-2.	0.9	43
43	Factors affecting the translucency of monolithic zirconia ceramics: A review from materials science perspective. Dental Materials Journal, 2020, 39, 1-8.	0.8	43
44	Effect of polishing instruments and polishing regimens on surface topography and phase transformation of monolithic zirconia: An evaluation with XPS and XRD analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 64, 104-112.	1.5	42
45	Position Accuracy of Implant Analogs on 3D Printed Polymer versus Conventional Dental Stone Casts Measured Using a Coordinate Measuring Machine. Journal of Prosthodontics, 2018, 27, 560-567.	1.7	41
46	Fracture resistance and failure modes of endocrowns manufactured with different CAD/CAM materials under axial and lateral loading. Journal of Esthetic and Restorative Dentistry, 2019, 31, 378-387.	1.8	41
47	Fracture strength of zirconia implant abutments on narrow diameter implants with internal and external implant abutment connections: A study on the titanium resin base concept. Clinical Oral Implants Research, 2018, 29, 411-423.	1.9	40
48	The effect of scanning the palate and scan body position on the accuracy of completeâ€arch implant scans. Clinical Implant Dentistry and Related Research, 2019, 21, 987-994.	1.6	40
49	Color dimensions of additive manufactured interim restorative dental material. Journal of Prosthetic Dentistry, 2020, 123, 754-760.	1.1	39
50	Randomized controlled clinical trial of digital and conventional workflows for the fabrication of zirconia-ceramic fixed partial dentures. Part III: Marginal and internal fit. Journal of Prosthetic Dentistry, 2019, 121, 426-431.	1.1	38
51	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
52	Reparative Dentistry: Possibilities and Limitations. Current Oral Health Reports, 2018, 5, 264-269.	0.5	36
53	Clinical survival of indirect, anterior 3-unit surface-retained fibre-reinforced composite fixed dental prosthesis: Up to 7.5-years follow-up. Journal of Dentistry, 2015, 43, 656-663.	1.7	34
54	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

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55	Adhesion behavior of conventional and highâ€translucent zirconia: Effect of surface conditioning methods and aging using an experimental methodology. Journal of Esthetic and Restorative Dentistry, 2019, 31, 388-397.	1.8	33
56	Adhesion of conventional and simplified resin-based luting cements to superficial and deep dentin. Clinical Oral Investigations, 2012, 16, 1081-1088.	1.4	32
57	Resin-bonded restorations: A strategy for managing anterior tooth loss in adolescence. Journal of Prosthetic Dentistry, 2015, 113, 270-276.	1.1	32
58	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
59	Artificial intelligence models for tooth-supported fixed and removable prosthodontics: A systematic review. Journal of Prosthetic Dentistry, 2023, 129, 276-292.	1.1	32
60	Impression technique for a complete-arch prosthesis with multiple implants using additive manufacturing technologies. Journal of Prosthetic Dentistry, 2017, 117, 714-720.	1.1	31
61	Evaluation of the Accuracy of Conventional and Digital Impression Techniques for Implant Restorations. Journal of Prosthodontics, 2019, 28, e530-e535.	1.7	31
62	Fracture Resistance of Molar Crowns Fabricated with Monolithic Allâ€Ceramic CAD/CAM Materials Cemented on Titanium Abutments: An In Vitro Study. Journal of Prosthodontics, 2017, 26, 309-314.	1.7	29
63	Bonding to industrial indirect composite blocks: A systematic review and meta-analysis. Dental Materials, 2020, 36, 119-134.	1.6	29
64	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
65	Postoperative Pain Intensity after Single- versus Two-visit Nonsurgical Endodontic Retreatment: AÂRandomized Clinical Trial. Journal of Endodontics, 2018, 44, 1339-1346.	1.4	28
66	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
67	Artificial intelligence applications in restorative dentistry: A systematic review. Journal of Prosthetic Dentistry, 2022, 128, 867-875.	1.1	28
68	Load-bearing capacities of ultra-thin occlusal veneers bonded to dentin. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 95, 165-171.	1.5	27
69	Effect of aging conditions on the repair bond strength of a microhybrid and a nanohybrid resin composite. Journal of Adhesive Dentistry, 2010, 12, 451-9.	0.3	27
70	A clinical study on single-visit root canal retreatments on consecutive 173 patients: frequency of periapical complications and clinical success rate. Clinical Oral Investigations, 2017, 21, 1761-1768.	1.4	26
71	Clinical longevity of extensive direct composite restorations in amalgam replacement: Up to 3.5 years follow-up. Journal of Dentistry, 2014, 42, 1404-1410.	1.7	25
72	Bleaching induced tooth sensitivity: do the existing enamel craze lines increase sensitivity? A clinical study. Odontology / the Society of the Nippon Dental University, 2014, 102, 197-202.	0.9	25

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73	Efficacy of Human Chorion Membrane Allograft for Recession Coverage: A Case Series. Journal of Periodontology, 2015, 86, 941-944.	1.7	25
74	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
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	Adhesion concepts in dentistry: tooth and material aspects. Journal of Adhesion Science and Technology, 2012, 26, 2661-2681.	1.4	24
77	Retentive strength of fiber-reinforced composite posts with composite resin cores: Effect of remaining coronal structure and root canal dentin conditioning protocols. Journal of Prosthetic Dentistry, 2015, 114, 856-861.	1.1	24
78	Effect of Veneering Methods on Zirconia Frameworkâ€”Veneer Ceramic Adhesion and Fracture Resistance of Single Crowns. Journal of Prosthodontics, 2015, 24, 620-628.	1.7	24
79	Fiber-reinforced composites in fixed prosthodonticsâ€”Quo vadis?. Dental Materials, 2017, 33, 877-879.	1.6	24
80	Travel beyond Clinical Uses of Fiber Reinforced Composites (FRCs) in Dentistry: A Review of Past Employments, Present Applications, and Future Perspectives. BioMed Research International, 2018, 2018, 1-8.	0.9	24
81	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
82	Materials and Manufacturing Techniques for Polymeric and Ceramic Scaffolds Used in Implant Dentistry. Journal of Composites Science, 2021, 5, 78.	1.4	24
83	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
84	Workflow description of additively manufactured clear silicone indexes for injected provisional restorations: A novel technique. Journal of Esthetic and Restorative Dentistry, 2019, 31, 213-221.	1.8	22
85	A study on stress distribution to cement layer and root dentin for post and cores made of CAD/CAM materials with different elasticity modulus in the absence of ferrule. Journal of Clinical and Experimental Dentistry, 2019, 11, 0-0.	0.5	22
86	Clinical outcomes of non-surgical multiple-visit root canal retreatment: a retrospective cohort study. Odontology / the Society of the Nippon Dental University, 2019, 107, 536-545.	0.9	22
87	Evaluation of polymerization shrinkage of bulk-fill resin composites using microcomputed tomography. Clinical Oral Investigations, 2020, 24, 1687-1693.	1.4	22
88	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
89	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
90	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

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91	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
92	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
93	Effect of Surface Modification on the Bond Strength between Zirconia and Resin Cement. Journal of Prosthodontics, 2013, 22, 529-536.	1.7	21
94	Monoclinic phase transformation and mechanical durability of zirconia ceramic after fatigue and autoclave aging. , 2017, 105, 1972-1977.		21
95	Intraoral repair of chipped or fractured veneered zirconia crowns and fixed dental prosthesis: clinical guidelines based on literature review. Journal of Adhesion Science and Technology, 2018, 32, 1711-1723.	1.4	21
96	Cement Thickness of Inlay Restorations Made of Lithium Disilicate, Polymerâ€Infiltrated Ceramic and Nanoâ€Ceramic CAD/CAM Materials Evaluated Using 3D Xâ€Ray Microâ€Computed Tomography. Journal of Prosthodontics, 2018, 27, 456-460.	1.7	21
97	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
98	Surface modification of zirconia dental implants by laser texturing. Lasers in Medical Science, 2022, 37, 77-93.	1.0	21
99	Bond Strength Comparison of Amalgam Repair Protocols Using Resin Composite in Situations With and Without Dentin Exposure. Operative Dentistry, 2010, 35, 655-662.	0.6	20
100	Effect of material and fabrication technique on marginal fit and fracture resistance of adhesively luted inlays made of CAD/CAM ceramics and hybrid materials. Journal of Adhesion Science and Technology, 2017, 31, 55-70.	1.4	20
101	Marginal and internal fit of pre-sintered Co-Cr and zirconia 3-unit fixed dental prostheses as measured using microcomputed tomography. Journal of Prosthetic Dentistry, 2018, 120, 409-414.	1.1	20
102	Radiopacity of different resin-based and conventional luting cements compared to human and bovine teeth. Dental Materials Journal, 2012, 31, 68-75.	0.8	19
103	Evaluation of Different Thickness, Die Color, and Resin Cement Shade for Veneers of Multilayered CAD/CAM Blocks. Journal of Prosthodontics, 2016, 25, 563-569.	1.7	19
104	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
105	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
106	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
107	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
108	Chemical Composition and Flexural Strength Discrepancies Between Milled and Lithographyâ€Based Additively Manufactured Zirconia. Journal of Prosthodontics, 2022, 31, 778-783.	1.7	19

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109	Effect of immediate dentine sealing on the fracture strength of lithium disilicate and multiphase resin composite inlay restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 72, 102-109.	1.5	18
110	Short communication: Influence of restorative material and cement on the stress distribution of posterior resin-bonded fixed dental prostheses: 3D finite element analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 96, 279-284.	1.5	18
111	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
112	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
113	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
114	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
115	Load-bearing capacity of indirect inlay-retained fixed dental prostheses made of particulate filler composite alone or reinforced with E-glass fibers impregnated with various monomers. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 12, 160-167.	1.5	17
116	Effect of the Etching Duration and Ultrasonic Cleaning on Microtensile Bond Strength Between Feldspathic Ceramic and Resin Cement. Journal of Adhesion, 2013, 89, 159-173.	1.8	17
117	Effect of polishing procedures and hydrothermal aging on wear characteristics and phase transformation of zirconium dioxide. Journal of Prosthetic Dentistry, 2017, 117, 545-551.	1.1	17
118	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
119	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
120	Effect of composition, viscosity and thickness of the opaquer on the adhesion of resin composite to titanium. Dental Materials, 2009, 25, 1248-1255.	1.6	16
121	Evaluation of a mouthrinse containing guava leaf extract as part of comprehensive oral care regimen-a randomized placebo-controlled clinical trial. BMC Complementary and Alternative Medicine, 2019, 19, 327.	3.7	16
122	Current perspectives on dental adhesion: (3) Adhesion to intraradicular dentin: Concepts and applications. Japanese Dental Science Review, 2020, 56, 216-223.	2.0	16
123	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
124	Fracture resistance of direct inlay-retained adhesive bridges: Effect of pontic material and occlusal morphology. Dental Materials Journal, 2012, 31, 514-522.	0.8	15
125	Implant-prosthetic rehabilitation after radiation treatment in head and neck cancer patients: a case-series report of outcome. Radiology and Oncology, 2016, 51, 94-100.	0.6	15
126	Effect of Aging on Stained Monolithic Resinâ€Ceramic CAD/CAM Materials: Quantitative and Qualitative Analysis of Surface Roughness. Journal of Prosthodontics, 2019, 28, e563-e571.	1.7	15

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127	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
128	Additive Manufacturing in Dentistry: Current Technologies, Clinical Applications, and Limitations. Current Oral Health Reports, 2020, 7, 327-334.	0.5	15
129	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
130	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
131	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
132	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
133	3D-Printed HA-Based Scaffolds for Bone Regeneration: Microporosity, Osteoconduction and Osteoclastic Resorption. Materials, 2022, 15, 1433.	1.3	15
134	Effect of 2% chlorhexidine gluconate cavity disinfectant on microtensile bond strength of tooth-coloured restorative materials to sound and caries-affected dentin. Journal of Adhesion Science and Technology, 2015, 29, 1169-1177.	1.4	14
135	Chipping of Veneering Ceramics in Zirconium Dioxide Fixed Dental Prosthesis. Current Oral Health Reports, 2015, 2, 169-173.	0.5	14
136	Durability and Weibull Characteristics of Lithium Disilicate Crowns Bonded on Abutments with Knifeâ€Edge and Large Chamfer Finish Lines after Cyclic Loading. Journal of Prosthodontics, 2015, 24, 615-619.	1.7	14
137	A Study on Topographical Properties and Surface Wettability of Monolithic Zirconia after Use of Diverse Polishing Instruments with Different Surface Coatings. Journal of Prosthodontics, 2018, 27, 429-442.	1.7	14
138	Short communication: Influence of retainer configuration and loading direction on the stress distribution of lithium disilicate resin-bonded fixed dental prostheses: 3D finite element analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 100, 103389.	1.5	14
139	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
140	Influence of ZrO2 Addition on Structural and Biological Activity of Phosphate Glasses for Bone Regeneration. Materials, 2020, 13, 4058.	1.3	14
141	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
142	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
143	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
144	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

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145	Adhesion to zirconia as a function of primers/silane coupling agents, luting cement types, aging and test methods. Journal of Adhesion Science and Technology, 2017, 31, 1408-1421.	1.4	13
146	Effects of air-abrasion pressure on the resin bond strength to zirconia: a combined cyclic loading and thermocycling aging study. Restorative Dentistry & Endodontics, 2017, 42, 206.	0.6	13
147	Adhesion of resin cement to contemporary hybrid ceramic and polymeric CAD/CAM materials: effect of conditioning methods and ageing. Journal of Adhesion Science and Technology, 2019, 33, 886-902.	1.4	13
148	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
149	Evaluation of chlorhexidine gluconate mouthrinse-induced staining using a digital colorimeter: an in vivo study. Quintessence International, 2011, 42, 213-23.	0.3	13
150	Fiber-matrix integrity, micromorphology and flexural strength of glass fiber posts: Evaluation of the impact of rotary instruments. Journal of the Mechanical Behavior of Biomedical Materials, 2015, 48, 192-199.	1.5	12
151	Effect of primer-cement systems with different functional phosphate monomers on the adhesion of zirconia to dentin. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 69-77.	1.5	12
152	Analysis of Surface Roughness, Fracture Toughness, and Weibull Characteristics of Different Frameworkâ€"Veneer Dental Ceramic Assemblies after Grinding, Polishing, and Glazing. Journal of Prosthodontics, 2019, 28, e216-e221.	1.7	12
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