

The future of dental devices is digital

Dental Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Review of Additive Manufacturing. ISRN Mechanical Engineering, 2012, 2012, 1-10.	0.9	1,415
2	Biomedical production of implants by additive electro-chemical and physical processes. CIRP Annals - Manufacturing Technology, 2012, 61, 635-655.	1.7	255
3	Direct digital additive manufacturing technologies: Path towards hybrid integration. , 2012, , .		16
4	Marginal and internal fit of pressed lithium disilicate partial crowns in vitro: A three-dimensional analysis of accuracy and reproducibility. Dental Materials, 2012, 28, 320-326.	1.6	117
5	Bone ingrowth potential of electron beam and selective laser melting produced trabecular-like implant surfaces with and without a biomimetic coating. Journal of Materials Science: Materials in Medicine, 2013, 24, 745-753.	1.7	70
6	Effect of CNC-milling on the marginal and internal fit of dental ceramics: A pilot study. Dental Materials, 2013, 29, 851-858.	1.6	42
7	Annual Review of selected dental literature: Report of the Committee on Scientific Investigation of the American Academy of Restorative Dentistry. Journal of Prosthetic Dentistry, 2013, 110, 161-210.	1.1	4
9	Properties of experimental urethane dimethacrylate-based dental resin composite blocks obtained via thermo-polymerization under high pressure. Dental Materials, 2013, 29, 535-541.	1.6	67
10	A digital process for additive manufacturing of occlusal splints: a clinical pilot study. Journal of the Royal Society Interface, 2013, 10, 20130203.	1.5	86
11	Color reproduction for advanced manufacture of soft tissue prostheses. Journal of Dentistry, 2013, 41, e15-e23.	1.7	34
12	Toward 3D Printed Bioactive Titanium Scaffolds with Bimodal Pore Size Distribution for Bone Ingrowth. Procedia CIRP, 2013, 5, 158-163.	1.0	52
14	Custom-made, selective laser sintering (SLS) blade implants as a non-conventional solution for the prosthetic rehabilitation of extremely atrophied posterior mandible. Lasers in Medical Science, 2013, 28, 1241-1247.	1.0	53
15	Dental practitioners and a digital future: an initial exploration of barriers and incentives to adopting digital technologies. British Dental Journal, 2013, 215, E21-E21.	0.3	41
16	Dimensional Accuracy of Optical Bite Registration in Single and Multiple Unit Restorations. Operative Dentistry, 2013, 38, 309-315.	0.6	31
17	Design and fabrication of a sleep apnea device using computer-aided design/additive manufacture technologies. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2013, 227, 350-355.	1.0	9
18	Porous metals: foams and sponges. , 2013, , 273-307.		12
19	Vertical Ridge Augmentation of the Atrophic Posterior Mandible With Custom-Made, Computer-Aided Design/Computer-Aided Manufacturing Porous Hydroxyapatite Scaffolds. Journal of Craniofacial Surgery, 2013, 24, 856-859.	0.3	34
20	Rationale for the Use of CAD/CAM Technology in Implant Prosthodontics. International Journal of Dentistry, 2013, 2013, 1-8.	0.5	55

#	ARTICLE	IF	CITATIONS
21	Dental Students's™ Preferences and Performance in Crown Design: Conventional Wax-Added Versus CAD. <i>Journal of Dental Education</i> , 2014, 78, 1663-1672.	0.7	28
22	Mechanical Properties of Austenitic Stainless Steel Made by Additive Manufacturing. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2014, 119, 398.	0.4	95
23	Characterization of Mechanical and Biological Properties of 3-D Scaffolds Reinforced with Zinc Oxide for Bone Tissue Engineering. <i>PLoS ONE</i> , 2014, 9, e87755.	1.1	85
24	Comparison of the accuracy of digitally fabricated polyurethane model and conventional gypsum model. <i>Journal of Advanced Prosthodontics</i> , 2014, 6, 1.	1.1	14
25	Porosity Measurements and Analysis for Metal Additive Manufacturing Process Control. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2014, 119, 494.	0.4	274
26	Physico-mechanical properties and prosthodontic applications of Co-Cr dental alloys: a review of the literature. <i>Journal of Advanced Prosthodontics</i> , 2014, 6, 138.	1.1	159
27	Characterization of Metal Powders Used for Additive Manufacturing. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2014, 119, 460.	0.4	363
28	In vitro evaluation of marginal and internal adaptation of three-unit fixed dental prostheses produced by stereolithography. <i>Dental Materials Journal</i> , 2014, 33, 504-509.	0.8	6
29	A novel technique for preparing dental CAD/CAM composite resin blocks using the filler press and monomer infiltration method. <i>Dental Materials Journal</i> , 2014, 33, 203-209.	0.8	34
30	Bond and fracture strength of metal-ceramic restorations formed by selective laser sintering. <i>Journal of Advanced Prosthodontics</i> , 2014, 6, 266.	1.1	49
31	HPLC Analysis of Monomer Release from Conventionally and High Temperature High-Pressure Polymerised Urethane Dimethacrylate Intended for Biomedical Applications. <i>Journal of Chromatography & Separation Techniques</i> , 2014, 05, .	0.2	3
32	Additively manufactured 3D porous Ti-6Al-4V constructs mimic trabecular bone structure and regulate osteoblast proliferation, differentiation and local factor production in a porosity and surface roughness dependent manner. <i>Biofabrication</i> , 2014, 6, 045007.	3.7	197
33	Biocompatibility of Advanced Manufactured Titanium Implants—A Review. <i>Materials</i> , 2014, 7, 8168-8188.	1.3	488
34	The introduction of digital dental technology into BDS curricula. <i>British Dental Journal</i> , 2014, 217, 639-642.	0.3	12
35	Additive nanomanufacturing — A review. <i>Journal of Materials Research</i> , 2014, 29, 1792-1816.	1.2	112
36	Influence of small amounts of addition-fragmentation capable monomers on polymerization-induced shrinkage stress. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1315-1321.	2.5	6
37	Maxillary Ridge Augmentation with Custom-Made CAD/CAM Scaffolds. A 1-Year Prospective Study on 10 Patients. <i>Journal of Oral Implantology</i> , 2014, 40, 561-569.	0.4	41
38	Evaluating and Enhancing Three-Dimensional Printing Service Providers for Rapid Prototyping Using the DEMATEL Based Network Process and VIKOR. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-16.	0.6	15

#	ARTICLE	IF	CITATIONS
39	Basics and applications of rapid prototyping medical models. Rapid Prototyping Journal, 2014, 20, 256-267.	1.6	96
40	Metallurgical and interfacial characterization of PFM Co-Cr dental alloys fabricated via casting, milling or selective laser melting. Dental Materials, 2014, 30, e79-e88.	1.6	136
41	Developing a 3D colour image reproduction system for additive manufacturing of facial prostheses. International Journal of Advanced Manufacturing Technology, 2014, 70, 2043-2049.	1.5	54
42	Revolutionizing Restorative Dentistry: An Overview. Journal of Indian Prosthodontic Society, The, 2014, 14, 333-343.	0.3	18
43	High-temperature high-pressure polymerized urethane dimethacrylate—Mechanical properties and monomer release. Dental Materials, 2014, 30, 350-356.	1.6	65
44	Digital Imaging and Fabrication. Dental Clinics of North America, 2014, 58, 135-158.	0.8	20
45	Effect of Various Veneering Techniques on Mechanical Strength of Computer-Controlled Zirconia Framework Designs. Journal of Prosthodontics, 2014, 23, 445-455.	1.7	63
46	Three-dimensional evaluation of gaps associated with fixed dental prostheses fabricated with new technologies. Journal of Prosthetic Dentistry, 2014, 112, 1432-1436.	1.1	98
47	Design and manufacture of customized dental implants by using reverse engineering and selective laser melting technology. Journal of Prosthetic Dentistry, 2014, 112, 1088-1095.e1.	1.1	131
48	Resin-composite Blocks for Dental CAD/CAM Applications. Journal of Dental Research, 2014, 93, 1232-1234.	2.5	353
49	Accelerated techniques for a post and core and a crown restoration with intraoral digital scanners and CAD/CAM and rapid prototyping. Journal of Prosthetic Dentistry, 2014, 112, 1024-1029.	1.1	11
50	Fabrication of titanium alloy frameworks for complete dentures by selective laser melting. Journal of Prosthetic Dentistry, 2014, 112, 1441-1447.	1.1	43
51	High-temperature-pressure Polymerized Resin-infiltrated Ceramic Networks. Journal of Dental Research, 2014, 93, 62-67.	2.5	95
52	In vitro biocompatibility of CoCrMo dental alloys fabricated by selective laser melting. Dental Materials, 2014, 30, 525-534.	1.6	193
53	The time efficiency of intraoral scanners. Journal of the American Dental Association, 2014, 145, 542-551.	0.7	139
54	Cell culture-based computer-aided design/computer-aided manufacture bio-enamel as novel treatment for enamel defect. Journal of the Formosan Medical Association, 2014, 113, 487-489.	0.8	0
55	A comparison of the marginal fit of crowns fabricated with digital and conventional methods. Journal of Prosthetic Dentistry, 2014, 112, 555-560.	1.1	224
56	Use of Zirconia in Dentistry: An Overview. The Open Biomaterials Journal, 2014, 5, 1-7.	1.0	46

#	ARTICLE	IF	CITATIONS
57	Trends in Computer-Aided Manufacturing in Prosthodontics: A Review of the Available Streams. International Journal of Dentistry, 2014, 2014, 1-15.	0.5	219
58	Additive manufacturing to assist prosthetically guided bone regeneration of atrophic maxillary arches. Rapid Prototyping Journal, 2015, 21, 705-715.	1.6	12
60	Additive Manufacture of Ceramics Components by Inkjet Printing. Engineering, 2015, 1, 113-123.	3.2	184
61	Fit of cobalt-chromium implant frameworks before and after ceramic veneering in comparison with CNC-milled titanium frameworks. Clinical and Experimental Dental Research, 2015, 1, 49-56.	0.8	11
62	Systematic Literature Review of Digital Three-Dimensional Superimposition Techniques to Create Virtual Dental Patients. International Journal of Oral and Maxillofacial Implants, 2015, 30, 330-337.	0.6	118
63	Time-Efficiency Analysis Comparing Digital and Conventional Workflows for Implant Crowns: A Prospective Clinical Crossover Trial. International Journal of Oral and Maxillofacial Implants, 2015, 30, 1047-1053.	0.6	97
64	Time-Dependent Supraimplant Mucosa Changes: Short Communication. International Journal of Oral and Maxillofacial Implants, 2015, 30, 619-621.	0.6	12
65	Investigation of mechanical properties for open cellular structure CoCrMo alloy fabricated by selective laser melting process. IOP Conference Series: Materials Science and Engineering, 2015, 100, 012033.	0.3	5
66	Surface roughness and gloss of current CAD/CAM resin composites before and after toothbrush abrasion. Dental Materials Journal, 2015, 34, 881-887.	0.8	68
67	3D-Printable Antimicrobial Composite Resins. Advanced Functional Materials, 2015, 25, 6756-6767.	7.8	105
68	Selective Laser Melting Technique of Co-Cr Dental Alloys: A Review of Structure and Properties and Comparative Analysis with Other Available Techniques. Journal of Prosthodontics, 2015, 24, 303-312.	1.7	228
69	Accuracy of a Digital Impression System Based on Active Triangulation Technology With Blue Light for Implants. Implant Dentistry, 2015, 24, 498-504.	1.7	63
70	The Economics of Oral Health and Health Care. SSRN Electronic Journal, 0, , .	0.4	13
71	Investigation of Elastomer Infiltration into 3D Printed Facial Soft Tissue Prostheses. Anaplastology, 2015, 04, .	0.1	12
72	Cloud-Based Automated Design and Additive Manufacturing: A Usage Data-Enabled Paradigm Shift. Sensors, 2015, 15, 32079-32122.	2.1	62
73	Accuracy evaluation of metal copings fabricated by computer-aided milling and direct metal laser sintering systems. Journal of Advanced Prosthodontics, 2015, 7, 122.	1.1	40
74	<i>In vitro</i> evaluation of the bond strength between various ceramics and cobalt-chromium alloy fabricated by selective laser sintering. Journal of Advanced Prosthodontics, 2015, 7, 312.	1.1	19
75	Adoption and Use of Digital Technologies among General Dental Practitioners in the Netherlands. PLoS ONE, 2015, 10, e0120725.	1.1	22

#	ARTICLE	IF	CITATIONS
76	Comparative characterization of a novel cad-cam polymer-infiltrated-ceramic-network. Journal of Clinical and Experimental Dentistry, 2015, 7, e495-e500.	0.5	87
77	3D Scanning, Imaging, and Printing in Orthodontics. , 0, , .		35
78	Computer-assisted, Le Fort-based, faceâ€“jawâ€“teeth transplplantation: a pilot study on system feasibility andÂtranslational assessment. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 1117-1126.	1.7	9
79	3D printing in dentistry. British Dental Journal, 2015, 219, 521-529.	0.3	728
80	Advances in nanocomposite materials for additive manufacturing. International Journal of Rapid Manufacturing, 2015, 5, 215.	0.5	41
81	Orthodontic scanners: whatâ€™s available?. Journal of Orthodontics, 2015, 42, 136-143.	0.4	78
83	Effects of repeated firing on the marginal accuracy of Co-Cr copings fabricated by selective laser melting. Journal of Prosthetic Dentistry, 2015, 113, 135-139.	1.1	44
84	Additive Manufacturing for Bone Load Bearing Applications. , 2015, , 231-263.		5
85	Optimum pressure for the high-pressure polymerization of urethane dimethacrylate. Dental Materials, 2015, 31, 406-412.	1.6	21
87	Three-Dimensional Printing of Drug-Eluting Implants: Preparation of an Antimicrobial Polylactide Feedstock Material. Journal of Pharmaceutical Sciences, 2015, 104, 1099-1107.	1.6	131
88	Comparison of the marginal fit of lithium disilicate crowns fabricated with CAD/CAM technology by using conventional impressions and two intraoral digital scanners. Journal of Prosthetic Dentistry, 2015, 114, 554-559.	1.1	122
89	Digital process for an implant-supported fixed dental prosthesis: A clinical report. Journal of Prosthetic Dentistry, 2015, 114, 469-473.	1.1	28
90	Recent advances in 3D printing of biomaterials. Journal of Biological Engineering, 2015, 9, 4.	2.0	1,266
91	Influence of CAD/CAM tool and material on tool wear and roughness of dental prostheses after milling. Journal of Prosthetic Dentistry, 2015, 114, 236-247.	1.1	98
92	Clinical marginal and internal fit of metal ceramic crowns fabricated with a selective laser melting technology. Journal of Prosthetic Dentistry, 2015, 113, 623-627.	1.1	83
95	Use of intraoral digital scanning for a CAD/CAM-fabricated milled bar and superstructure framework for an implant-supported, removable complete dental prosthesis. Journal of Prosthetic Dentistry, 2015, 113, 509-515.	1.1	28
96	Ceramics and ceramic coatings in orthopaedics. Journal of the European Ceramic Society, 2015, 35, 4327-4369.	2.8	167
97	Modern Trends in Rapid Prototyping for Biomedical Applications. Materials Today: Proceedings, 2015, 2, 3409-3418.	0.9	12

#	ARTICLE	IF	CITATIONS
98	Flexural strength and reliability of monolithic and trilayer ceramic structures obtained by the CAD-on technique. <i>Dental Materials</i> , 2015, 31, 1453-1459.	1.6	33
99	Bioprinting: An Industrial Perspective. , 2015, , 395-411.		5
100	Three-dimensional printed millifluidic devices for zebrafish embryo tests. <i>Biomicrofluidics</i> , 2015, 9, 046502.	1.2	62
101	Digital vs. conventional implant prosthetic workflows: a cost/time analysis. <i>Clinical Oral Implants Research</i> , 2015, 26, 1430-1435.	1.9	159
102	Effect of Veneering Methods on Zirconia Frameworkâ€™ Veneer Ceramic Adhesion and Fracture Resistance of Single Crowns. <i>Journal of Prosthodontics</i> , 2015, 24, 620-628.	1.7	24
103	Evaluation of the flexural strength and microhardness of provisional crown and bridge materials fabricated by different methods. <i>Journal of Indian Prosthodontic Society, The</i> , 2016, 16, 328.	0.3	69
104	Comparison of crown designs of different dental occupational groups, using CAD-CAM. <i>The Journal of Korean Academy of Prosthodontics</i> , 2016, 54, 234.	0.0	0
105	Fifty years of Brazilian Dental Materials Group: scientific contributions of dental materials field evaluated by systematic review. <i>Journal of Applied Oral Science</i> , 2016, 24, 299-307.	0.7	3
106	Adaptation Measurement of CAD/CAM Dental Crowns with X-Ray Micro-CT: Metrological Chain Standardization and 3D Gap Size Distribution. <i>Advances in Materials Science and Engineering</i> , 2016, 1-13.	1.0	6
107	Factors Influencing the Dimensional Accuracy of 3D-Printed Full-Coverage Dental Restorations Using Stereolithography Technology. <i>International Journal of Prosthodontics</i> , 2016, 29, 503-510.	0.7	169
108	The Role of Digitization in the Rapid Reproduction of an Obturator in a Frail Elderly Patient. <i>International Journal of Prosthodontics</i> , 2016, 29, 592-594.	0.7	3
109	Three-Dimensional Printing: A Novel Technology for Use in Oral and Maxillofacial Operations. , 2016, , .		5
110	Volumetric Calculation of Supraimplant Submergence Profile After Soft Tissue Conditioning with a Provisional Restoration. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, 785-790.	0.4	12
111	Creating a digitized database of maxillofacial prostheses (obturators): A pilot study. <i>Journal of Advanced Prosthodontics</i> , 2016, 8, 219.	1.1	17
112	Trueness and Precision of Four Intraoral Scanners in Oral Implantology: A Comparative in Vitro Study. <i>PLoS ONE</i> , 2016, 11, e0163107.	1.1	118
113	3D Pharming: Direct Printing of Personalized Pharmaceutical Tablets. <i>Polymer Science</i> , 2016, 2, .	0.2	12
114	Colour Image Reproduction for 3D Printing Facial Prostheses. , 0, , .		2
115	Using Three-Dimensional Printing to Fabricate a Tubing Connector for Dilation and Evacuation. <i>Obstetrics and Gynecology</i> , 2016, 127, 317-319.	1.2	12

#	ARTICLE	IF	CITATIONS
116	Bonding of Dental Ceramics to Titanium: Processing and Conditioning Aspects. Current Oral Health Reports, 2016, 3, 234-243.	0.5	8
117	Clinical Fitting and Adjustment Time for Implant-Supported Crowns Comparing Digital and Conventional Workflows. Clinical Implant Dentistry and Related Research, 2016, 18, 946-954.	1.6	56
118	Time-efficiency analysis of the treatment with monolithic implant crowns in a digital workflow: a randomized controlled trial. Clinical Oral Implants Research, 2016, 27, 1401-1406.	1.9	88
119	3d printing stereo networks microfluidic concentration gradient chip. , 2016, , .		0
120	Manufacturing Reliable Ceramic Crowns: The Role of Abrasive Machining in Digital Dentistry. , 2016, , .		0
121	A colour image reproduction framework for 3D colour printing. Proceedings of SPIE, 2016, , .	0.8	5
122	Dimensional accuracy of dental casting patterns created by 3D printers. Dental Materials Journal, 2016, 35, 250-256.	0.8	62
123	Bioactive glass-based nanocomposites for personalized dental tissue regeneration. Dental Materials Journal, 2016, 35, 710-720.	0.8	17
124	3D printing of fibre reinforced honeycomb structured composite materials. , 2016, , .		7
125	Three-dimensional evaluation of the reproducibility of presintered zirconia single copings fabricated with the subtractive method. Journal of Prosthetic Dentistry, 2016, 116, 237-241.	1.1	11
126	Enhanced Osteoblast Response to Porosity and Resolution of Additively Manufactured Ti-6Al-4V Constructs with Trabeculae-Inspired Porosity. 3D Printing and Additive Manufacturing, 2016, 3, 10-21.	1.4	26
127	Improved bioactivity of selective laser melting titanium: Surface modification with micro-/nano-textured hierarchical topography and bone regeneration performance evaluation. Materials Science and Engineering C, 2016, 68, 229-240.	3.8	78
129	Geometric Modelling and CAD. , 2016, , 291-360.		0
130	Comparison of 3-D Printing and 5-axis Milling for the Production of Dental e-models from Intra-oral Scanning. Computer-Aided Design and Applications, 2016, 13, 32-38.	0.4	25
131	Custom fabrication of try-in wax complete denture. Rapid Prototyping Journal, 2016, 22, 539-543.	1.6	3
132	Comparison of experience curves between two 3-dimensional intraoral scanners. Journal of Prosthetic Dentistry, 2016, 116, 221-230.	1.1	127
133	Three-Dimensional Printing: An Enabling Technology for IR. Journal of Vascular and Interventional Radiology, 2016, 27, 859-865.	0.2	50
134	In vitro evaluation of marginal, axial, and occlusal discrepancies in metal ceramic restorations produced with new technologies. Journal of Prosthetic Dentistry, 2016, 116, 368-374.	1.1	50

#	ARTICLE	IF	CITATIONS
136	Polyactides in additive biomanufacturing. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 228-246.	6.6	63
137	Applications of Light Amplification by Stimulated Emission of Radiation (Lasers) for Restorative Dentistry. <i>Medical Principles and Practice</i> , 2016, 25, 201-211.	1.1	47
138	Applications of medical rapid prototyping assisted customized surgical guides in complex surgeries. <i>Rapid Prototyping Journal</i> , 2016, 22, 934-946.	1.6	27
139	Novel Osteogenic Ti-6Al-4V Device For Restoration Of Dental Function In Patients With Large Bone Deficiencies: Design, Development And Implementation. <i>Scientific Reports</i> , 2016, 6, 20493.	1.6	50
140	The use of 3D metal printing (direct metal laser sintering) in removable prosthodontics. <i>Dental Update</i> , 2016, 43, 826-835.	0.1	18
141	Additive Manufacturing in Fluid Process Engineering. <i>Chemie-Ingenieur-Technik</i> , 2016, 88, 535-552.	0.4	34
142	Combining 3D human in vitro methods for a 3Rs evaluation of novel titanium surfaces in orthopaedic applications. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1586-1599.	1.7	15
143	Patient-centered outcomes comparing digital and conventional implant impression procedures: a randomized crossover trial. <i>Clinical Oral Implants Research</i> , 2016, 27, e185-e189.	1.9	189
144	Validity and reliability of intraoral scanners compared to conventional gypsum models measurements: a systematic review. <i>European Journal of Orthodontics</i> , 2016, 38, 429-434.	1.1	145
145	Il workflow estetico funzionale. Il successo tra tradizione e innovazione. <i>Dental Cadmos</i> , 2016, 84, 292-301.	0.0	0
146	Development of a 3D printable maxillofacial silicone: Part I. Optimization of polydimethylsiloxane chains and cross-linker concentration. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 617-622.	1.1	47
147	Effects of build orientation induced surface modifications on the <i>in vitro</i> biocompatibility of electron beam melted Ti6Al4V. <i>Powder Metallurgy</i> , 2016, 59, 57-65.	0.9	21
148	Production tolerance of additive manufactured polymeric objects for clinical applications. <i>Dental Materials</i> , 2016, 32, 853-861.	1.6	91
149	The anisotropy of the flexural properties of an occlusal device material processed by stereolithography. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 811-817.	1.1	65
150	First clinical experiences with CAD/CAM-fabricated PMMA-based fixed dental prostheses as long-term temporaries. <i>Clinical Oral Investigations</i> , 2016, 20, 161-168.	1.4	30
151	Trueness of milled prostheses according to number of ball-end mill burs. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 624-629.	1.1	38
152	Advancing the field of 3D biomaterial printing. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 014102.	1.7	147
153	Modifying release characteristics from 3D printed drug-eluting products. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 90, 47-52.	1.9	118

#	ARTICLE	IF	CITATIONS
154	Digital approach to planning computer-guided surgery and immediate provisionalization in a partially edentulous patient. <i>Journal of Prosthetic Dentistry</i> , 2016, 116, 8-14.	1.1	22
155	Effects of build direction on the mechanical properties of 3D-printed complete coverage interim dental restorations. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 760-767.	1.1	255
156	Advancements in CAD/CAM technology: Options for practical implementation. <i>Journal of Prosthodontic Research</i> , 2016, 60, 72-84.	1.1	359
157	The metallurgy and processing science of metal additive manufacturing. <i>International Materials Reviews</i> , 2016, 61, 315-360.	9.4	1,706
158	Complete denture fabrication supported by CAD/CAM. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 541-546.	1.1	71
159	Prosthetic rehabilitation with an implant-supported fixed prosthesis using computer-aided design and computer-aided manufacturing dental technology for a patient with a mandibulectomy: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 133-136.	1.1	12
160	Comparison of chairside and laboratory CAD/CAM to conventional produced all-ceramic crowns regarding morphology, occlusion, and aesthetics. <i>Clinical Oral Investigations</i> , 2016, 20, 791-797.	1.4	45
161	Assessing and Reducing the Toxicity of 3D-Printed Parts. <i>Environmental Science and Technology Letters</i> , 2016, 3, 1-6.	3.9	157
162	Evaluation of marginal fit of CAD/CAM restorations fabricated through cone beam computerized tomography and laboratory scanner data. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 47-51.	1.1	31
163	A fully digital approach to replicate peri-implant soft tissue contours and emergence profile in the esthetic zone. <i>Clinical Oral Implants Research</i> , 2016, 27, 1511-1514.	1.9	42
164	Multi and mixed 3D printing of graphene-hydroxyapatite hybrid materials for complex tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 274-283.	2.1	99
165	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. <i>Journal of Prosthodontics</i> , 2017, 26, 650-655.	1.7	101
166	The effect of the angle of acuteness of additive manufactured models and the direction of printing on the dimensional fidelity: clinical implications. <i>Odontology / the Society of the Nippon Dental University</i> , 2017, 105, 108-115.	0.9	53
167	Monolithic implant-supported lithium disilicate (LS2) crowns in a complete digital workflow: A prospective clinical trial with a 2-year follow-up. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 505-511.	1.6	73
168	Sandblasting may damage the surface of composite CAD/CAM blocks. <i>Dental Materials</i> , 2017, 33, e124-e135.	1.6	93
169	Computer-assisted technologies used in oral rehabilitation and the clinical documentation of alleged advantages – a systematic review. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 261-290.	1.3	28
170	Fit of interim crowns fabricated using photopolymer-jetting 3D printing. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 208-215.	1.1	115
171	A comparative study of additive and subtractive manufacturing for dental restorations. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 187-193.	1.1	94

#	ARTICLE	IF	CITATIONS
172	Poly(methyl methacrylate) with TiO ₂ nanoparticles inclusion for stereolithographic complete denture manufacturing – the future in dental care for elderly edentulous patients?. Journal of Dentistry, 2017, 59, 68-77.	1.7	129
174	Additive manufacturing of polymer melts for implantable medical devices and scaffolds. Biofabrication, 2017, 9, 012002.	3.7	145
176	Design and fabrication of complete dentures using CAD/CAM technology. Medicine (United States), 2017, 96, e5435.	0.4	36
177	The ultrasonic burnishing of cobalt-chrome and stainless steel surface made by additive manufacturing. Progress in Additive Manufacturing, 2017, 2, 31-41.	2.5	34
178	Interproximal distance analysis of stereolithographic casts made by CAD-CAM technology: An in vitro study. Journal of Prosthetic Dentistry, 2017, 118, 624-630.	1.1	2
179	Diels-Alder Reversible Thermoset 3D Printing: Isotropic Thermoset Polymers via Fused Filament Fabrication. Advanced Functional Materials, 2017, 27, 1700318.	7.8	127
180	Philosophy and Engineering. Philosophy of Engineering and Technology, 2017, , .	0.1	5
181	Bond strengths of porcelain to cobalt-chromium alloys made by casting, milling, and selective laser melting. Journal of Prosthetic Dentistry, 2017, 118, 69-75.	1.1	56
182	Current and emerging applications of 3D printing in medicine. Biofabrication, 2017, 9, 024102.	3.7	390
183	Three dimensional surface topography characterization of the electron beam melted Ti6Al4V. Metal Powder Report, 2017, 72, 200-205.	0.3	34
184	Bioprinting technologies for disease modeling. Biotechnology Letters, 2017, 39, 1279-1290.	1.1	53
185	CAD/CAM-fabricated ceramic implant-supported single crowns made from lithium disilicate: Final results of a 5-year prospective cohort study. Clinical Implant Dentistry and Related Research, 2017, 19, 876-883.	1.6	44
186	Comparison of porcelain bond strength of different metal frameworks prepared by using conventional and recently introduced fabrication methods. Journal of Prosthetic Dentistry, 2017, 118, 76-82.	1.1	19
187	Stereolithography: A new method for processing dental ceramics by additive computer-aided manufacturing. Dental Materials, 2017, 33, 477-485.	1.6	151
188	A 3D-printed polymer micro-gripper with self-defined electrical tracks and thermal actuator. Journal of Micromechanics and Microengineering, 2017, 27, 045019.	1.5	9
189	Fit of pressed crowns fabricated from two CAD-CAM wax pattern process plans: A comparative in vitro study. Journal of Prosthetic Dentistry, 2017, 118, 49-54.	1.1	24
190	Randomized controlled within-subject evaluation of digital and conventional workflows for the fabrication of lithium disilicate single crowns. Part II: CAD-CAM versus conventional laboratory procedures. Journal of Prosthetic Dentistry, 2017, 118, 43-48.	1.1	58
191	Interface Oral Health Science 2016. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
192	Reliability and mode of failure of bonded monolithic and multilayer ceramics. <i>Dental Materials</i> , 2017, 33, 191-197.	1.6	48
193	Digital technology in fixed implant prosthodontics. <i>Periodontology 2000</i> , 2017, 73, 178-192.	6.3	142
194	Dental Studentsâ€™ Perceptions of Digital and Conventional Impression Techniques: A Randomized Controlled Trial. <i>Journal of Dental Education</i> , 2017, 81, 1227-1232.	0.7	34
195	Additive Manufacturing Technologies Used for 3D Metal Printing in Dentistry. <i>Current Oral Health Reports</i> , 2017, 4, 201-208.	0.5	58
196	Structural and morphological approach of Co-Cr dental alloys processed by alternative manufacturing technologies. <i>Journal of Physics: Conference Series</i> , 2017, 885, 012005.	0.3	3
197	Design and fabrication of porous biodegradable scaffolds: a strategy for tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1797-1825.	1.9	164
198	Polymers for 3D Printing and Customized Additive Manufacturing. <i>Chemical Reviews</i> , 2017, 117, 10212-10290.	23.0	2,383
199	Digital Dentistry â€” 3D Printing Applications. <i>Journal of Interdisciplinary Medicine</i> , 2017, 2, 50-53.	0.1	52
200	The effect of grinding and/or airborne-particle abrasion on the bond strength between zirconia and veneering porcelain: a systematic review. <i>Acta Biomaterialia Odontologica Scandinavica</i> , 2017, 3, 8-20.	4.0	20
201	A Sensory Material Approach for Reducing Variability in Additively Manufactured Metal Parts. <i>Scientific Reports</i> , 2017, 7, 3604.	1.6	55
202	Accuracy of four intraoral scanners in oral implantology: a comparative in vitro study. <i>BMC Oral Health</i> , 2017, 17, 92.	0.8	234
203	3D RECONSTRUCTION AND SLM SURVEY FOR DENTAL IMPLANTS. <i>Journal of Mechanics in Medicine and Biology</i> , 2017, 17, 1750084.	0.3	5
204	Influence of porcelain firing and cementation on the marginal adaptation of metal-ceramic restorations prepared by different methods. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 656-661.	1.1	27
205	Transdisciplinary Perspectives on Complex Systems. , 2017, , .		75
206	Additive Manufacturing: A Trans-disciplinary Experience. , 2017, , 145-175.		4
207	Time efficiency, difficulty, and operator's preference comparing digital and conventional implant impressions: a randomized controlled trial. <i>Clinical Oral Implants Research</i> , 2017, 28, 1318-1323.	1.9	100
208	Reproducibility of different arrangement of resin copings by dental microstereolithography: Evaluating the marginal discrepancy of resin copings. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 260-265.	1.1	40
209	Additive Technology: Update on Current Materials and Applications in Dentistry. <i>Journal of Prosthodontics</i> , 2017, 26, 156-163.	1.7	200

#	ARTICLE	IF	CITATIONS
210	A microcomputed tomography evaluation of the marginal fit of cobalt-chromium alloy copings fabricated by new manufacturing techniques and alloy systems. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 393-399.	1.1	62
211	Micro-CT Evaluation of Ceramic Inlays: Comparison of the Marginal and Internal Fit of Five and Three Axis CAM Systems with a Heat Press Technique. <i>Journal of Esthetic and Restorative Dentistry</i> , 2017, 29, 49-58.	1.8	33
212	The Guidebook to Molar Endodontics. , 2017, , .		4
213	Considerations for the Restoration of Endodontically Treated Molars. , 2017, , 169-205.		4
214	A novel method for soft tissue retraction during periapical surgery using 3D technology: a case report. <i>International Endodontic Journal</i> , 2017, 50, 813-822.	2.3	25
215	Analysing the tensile properties of 3D printed fibre reinforced thermoplastic composite specimens. , 2017, , .		1
216	Ontology-based technology function matrix for patent analysis of additive manufacturing in the dental industry. <i>International Journal of Manufacturing Research</i> , 2017, 12, 64.	0.1	7
217	Evaluation of marginal and internal gaps of Ni-Cr and Co-Cr alloy copings manufactured by microstereolithography. <i>Journal of Advanced Prosthodontics</i> , 2017, 9, 176.	1.1	9
218	Evaluation of marginal and internal gaps in single and three-unit metal frameworks made by micro-stereolithography. <i>Journal of Advanced Prosthodontics</i> , 2017, 9, 239.	1.1	4
219	High-resolution 3D printing for healthcare underpinned by small-scale fluidics. , 2017, , 167-206.		18
220	Magnetically Driven Micromachines Created by Two-Photon Microfabrication and Selective Electroless Magnetite Plating for Lab-on-a-Chip Applications. <i>Micromachines</i> , 2017, 8, 35.	1.4	20
221	Evaluation of marginal and internal gap of three-unit metal framework according to subtractive manufacturing and additive manufacturing of CAD/CAM systems. <i>Journal of Advanced Prosthodontics</i> , 2017, 9, 463.	1.1	3
222	Build Angle: Does It Influence the Accuracy of 3D-Printed Dental Restorations Using Digital Light-Processing Technology?. <i>International Journal of Prosthodontics</i> , 2017, 30, 182-188.	0.7	133
223	Additive Manufacturing Techniques in Prosthodontics: Where Do We Currently Stand? A Critical Review. <i>International Journal of Prosthodontics</i> , 2017, 30, 474-484.	0.7	125
224	Virtual Simulation of Periodontal Surgery Including Presurgical CAD/CAM Fabrication of Tooth-Colored Removable Splints on the Basis of CBCT Data: A Case Report. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017, 37, e310-e320.	0.4	4
225	Evaluation of Mechanical Properties and Marginal Fit of Crowns Fabricated Using Commercially Pure Titanium and FUS-Invest. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	1
226	The Angiogenic Potential of DPSCs and SCAPs in an <i>In Vivo</i> Model of Dental Pulp Regeneration. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	74
227	The complete digital workflow in fixed prosthodontics: a systematic review. <i>BMC Oral Health</i> , 2017, 17, 124.	0.8	231

#	ARTICLE	IF	CITATIONS
228	Peek polymer in orthodontics: A pilot study on children. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, e1271-e1275.	0.5	17
229	CAD/CAM fabricated complete denture using 3D face scan: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2017, 55, 436.	0.0	3
230	Shear bond strength of ceramic fused to CAD-CAM milled alloys. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 10, 0-0.	0.5	5
231	Surface texture and hardness of dental alloys processed by alternative technologies. <i>Journal of Physics: Conference Series</i> , 2017, 885, 012004.	0.3	0
232	The residual monomer content and mechanical properties of CAD/CAM resins used in the fabrication of complete dentures as compared to heat cured resins. <i>Electronic Physician</i> , 2017, 9, 4766-4772.	0.2	76
233	Fabrication of NiTi alloy: A review. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2018, 232, 250-269.	0.7	34
234	Mandibular retrognathia correction using a fixed sagittal guidance appliance individually manufactured by selective laser melting manufacturing technology. <i>Rapid Prototyping Journal</i> , 2018, 24, 416-423.	1.6	2
235	Endodontic applications of 3D printing. <i>International Endodontic Journal</i> , 2018, 51, 1005-1018.	2.3	112
236	Virtual Dental Patient: How Long Until It's Here?. <i>Current Oral Health Reports</i> , 2018, 5, 116-120.	0.5	11
237	Geometrical accuracy of metallic objects produced with additive or subtractive manufacturing: A comparative in vitro study. <i>Dental Materials</i> , 2018, 34, 978-993.	1.6	36
238	Comparative analysis of the microstructures and mechanical properties of Co-Cr dental alloys fabricated by different methods. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 617-623.	1.1	79
239	Adaptation and micro-structure of Co-Cr alloy maxillary complete denture base plates fabricated by selective laser melting technique. <i>Lasers in Medical Science</i> , 2018, 33, 1025-1030.	1.0	9
240	Biobased Acrylate Photocurable Resin Formulation for Stereolithography 3D Printing. <i>ACS Omega</i> , 2018, 3, 1403-1408.	1.6	184
241	Ultrasonic assisted high rotational speed diamond machining of dental glass ceramics. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 387.	1.5	7
242	Reproducibility of different coping arrangements fabricated by dental micro-stereolithography: Evaluation of marginal and internal gaps in metal copings. <i>Journal of Dental Sciences</i> , 2018, 13, 220-225.	1.2	6
243	Combining Intraoral Scans, Cone Beam Computed Tomography and Face Scans: The Virtual Patient. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 2241-2246.	0.3	81
244	Fabrication of an interim complete removable dental prosthesis with an in-office digital light processing three-dimensional printer: A proof-of-concept technique. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 331-334.	1.1	45
245	How does the surface treatment change the cytocompatibility of implants made by selective laser melting?. <i>Expert Review of Medical Devices</i> , 2018, 15, 313-321.	1.4	9

#	ARTICLE	IF	CITATIONS
246	Digital impression and jaw relation record for the fabrication of CAD/CAM custom tray. Journal of Prosthodontic Research, 2018, 62, 509-513.	1.1	35
247	A Study on Possibility of Clinical Application for Color Measurements of Shade Guides Using an Intraoral Digital Scanner. Journal of Prosthodontics, 2018, 27, 670-675.	1.7	33
248	Design of Complete Dentures by Adopting CAD Developed for Fixed Prosthesis. Journal of Prosthodontics, 2018, 27, 212-219.	1.7	7
249	Removable partial denture alloys processed by laser sintering technique. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1174-1185.	1.6	55
250	Mechanical properties and internal fit of 4 CAD-CAM block materials. Journal of Prosthetic Dentistry, 2018, 119, 384-389.	1.1	141
251	Influence of scanner, powder application, and adjustments on CAD-CAM crown misfit. Journal of Prosthetic Dentistry, 2018, 119, 377-383.	1.1	49
252	Comparison and evaluation of marginal and internal gaps in cobalt-chromium alloy copings fabricated using subtractive and additive manufacturing. Journal of Prosthodontic Research, 2018, 62, 56-64.	1.1	67
253	3D printed versus conventionally cured provisional crown and bridge dental materials. Dental Materials, 2018, 34, 192-200.	1.6	296
254	Laser Sintering Technology and Balling Phenomenon. Photomedicine and Laser Surgery, 2018, 36, 72-77.	2.1	22
255	Additive manufacturing applications in medical cases: A literature based review. Alexandria Journal of Medicine, 2018, 54, 411-422.	0.4	265
256	Dentists' opinions on using digital technologies in dental practice. Community Dentistry and Oral Epidemiology, 2018, 46, 143-153.	0.9	13
257	Influence of thermo-mechanical cycling on porcelain bonding to cobalt-chromium and titanium dental alloys fabricated by casting, milling, and selective laser melting. Journal of Prosthodontic Research, 2018, 62, 184-194.	1.1	39
258	Three-dimensional printing in contemporary fixed prosthodontics: A technique article. Journal of Prosthetic Dentistry, 2018, 119, 530-534.	1.1	33
259	Effect of annealing procedure on the bonding of ceramic to cobalt-chromium alloys fabricated by rapid prototyping. Journal of Prosthetic Dentistry, 2018, 119, 643-649.	1.1	15
260	Antimicrobial modified hydroxyapatite composite dental bite by stereolithography. Polymers for Advanced Technologies, 2018, 29, 364-371.	1.6	56
261	Accuracy of stereolithography additive casts used in a digital workflow. Journal of Prosthetic Dentistry, 2018, 119, 580-585.	1.1	42
262	Effect of Different Post-Sintering Temperatures on the Microstructures and Mechanical Properties of a Pre-Sintered Co-Cr Alloy. Metals, 2018, 8, 1036.	1.0	7
263	Bending fracture of Co-Cr dental bridges, produced by additive technologies: experimental investigation. Procedia Structural Integrity, 2018, 13, 461-468.	0.3	10

#	ARTICLE	IF	CITATIONS
264	15 CAD/CAM-Technologie. , 2018, , .		0
265	Comparison of Mechanical Properties of CAD/CAMâ€Milled and Selective Laserâ€Melted Ti-6Al-4V for Dental Superstructures. International Journal of Prosthodontics, 2018, 31, 591-593.	0.7	1
266	Properties of Co-Cr Dental Alloys Fabricated Using Additive Technologies. , 0, , .		11
267	Application of Digital Technologies in Maxillofacial Prosthetics Literature: A 10-Year Observation of Five Selected Prosthodontics Journals. International Journal of Prosthodontics, 2018, 32, 45-50.	0.7	27
268	Four-year outcomes of full-arch fixed dental prostheses using CAD/CAM frameworks: A retrospective review of 15 cases. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0.	0.5	4
269	Mechanical and cytotoxicity properties of hybrid ceramics filled polyamide 12 filament feedstock for craniofacial bone reconstruction via fused deposition modelling. Dental Materials, 2018, 34, e309-e316.	1.6	45
270	Selected problems of design and manufacturing of tailored swimming prosthesis. AIP Conference Proceedings, 2018, , .	0.3	0
271	Implant-supported prosthetic rehabilitation for the edentulous maxilla using the additive manufacturing technology: A case report. The Journal of Korean Academy of Prosthodontics, 2018, 56, 173.	0.0	0
272	Accuracy of 3-dimensional printed dental models reconstructed from digital intraoral impressions. American Journal of Orthodontics and Dentofacial Orthopedics, 2018, 154, 733-739.	0.8	88
273	Evaluation of marginal discrepancy of pressable ceramic veneer fabricated using CAD/CAM system: Additive and subtractive manufacturing. Journal of Advanced Prosthodontics, 2018, 10, 347.	1.1	13
274	Accuracy of provisional crowns made using stereolithography apparatus and subtractive technique. Journal of Advanced Prosthodontics, 2018, 10, 354.	1.1	32
275	Evaluation of the marginal and internal fit of a single crown fabricated based on a three-dimensional printed model. Journal of Advanced Prosthodontics, 2018, 10, 367.	1.1	17
276	Influence of novel implant selective laser melting framework design on mechanical durability of acrylic veneer. Clinical Implant Dentistry and Related Research, 2018, 20, 969-975.	1.6	2
277	Static computerâ€aided implant surgery (<scp>sâ€CAIS</scp>) analysing patientâ€reported outcome measures (PROMs), economics and surgical complications: A systematic review. Clinical Oral Implants Research, 2018, 29, 359-373.	1.9	62
278	Micro-/nano-topography of selective laser melting titanium enhances adhesion and proliferation and regulates adhesion-related gene expressions of human gingival fibroblasts and human gingival epithelial cells. International Journal of Nanomedicine, 2018, Volume 13, 5045-5057.	3.3	58
279	Enhanced Bonding via Additive Manufacturingâ€Enabled Surface Tailoring of 3D Printed Continuousâ€Fiber Composites. Advanced Engineering Materials, 2018, 20, 1800691.	1.6	48
280	Reliability of wear measurements of CAD-CAM restorative materials after artificial aging in a mastication simulator. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 86, 185-190.	1.5	10
281	Effect of layered manufacturing techniques, alloy powders, and layer thickness on mechanical properties of Co-Cr dental Alloys. Journal of Prosthetic Dentistry, 2018, 120, 762-770.	1.1	16

#	ARTICLE	IF	CITATIONS
282	Scanning Electron Microscopy Analysis of the Adaptation of Single-Unit Screw-Retained Computer-Aided Design/Computer-Aided Manufacture Abutments After Mechanical Cycling. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, 127-136.	0.6	11
283	An analytical model to design circumferential clasps for laser-sintered removable partial dentures. <i>Dental Materials</i> , 2018, 34, 1474-1482.	1.6	10
284	Clinical Performance of One-Piece, Screw-Retained Implant Crowns Based on Hand-Veneered CAD/CAM Zirconia Abutments After a Mean Follow-up Period of 2.3 Years. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, 188-196.	0.6	11
285	Evaluating the effectiveness of a preclinical practice of tooth preparation using digital training system: A randomised controlled trial. <i>European Journal of Dental Education</i> , 2018, 22, e679-e686.	1.0	25
286	Evaluation of Operating Time and Patient Perception Using Conventional Impression Taking and Intraoral Scanning for Crown Manufacture: A Split-mouth, Randomized Clinical Study. <i>International Journal of Prosthodontics</i> , 2018, 31, 55-59.	0.7	21
287	Metal-ceramic bond strength between a feldspathic porcelain and a Co-Cr alloy fabricated with Direct Metal Laser Sintering technique. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 25.	1.1	23
288	The Use of a Hybrid Pillar and Its Importance for Aesthetic Rehabilitation and Tissue Stability: A Clinical Report. <i>Case Reports in Dentistry</i> , 2018, 2018, 1-6.	0.2	2
289	Discrepancy of complete-arch titanium frameworks manufactured using selective laser melting and electron beam melting additive manufacturing technologies. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 942-947.	1.1	46
290	Custom-Made Direct Metal Laser Sintering Titanium Subperiosteal Implants: A Retrospective Clinical Study on 70 Patients. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	41
291	Wear Resistance of 3D Printing Resin Material Opposing Zirconia and Metal Antagonists. <i>Materials</i> , 2018, 11, 1043.	1.3	41
292	Effect of manufacturing techniques on the marginal and internal fit of cobalt-chromium implant-supported multiunit frameworks. <i>Journal of Prosthetic Dentistry</i> , 2018, 120, 715-720.	1.1	36
293	The workflows of a novel self-glazed zirconia for dental prostheses fabrication: case reports. <i>Advances in Applied Ceramics</i> , 2018, 117, 406-413.	0.6	5
294	Accuracy evaluation of dental models manufactured by CAD/CAM milling method and 3D printing method. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 245.	1.1	88
295	Effects of build orientation on 3D-printed Co-Cr-Mo: surface topography and L929 fibroblast cellular response. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 867-880.	1.5	21
296	Utilizing a low-cost desktop 3D printer to develop a "one-stop 3D printing lab" for oral and maxillofacial surgery and dentistry fields. <i>3D Printing in Medicine</i> , 2018, 4, 6.	1.7	51
297	3D printing in dentistry. <i>Journal of 3D Printing in Medicine</i> , 2018, 2, 89-91.	1.0	31
298	The effect of glazing and aging on the surface properties of CAD/CAM resin blocks. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 50.	1.1	23
299	Perspective of Additive Manufacturing Selective Laser Melting in Co-Cr-Mo Alloy in the Consolidation of Dental Prosthesis. , 0, , .		6

#	ARTICLE	IF	CITATIONS
300	3D Volume Rendering and 3D Printing (Additive Manufacturing). <i>Dental Clinics of North America</i> , 2018, 62, 393-402.	0.8	44
301	A pilot study of digital recording of edentulous jaw relations using a handheld scanner and specially designed headgear. <i>Scientific Reports</i> , 2018, 8, 8975.	1.6	12
302	Water ageing of urethane dimethacrylate networks. <i>Polymer Degradation and Stability</i> , 2018, 154, 195-202.	2.7	15
303	3D printed replicas for endodontic education. <i>International Endodontic Journal</i> , 2019, 52, 123-130.	2.3	87
304	Replacement of maxillary incisor crowns over discolored substrates in a single visit with a CAD-CAM system and lithium silicate ceramic. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 22-25.	1.1	6
305	Internal adaptation of cobalt-chromium posts fabricated by selective laser melting technology. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 455-460.	1.1	10
306	Digital tools and 3D printing technologies integrated into the workflow of restorative treatment: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 3-8.	1.1	46
307	Trueness analysis of zirconia crowns fabricated with 3-dimensional printing. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 285-291.	1.1	128
308	Randomized controlled clinical trial of digital and conventional workflows for the fabrication of zirconia-ceramic posterior fixed partial dentures. Part II: Time efficiency of CAD-CAM versus conventional laboratory procedures. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 252-257.	1.1	33
309	Fracture resistance and 2-body wear of 3-dimensional 3D printed occlusal devices. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 166-172.	1.1	48
310	Accuracy of Dental Replica Models Using Photopolymer Materials in Additive Manufacturing: In Vitro Three-Dimensional Evaluation. <i>Journal of Prosthodontics</i> , 2019, 28, e557-e562.	1.7	36
311	Comparison of Overall Fit of Milled and Laser-Sintered CAD/CAM Crown Copings. <i>International Journal of Dentistry</i> , 2019, 2019, 1-5.	0.5	5
312	Effects of Printing Parameters on the Fit of Implant-Supported 3D Printing Resin Prosthetics. <i>Materials</i> , 2019, 12, 2533.	1.3	82
313	Clinical efficacy of different marginal forms of endocrowns: study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 454.	0.7	10
314	Fracture Resistance of Additively Manufactured Zirconia Crowns when Cemented to Implant Supported Zirconia Abutments: An in vitro Study. <i>Journal of Prosthodontics</i> , 2019, 28, 893-897.	1.7	38
315	Comparison of the accuracy of intraoral scanner by three-dimensional analysis in single and 3-unit bridge abutment model: In vitro study. <i>The Journal of Korean Academy of Prosthodontics</i> , 2019, 57, 102.	0.0	4
316	Additive manufacturing process creates local surface roughness modifications leading to variation in cell adhesion on multifaceted TiAl6V4 samples. <i>Bioprinting</i> , 2019, 16, e00054.	2.9	23
317	Direct printing of metal contacts on 4H-SiC for radiation detection. <i>AIP Advances</i> , 2019, 9, .	0.6	3

#	ARTICLE	IF	CITATIONS
318	Free Riding without Dead Weight Losses. Sustainability, 2019, 11, 5168.	1.6	1
319	A novel digital dentistry platform based on cloud manufacturing paradigm. International Journal of Computer Integrated Manufacturing, 2019, 32, 1024-1042.	2.9	15
320	Challenges of the Direct Filling Technique, Adoption of CAD/CAM Techniques, and Attitudes Toward 3D Printing for Restorative Treatments Among Finnish Dentists. International Journal of Prosthodontics, 2019, 32, 402-410.	0.7	5
321	Three-Dimensional Evaluation on Accuracy of Conventional and Milled Gypsum Models and 3D Printed Photopolymer Models. Materials, 2019, 12, 3499.	1.3	35
322	Metamaterial Embedded Optical Devices for Millimeter Wave and Terahertz Applications. , 2019, , .		0
323	Digital Evaluation of the Accuracy of Computer-Guided Dental Implant Placement: An In Vitro Study. Applied Sciences (Switzerland), 2019, 9, 3373.	1.3	5
324	Three-dimensional printing of metals for biomedical applications. Materials Today Bio, 2019, 3, 100024.	2.6	150
325	Bending fracture of Co-Cr dental bridges, produced by additive technologies: Simulation analysis and test. Engineering Fracture Mechanics, 2019, 218, 106583.	2.0	3
326	Evaluation of mechanical properties of new elastomer material applicable for dental 3D printer. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 100, 103390.	1.5	6
327	Combining Intraoral and Face Scans for the Design and Fabrication of Computer-Assisted Design/Computer-Assisted Manufacturing (CAD/CAM) Polyether-Ether-Ketone (PEEK) Implant-Supported Bars for Maxillary Overdentures. Scanning, 2019, 2019, 1-14.	0.7	34
328	A noninvasive esthetic treatment of isolated microdontia using new high-translucent cubic-phase zirconia (5Y-PSZ) laminate veneers: A case report. The Journal of Korean Academy of Prosthodontics, 2019, 57, 263.	0.0	4
329	Effect of abutment superimposition process of dental model scanner on final virtual model. The Journal of Korean Academy of Prosthodontics, 2019, 57, 203.	0.0	2
330	Minimal invasive microscopic tooth preparation in esthetic restoration: a specialist consensus. International Journal of Oral Science, 2019, 11, 31.	3.6	54
331	Effect of layer thickness on the marginal and internal adaptation of laser-sintered metal frameworks. Journal of Prosthetic Dentistry, 2019, 121, 922-928.	1.1	15
332	Assessment of metal sleeve-free 3D-printed implant surgical guides. Dental Materials, 2019, 35, 468-476.	1.6	36
333	Digital implant planning and guided implant surgery " workflow and reliability. British Dental Journal, 2019, 226, 101-108.	0.3	33
334	A global perspective on implant education: Cluster analysis of the "first dental implant experience" of dentists from 84 nationalities. European Journal of Dental Education, 2019, 23, 251-265.	1.0	15
335	Digital Implant Surgery. , 2019, , 181-205.		0

#	ARTICLE	IF	CITATIONS
336	Interaction of a universal adhesive with different surface treatments with feldspathic ceramics. Saudi Dental Journal, 2019, 31, 350-354.	0.5	3
337	Adhesion Strength of Ceramic Coatings to Dental Ni-Cr Alloy Fabricated by Casting with 3D Printed Patterns. Russian Metallurgy (Metally), 2019, 2019, 385-391.	0.1	3
338	Use of Digital Technology to Improve Objective and Reliable Assessment in Dental Student Simulation Laboratories. Journal of Dental Education, 2019, 83, 1224-1232.	0.7	19
340	Fabrication of Dental Restorations Using Digital Technologies: Techniques and Materials. , 2019, , 55-91.		3
341	Digital Tissue Preservation Concept: A Workflow for Guided Immediate Implant Placement and Restoration. Journal of Prosthodontics, 2019, 28, 613-617.	1.7	4
342	Acrylic denture base materials. , 2019, , 79-104.		5
343	Microstructures and metal-ceramic bond properties of Co-Cr biomedical alloys fabricated by selective laser melting and casting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 759, 594-602.	2.6	25
344	An In Vitro Study of Osteoblast Response on Fused-Filament Fabrication 3D Printed PEEK for Dental and Cranio-Maxillofacial Implants. Journal of Clinical Medicine, 2019, 8, 771.	1.0	74
345	Intrasubject comparison of digital vs. conventional workflow for screw-retained single-implant crowns: Prosthodontic and patient-centered outcomes. Clinical Oral Implants Research, 2019, 30, 892-902.	1.9	32
346	Two-visit placement of immediate dentures with the aid of digital technologies. Journal of the American Dental Association, 2019, 150, 618-623.	0.7	6
347	<i>In vitro</i> evaluation of the wear resistance of provisional resin materials fabricated by different methods. The Journal of Korean Academy of Prosthodontics, 2019, 57, 110.	0.0	11
348	Additive Manufacturing from a Biomedical Perspective. , 2019, , .		1
349	The effects of universal adhesive and innovative fabrication techniques of metal-ceramic restorations on repair strength of porcelain fracture with metal exposure. Journal of Adhesion Science and Technology, 2019, 33, 1102-1111.	1.4	2
350	Manufacturing of Metal Frameworks for Full-Arch Dental Restoration on Implants: A Comparison between Milling and a Novel Hybrid Technology. Journal of Prosthodontics, 2019, 28, 556-563.	1.7	13
351	Polymethacrylates. , 2019, , 217-271.		1
352	Enabling Applications of Covalent Adaptable Networks. Annual Review of Chemical and Biomolecular Engineering, 2019, 10, 175-198.	3.3	134
353	Antimicrobial Thiol-ene-acrylate Photosensitive Resins for DLP 3D Printing. Photochemistry and Photobiology, 2019, 95, 1219-1229.	1.3	35
354	Additive Manufacturing: Current Concepts, Methods, and Applications in Oral Health Care. , 2019, , 103-122.		7

#	ARTICLE	IF	CITATIONS
355	Dimensional precision of implant-supported frameworks fabricated by 3D printing. Journal of Prosthetic Dentistry, 2019, 122, 38-45.	1.1	40
356	Effect of Bonding Agent on Metal-Ceramic Bond Strength between Co-Cr Fabricated with Selective Laser Melting and Dental Feldspathic Porcelain. Journal of Prosthodontics, 2019, 28, 1029-1036.	1.7	15
357	A review of additive manufacturing in conservative dentistry and endodontics part 1: basic principles. Dental Update, 2019, 46, 125-132.	0.1	0
358	Three dimensional printing of metamaterial embedded geometrical optics (MEGO). Microsystems and Nanoengineering, 2019, 5, 16.	3.4	46
359	Effects of substrate, ceramic thickness, translucency, and cement shade on the color of CAD/CAM lithium-disilicate crowns. Journal of Esthetic and Restorative Dentistry, 2019, 31, 457-464.	1.8	43
360	Porous Osseoconductive Layering for Enhancement of Osseointegration. , 2019, , 141-162.		1
361	Accuracy of Customized Prefabricated Screw-Type Immediate Provisional Restorations after Single-Implant Placement. Journal of Clinical Medicine, 2019, 8, 490.	1.0	8
362	Esthetic Rehabilitation of Maxillary Anterior Teeth, Including an Immediate Provisionalization with an Implant-Supported Fixed Dental Prosthesis. Journal of Clinical Medicine, 2019, 8, 428.	1.0	3
363	Additive manufacturing of ceramics for dental applications: A review. Dental Materials, 2019, 35, 825-846.	1.6	264
364	Effect of finish line design and metal alloy on the marginal and internal gaps of selective laser melting printed copings. Journal of Prosthetic Dentistry, 2019, 122, 143-151.	1.1	12
365	Medicolegal and Ethical Considerations in Oral Surgery by the General Dentist. , 2019, , 103-125.		0
366	Accuracy of crowns based on digital intraoral scanning compared to conventional impression a split-mouth randomised clinical study. Clinical Oral Investigations, 2019, 23, 4043-4050.	1.4	36
367	The effect of layer thickness on the porcelain bond strength of laser-sintered metal frameworks. Journal of Prosthetic Dentistry, 2019, 122, 76-81.	1.1	7
368	The Current State of Chairside Digital Dentistry and Materials. Dental Clinics of North America, 2019, 63, 175-197.	0.8	122
370	Accuracy of Intra-oral Scans Compared to Conventional Impression in Vitro. Primary Dental Journal, 2019, 8, 34-39.	0.3	8
371	Additive Fabrication and Additive Technique: A Survey. , 2019, , .		1
372	Application of CAD / CAM Technology on Facial, Oral and Cranial Region: A Review. , 2019, , .		0
373	Mapping of Color Information from Camera Images to 3D Models for the Manufacturing of Aesthetic Dentures. , 2019, 2019, 386-391.		0

#	ARTICLE	IF	CITATIONS
374	Digital approach integrating 3D facial scan and a virtual mockup for esthetic restorative treatment: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2019, 57, 425.	0.0	0
375	Research progress of 3D printing materials in stomatology. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 332, 032013.	0.2	3
376	Fabricating a reduction guide for parallel guiding planes with computer-aided design and computer-aided manufacturing technology. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 749-753.	1.1	8
377	Additive Manufacturing of Biomaterials – The Evolution of Rapid Prototyping. <i>Advanced Engineering Materials</i> , 2019, 21, 1800511.	1.6	103
378	Fully digital fabrication of an occlusal device using an intraoral scanner and 3D printing: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 576-580.	1.1	24
379	The potential of three-dimensional printing technologies to unlock the development of new “bio-inspired” dental materials: an overview and research roadmap. <i>Journal of Prosthodontic Research</i> , 2019, 63, 131-139.	1.1	17
380	3D printing dental composite resins with sustaining antibacterial ability. <i>Journal of Materials Science</i> , 2019, 54, 3309-3318.	1.7	42
381	Microstructural, mechanical, ionic release and tarnish resistance characterization of porcelain fused to metal Co–Cr alloys manufactured via casting and three different CAD/CAM techniques. <i>Journal of Prosthodontic Research</i> , 2019, 63, 150-156.	1.1	26
382	Accuracy of Casts Fabricated by Digital and Conventional Implant Impressions. <i>Journal of Oral Implantology</i> , 2019, 45, 94-99.	0.4	19
383	Mechanical properties of computer-aided design/computer-aided manufacturing resin composites assuming perfect silane coupling using in silico homogenization of cryo-electron microscopy images. <i>Journal of Prosthodontic Research</i> , 2019, 63, 90-94.	1.1	11
384	Laboratory workflow to obtain long-term injected resin composite interim restorations from an additive manufactured esthetic diagnostic template. <i>Journal of Esthetic and Restorative Dentistry</i> , 2019, 31, 13-19.	1.8	9
385	Marginal and internal fit of CAD-CAM inlay/onlay restorations: A systematic review of in vitro studies. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 590-597.e3.	1.1	105
386	Effect of processing parameters on the densification, microstructure and crystallographic texture during the laser powder bed fusion of pure tungsten. <i>International Journal of Refractory Metals and Hard Materials</i> , 2019, 78, 254-263.	1.7	78
387	Retentive force of PEEK secondary crowns on zirconia primary crowns over time. <i>Clinical Oral Investigations</i> , 2019, 23, 2331-2338.	1.4	21
388	Interfacial Fracture Toughness of Adhesive Resin Cement–Lithium Disilicate/Resin Composite Blocks. <i>Journal of Prosthodontics</i> , 2019, 28, e243-e251.	1.7	10
389	Additive Manufacturing Technologies Used for Processing Polymers: Current Status and Potential Application in Prosthetic Dentistry. <i>Journal of Prosthodontics</i> , 2019, 28, 146-158.	1.7	278
390	Comparing the accuracy (trueness and precision) of models of fixed dental prostheses fabricated by digital and conventional workflows. <i>Journal of Prosthodontic Research</i> , 2019, 63, 25-30.	1.1	72
391	Accuracy of 3-unit fixed dental prostheses fabricated on 3D-printed casts. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 135-142.	1.1	32

#	ARTICLE	IF	CITATIONS
392	Effects of build conditions and angle acuteness on edge reproducibility of casting patterns fabricated using digital light projection. <i>Dental Materials Journal</i> , 2020, 39, 135-140.	0.8	3
393	Combining 3D-printed metal and resin for digitally fabricated dentures: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 389-392.	1.1	14
394	Digital approach to fabricating an implant indexing device for dental implant abutments. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 393-397.	1.1	2
395	Influence of surface airborne-particle abrasion and bonding agent application on porcelain bonding to titanium dental alloys fabricated by milling and by selective laser melting. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 491-499.	1.1	18
396	The potential of additive manufacturing technologies and their processing parameters for the fabrication of all-ceramic crowns: A review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 182-192.	1.8	90
397	Assessment of the Adaptation of Interim Crowns using Different Measurement Techniques. <i>Journal of Prosthodontics</i> , 2020, 29, 87-93.	1.7	26
398	Color dimensions of additive manufactured interim restorative dental material. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 754-760.	1.1	39
399	Fracture Toughness, Flexural Strength, and Flexural Modulus of New CAD/CAM Resin Composite Blocks. <i>Journal of Prosthodontics</i> , 2020, 29, 34-41.	1.7	34
400	Denture flask fabrication using fused deposition modeling three-dimensional printing. <i>Journal of Prosthodontic Research</i> , 2020, 64, 231-234.	1.1	15
401	Evaluation of the marginal fit of metal copings fabricated by using 3 different CAD-CAM techniques: Milling, stereolithography, and 3D wax printer. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 81-86.	1.1	35
402	Flexible flow line scheduling considering machine eligibility in a digital dental laboratory. <i>International Journal of Production Research</i> , 2020, 58, 6513-6531.	4.9	24
403	Marginal fit of CAD-CAM monolithic zirconia crowns fabricated by using cone beam computed tomography scans. <i>Journal of Prosthetic Dentistry</i> , 2020, 123, 731-737.	1.1	7
404	Screening for extractables in additive-manufactured acrylonitrile butadiene styrene orthopedic cast. <i>Talanta</i> , 2020, 212, 120464.	2.9	9
405	Patient Perceptions of New Robotic Technologies in Clinical Restorative Dentistry. <i>Journal of Medical Systems</i> , 2020, 44, 33.	2.2	9
406	Selective laser melted titanium implants play a positive role in early osseointegration in type 2 diabetes mellitus rats. <i>Dental Materials Journal</i> , 2020, 39, 214-221.	0.8	13
407	Bonding to industrial indirect composite blocks: A systematic review and meta-analysis. <i>Dental Materials</i> , 2020, 36, 119-134.	1.6	29
408	Comparison of various 3D printed and milled PAEK materials: Effect of printing direction and artificial aging on Martens parameters. <i>Dental Materials</i> , 2020, 36, 197-209.	1.6	45
409	Changes in Optical Characteristics and Surface Topography of CAD/CAM Materials after Bleaching Applications: An AFM Evaluation. <i>Journal of Prosthodontics</i> , 2020, 29, 226-236.	1.7	17

#	ARTICLE	IF	CITATIONS
410	Dimensional Accuracy of Dental Casting Patterns Fabricated Using Consumer 3D Printers. <i>Polymers</i> , 2020, 12, 2244.	2.0	10
411	Accuracy evaluation of 3D printed interim prosthesis fabrication using a CBCT scanning based digital model. <i>PLoS ONE</i> , 2020, 15, e0240508.	1.1	11
412	Mechanical behaviour of 3D printed vs thermoformed clear dental aligner materials under non-linear compressive loading using FEM. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104045.	1.5	33
413	Weighted mandibular complete denture fabricated by using selective laser melting: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 144-149.	1.1	1
414	Nanotechnology in dentistry: Present and future perspectives on dental nanomaterials. <i>Dental Materials</i> , 2020, 36, 1365-1378.	1.6	103
415	Prosthodontic Applications of Polymethyl Methacrylate (PMMA): An Update. <i>Polymers</i> , 2020, 12, 2299.	2.0	270
416	Inhomogeneous mechanical properties in additively manufactured parts characterized by nondestructive laser ultrasound technique. <i>NDT and E International</i> , 2020, 116, 102340.	1.7	11
417	Dimensional accuracy and surface characteristics of 3D-printed dental casts. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 427-437.	1.1	40
418	3D Printing Approach in Dentistry: The Future for Personalized Oral Soft Tissue Regeneration. <i>Journal of Clinical Medicine</i> , 2020, 9, 2238.	1.0	49
419	Comprehensive assessment of spatter material generated during selective laser melting of stainless steel. <i>Materials Today Communications</i> , 2020, 25, 101294.	0.9	24
420	Trueness of removable partial denture frameworks additively manufactured with selective laser melting. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 122-127.	1.1	21
421	CAD-CAM milled complete dentures with custom disks and prefabricated artificial teeth: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 55-58.	1.1	19
422	Mechanical Properties of Selective Laser Sintering Pure Titanium and Ti-6Al-4V, and Its Anisotropy. <i>Materials</i> , 2020, 13, 5081.	1.3	11
423	Microstructure, mechanical properties, and retentive forces of cobalt-chromium removable partial denture frameworks fabricated by selective laser melting followed by heat treatment. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 115-121.	1.1	14
424	Evaluation of trueness in a denture base fabricated by using CAD-CAM systems and adaptation to the socketed surface of denture base: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 108-114.	1.1	11
425	Effects of Post-Curing Time on the Mechanical and Color Properties of Three-Dimensional Printed Crown and Bridge Materials. <i>Polymers</i> , 2020, 12, 2762.	2.0	101
426	Influence of the Postcuring Process on Dimensional Accuracy and Seating of 3D-Printed Polymeric Fixed Prostheses. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	9
427	Effects of printing layer thickness on mechanical properties of 3D-printed custom trays. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 671.e1-671.e7.	1.1	17

#	ARTICLE	IF	CITATIONS
428	Comparison of marginal and internal fit of pressed lithium disilicate veneers fabricated via a manual waxing technique versus a 3D printed technique. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 715-720.	1.8	13
429	Evaluation of the accuracy of digital and 3D-printed casts compared with conventional stone casts. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 438-444.	1.1	22
430	Programmable 4D-Printed Responsive Structures. <i>Key Engineering Materials</i> , 0, 856, 317-322.	0.4	4
431	Changes in tribological and antibacterial properties of poly(methyl methacrylate)-based 3D-printed intra-oral appliances by incorporating nanodiamonds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103992.	1.5	25
432	Fused deposition modelling: a review. <i>Rapid Prototyping Journal</i> , 2020, 26, 176-201.	1.6	207
433	Highly translucent dental resin composites through refractive index adaption using zirconium dioxide nanoparticles and organic functionalization. <i>Dental Materials</i> , 2020, 36, 1332-1342.	1.6	21
434	Additive manufacturing of dental prosthesis using pristine and recycled zirconia solvent-based slurry stereolithography. <i>Ceramics International</i> , 2020, 46, 28701-28709.	2.3	20
435	Fabrication of Dental Crown by Optical Coherence Tomography: A Pilot Study. <i>IEEE Access</i> , 2020, 8, 144969-144975.	2.6	2
436	Materials for Dentistry – Raising the Bar. <i>Frontiers in Dental Medicine</i> , 2020, 1, .	0.5	5
437	Flexural Strength of 3D-Printing Resin Materials for Provisional Fixed Dental Prostheses. <i>Materials</i> , 2020, 13, 3970.	1.3	56
438	How to Obtain an Orthodontic Virtual Patient through Superimposition of Three-Dimensional Data: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5354.	1.3	6
439	A Digital Esthetic Rehabilitation of a Patient with Dentinogenesis Imperfecta Type II: A Clinical Report. <i>Journal of Prosthodontics</i> , 2020, 29, 643-650.	1.7	3
440	SRFNet: Spatial Relationship Feature Network for Tooth Point Cloud Classification. <i>Computer Graphics Forum</i> , 2020, 39, 267-277.	1.8	4
441	Mechanical Properties and Metal-Ceramic Bond Strength of Co-Cr Alloy Manufactured by Selective Laser Melting. <i>Materials</i> , 2020, 13, 5745.	1.3	22
442	The Concept of Sustainable Development of Modern Dentistry. <i>Processes</i> , 2020, 8, 1605.	1.3	16
443	Accuracy and Precision Evaluation of International Standard Spherical Model by Digital Dental Scanners. <i>Scanning</i> , 2020, 2020, 1-6.	0.7	5
444	Characterisation of CoCrMo powder for additive manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 3083-3093.	1.5	1
445	Mechanical Properties of Laser-Sintered 3D-Printed Cobalt Chromium and Soft-Milled Cobalt Chromium. <i>Prosthesis</i> , 2020, 2, 313-320.	1.1	12

#	ARTICLE	IF	CITATIONS
446	Additive Manufacturing in Dentistry: Current Technologies, Clinical Applications, and Limitations. Current Oral Health Reports, 2020, 7, 327-334.	0.5	15
447	Evaluation of the Bond Strengths between Dental Porcelain and Cobalt-Chromium Metal Frameworks Manufactured with Different Techniques after the Thermal Aging Process. Scanning, 2020, 2020, 1-9.	0.7	5
448	Effects of Steam Sterilization on 3D Printed Biocompatible Resin Materials for Surgical Guides—An Accuracy Assessment Study. Journal of Clinical Medicine, 2020, 9, 1506.	1.0	52
449	Effect of resin cement space on the fatigue behavior of bonded CAD/CAM leucite ceramic crowns. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103893.	1.5	10
450	Digital evaluation of laser scanning speed effects on the intaglio surface adaptation of laser-sintered metal frameworks. Journal of Prosthetic Dentistry, 2020, 123, 874.e1-874.e7.	1.1	6
451	Development of AM Technologies for Metals in the Sector of Medical Implants. Metals, 2020, 10, 686.	1.0	51
452	Effect of porcelain firing and cementation on the marginal fit of implant-supported metal-ceramic restorations fabricated by additive or subtractive manufacturing methods. Journal of Prosthetic Dentistry, 2020, 124, 476.e1-476.e6.	1.1	17
453	Novel Hybrid PETG Composites for 3D Printing. Applied Sciences (Switzerland), 2020, 10, 3062.	1.3	40
454	Bond strength and computational analysis for silane coupling treatments on the adhesion of resin block for CAD/CAM crowns. Dental Materials Journal, 2020, 39, 844-854.	0.8	6
455	Recent advances in additive manufacturing technology for bone tissue engineering scaffolds. International Journal of Advanced Manufacturing Technology, 2020, 108, 3591-3606.	1.5	31
456	Mechanical properties and corrosion resistance of cobalt-chrome alloy fabricated using additive manufacturing. Materials Today: Proceedings, 2020, 29, 196-201.	0.9	23
457	Influence of the CAD-CAM Systems on the Marginal Accuracy and Mechanical Properties of Dental Restorations. International Journal of Environmental Research and Public Health, 2020, 17, 4276.	1.2	16
458	Degradation of Computer-aided Design/Computer-aided Manufacturing Composites by Dietary Solvents: An Optical Three-dimensional Surface Analysis. Operative Dentistry, 2020, 45, E176-E184.	0.6	8
459	<p>A New Methodology for the Digital Planning of Micro-Implant-Supported Maxillary Skeletal Expansion</p>. Medical Devices: Evidence and Research, 2020, Volume 13, 93-106.	0.4	20
460	Investigation of 3D-printed PLA-stainless steel polymeric composite through fused deposition modelling-based additive manufacturing process for biomedical applications. Medical Devices & Sensors, 2020, 3, e10080.	2.7	8
461	Physical and surface properties of a 3D-printed composite resin for a digital workflow. Journal of Prosthetic Dentistry, 2020, 124, 614.e1-614.e5.	1.1	41
462	Influence of thermomechanical aging on marginal gap of CAD-CAM and conventional interim restorations. Journal of Prosthetic Dentistry, 2020, 124, 566.e1-566.e6.	1.1	15
463	Marginal and internal discrepancy of 3-unit fixed dental prostheses fabricated by subtractive and additive manufacturing. The Journal of Korean Academy of Prosthodontics, 2020, 58, 7.	0.0	1

#	ARTICLE	IF	CITATIONS
464	Color stability of three dimensional-printed denture teeth exposed to various colorants. <i>The Journal of Korean Academy of Prosthodontics</i> , 2020, 58, 1.	0.0	12
465	3D printing in dentistry – Exploring the new horizons. <i>Materials Today: Proceedings</i> , 2020, 26, 838-841.	0.9	26
466	Toward Stimuli-Responsive Dynamic Thermosets through Continuous Development and Improvements in Covalent Adaptable Networks (CANs). <i>Advanced Materials</i> , 2020, 32, e1906876.	11.1	273
467	The adverse effects of tungsten carbide grinding on the strength of dental zirconia. <i>Dental Materials</i> , 2020, 36, 560-569.	1.6	11
468	Additive manufacturing of dental polymers: An overview on processes, materials and applications. <i>Dental Materials Journal</i> , 2020, 39, 345-354.	0.8	80
469	Materials in digital dentistry – A review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020, 32, 171-181.	1.8	123
470	Photopolymer Resins with Biobased Methacrylates Based on Soybean Oil for Stereolithography. <i>ACS Applied Polymer Materials</i> , 2020, 2, 949-957.	2.0	91
471	The use of selective laser melting in the fabrication of maxillary and mandibular metal base complete dentures for a patient with Ehlers-Danlos syndrome: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 509-513.	1.1	4
472	Fracture load of 3D printed PEEK inlays compared with milled ones, direct resin composite fillings, and sound teeth. <i>Clinical Oral Investigations</i> , 2020, 24, 3457-3466.	1.4	22
473	Novel fabrication method for clear and hard tooth aligner through additive manufacturing technology: A pilot study. <i>Materials Today: Proceedings</i> , 2020, 28, 551-555.	0.9	3
474	Marginal and internal fit of provisional crowns fabricated using 3D printing technology. <i>Technology and Health Care</i> , 2020, 28, 635-642.	0.5	28
475	Orientation-Dependent Deformation Behavior of 316L Steel Manufactured by Laser Metal Deposition and Casting under Local Scratch and Indentation Load. <i>Materials</i> , 2020, 13, 1765.	1.3	8
476	3D-printed Surgical Training Model Based on Real Patient Situations for Dental Education. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2901.	1.2	25
477	Esthetic Oral Rehabilitation with Veneers. , 2020, , .		2
478	Effect of build orientation on the manufacturing process and the properties of stereolithographic dental ceramics for crown frameworks. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 453-461.	1.1	19
479	Evaluation of the adaptation of complete denture metal bases fabricated with dental CAD-CAM systems: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 479-485.	1.1	21
480	Effect of distance between the abutment and the adjacent teeth on intraoral scanning: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 911-917.	1.1	14
481	Dimensional accuracy and clinical adaptation of ceramic crowns fabricated with the stereolithography technique. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 657-663.	1.1	36

#	ARTICLE	IF	CITATIONS
482	Bond strength of CAD-CAM and conventional veneering materials to different frameworks. Journal of Prosthetic Dentistry, 2021, 125, 664-673.	1.1	5
483	Development of patient specific bio-polymer incisor teeth by 3D printing process: A case study. Materials Today: Proceedings, 2021, 39, 1303-1308.	0.9	6
484	Volume of unsupported peri-implant soft tissue over time: A cross-sectional observation study. Journal of Prosthetic Dentistry, 2021, 125, 883-889.	1.1	3
485	Shear bond strength of provisional repair materials bonded to 3D printed resin. Journal of Dental Sciences, 2021, 16, 261-267.	1.2	15
486	Evaluation of the accuracy (trueness and precision) of a maxillary trial denture according to the layer thickness: An in vitro study. Journal of Prosthetic Dentistry, 2021, 125, 139-145.	1.1	32
487	In vitro investigations on retention force behavior of conventional and modern double crown systems. Dental Materials, 2021, 37, 191-200.	1.6	6
488	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.	1.5	53
489	Performance of stereolithography and milling in fabricating monolithic zirconia crowns with different finish line designs. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104255.	1.5	30
490	3D printing in dental implants. , 2021, , 83-104.		7
491	The apoptotic and autophagic effects of cast Au-Pt, and differently manufactured Co-Cr and cp-Ti on three-dimensional oral mucosal model. Materials Science and Engineering C, 2021, 120, 111672.	3.8	5
492	Making use of three-dimensional models of teeth, manufactured by stereolithographic technology, in practical teaching of endodontics. European Journal of Dental Education, 2021, 25, 299-304.	1.0	10
493	Analysis of the mechanical and physicochemical properties of Ti-6Al-4V discs obtained by selective laser melting and subtractive manufacturing method. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 420-427.	1.6	22
495	Microcomputed tomography evaluation of cement film thickness of veneers and crowns made with conventional and 3D printed provisional materials. Journal of Esthetic and Restorative Dentistry, 2021, 33, 487-495.	1.8	17
496	Aplicabilidade do desenvolvimento tecnológico nas reabilitações orais: relato de caso. Research, Society and Development, 2021, 10, e57010112158.	0.0	0
497	Research on the Development of Chinese and Foreign Denture Technology. IOP Conference Series: Earth and Environmental Science, 0, 632, 032062.	0.2	0
498	Trends in the 3D-Printing Parts for Medical and Dental Implant Technologies. , 2021, , .		0
499	Digital Impressions. , 2021, , 169-187.		0
500	Applications of Additive Manufacturing. Springer Series in Advanced Manufacturing, 2021, , 201-226.	0.2	4

#	ARTICLE	IF	CITATIONS
501	Calibration of Structured Light Scanning System. International Journal of Advanced Network, Monitoring, and Controls, 2021, 6, 56-64.	0.2	0
502	Additive Manufacturing Processes in Medical Applications. Materials, 2021, 14, 191.	1.3	200
503	Selective Laser Sintering versus Selective Laser Melting and Computer Aided Design “ Computer Aided Manufacturing in Double Crowns Retention. Journal of Prosthodontic Research, 2021, 65, 371-378.	1.1	7
504	Effect of rinsing time on the accuracy of interim crowns fabricated by digital light processing: An <i>in vitro</i> study. Journal of Advanced Prosthodontics, 2021, 13, 24.	1.1	6
505	Comparative analysis of distance measurement on the rendering screen between dental CAD programs. The Journal of Korean Academy of Prosthodontics, 2021, 59, 11.	0.0	0
506	Current Status, Applications, and Factors Affecting Implementation of Additive Manufacturing in Indian Healthcare Sector: A Literature-Based Review. Lecture Notes in Mechanical Engineering, 2021, , 1015-1030.	0.3	2
507	Dental 3D-Printing: Transferring Art from the Laboratories to the Clinics. Polymers, 2021, 13, 157.	2.0	94
508	Durable Oral Biofilm Resistance of 3D-Printed Dental Base Polymers Containing Zwitterionic Materials. International Journal of Molecular Sciences, 2021, 22, 417.	1.8	29
509	Marginal and internal fit of crowns based on additive or subtractive manufacturing. Biomaterial Investigations in Dentistry, 2021, 8, 87-91.	3.0	8
510	Digitization in Operative Dentistry. , 2021, , 277-303.		0
511	Evaluation of Internal Fit and Marginal Adaptation of Provisional Crowns Fabricated with Three Different Techniques. Sensors, 2021, 21, 740.	2.1	14
512	Accuracy evaluation of complete-arch models manufactured by three different 3D printing technologies: a three-dimensional analysis. Journal of Prosthodontic Research, 2021, 65, 365-370.	1.1	27
513	3D printing equipment in medicine. , 2021, , 223-261.		1
514	Interdisciplinary rehabilitation of a patient with ectodermal dysplasia utilizing digital tools: A clinical report. Journal of Prosthetic Dentistry, 2022, 127, 675-679.	1.1	5
515	Clinical Performance of Two Types of Primary Molar Indirect Crowns Fabricated by 3D Printer and CAD/CAM for Rehabilitation of Large Carious Primary Molars. European Journal of Dentistry, 2021, 15, 463-468.	0.8	6
516	Effect of layer thickness on the flexural strength of multiple-unit laser-sintered metal frameworks. Journal of Prosthetic Dentistry, 2022, 127, 651-658.	1.1	4
517	Fused filament printing of specialized biomedical devices: a state-of-the art review of technological feasibilities with PEEK. Rapid Prototyping Journal, 2021, 27, 592-616.	1.6	20
518	The impact of Additive Manufacturing on the product-process matrix. Production Planning and Control, 0, , 1-17.	5.8	8

#	ARTICLE	IF	CITATIONS
519	Evaluation of fits of metal copings fabricated by using selective laser melting at various angles. Journal of Prosthetic Dentistry, 2022, 128, 415-420.	1.1	3
520	Effects of Veneering Ceramic and Methods on Failure Load of Veneered Zirconia. Applied Sciences (Switzerland), 2021, 11, 2129.	1.3	2
521	Three-dimensionally printed and milled polyphenylene sulfone materials in dentistry: Tensile bond strength to veneering composite resin and surface properties after different pretreatments. Journal of Prosthetic Dentistry, 2022, 128, 93-99.	1.1	4
522	Digital versus conventional workflow for the fabrication of physical casts for fixed prosthodontics: A systematic review of accuracy. Journal of Prosthetic Dentistry, 2022, 128, 25-32.	1.1	14
523	3D printing restorative materials using a stereolithographic technique: a systematic review. Dental Materials, 2021, 37, 336-350.	1.6	119
524	In Vitro Comparison of Marginal and Internal Fit of Zirconia Copings Fabricated by One CAD/CAM System with Two Different Scanners. Frontiers in Dentistry, 0, , .	0.6	1
525	Effects of build orientation on adaptation of casting patterns for three-unit partial fixed dental prostheses fabricated by using digital light projection. Journal of Prosthetic Dentistry, 2022, 128, 1047-1054.	1.1	11
526	Manufacturing accuracy and volumetric changes of stereolithography additively manufactured zirconia with different porosities. Journal of Prosthetic Dentistry, 2022, 128, 211-215.	1.1	24
527	Effect of Digital Technologies on the Marginal Accuracy of Conventional and Cantilever Coâ€“Cr Posterior-Fixed Partial Dentures Frameworks. Applied Sciences (Switzerland), 2021, 11, 2988.	1.3	1
529	Comparison of shrinkage according to thickness of photopolymerization resin for 3D printing. Journal of Korean Academy of Dental Technology, 2021, 43, 1-5.	0.4	3
530	Selective Laser Melted Titanium Alloy for Transgingival Components: Influence of Surface Condition on Fibroblast Cell Behavior. Journal of Prosthodontics, 2021, , .	1.7	2
531	Three-dimensional printing of high-mass loading electrodes for energy storage applications. InformaÄnÄ-Materialy, 2021, 3, 631-647.	8.5	50
532	Trueness and precision of artificial teeth in CAD-CAM milled complete dentures with custom disks. Journal of Prosthetic Dentistry, 2022, 128, 695-701.	1.1	7
533	Dimensional Accuracy of Dental Models for Three-Unit Prostheses Fabricated by Various 3D Printing Technologies. Materials, 2021, 14, 1550.	1.3	33
534	Step-by-Step Esthetic Rehabilitation with Chairside System. Case Reports in Dentistry, 2021, 2021, 1-6.	0.2	5
535	Computerized occlusal forces analysis in complete dentures fabricated by additive and subtractive techniques. Technology and Health Care, 2021, 29, 1-15.	0.5	10
536	Design of a Single-Tooth Model and Its Application in Oral Scan System Assessment. Scanning, 2021, 2021, 1-8.	0.7	2
537	Comparison of surface roughness and color stainability of 3-dimensionally printed interim prosthodontic material with conventionally fabricated and CAD-CAM milled materials. Journal of Prosthetic Dentistry, 2022, 128, 1094-1101.	1.1	19

#	ARTICLE	IF	CITATIONS
538	A review on current additive manufacturing technologies and materials used for fabrication of metal-ceramic fixed dental prosthesis. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 2529-2546.	1.4	14
539	Influence of polymerization pressure and post-cure treatment on conversion degree and viscoelastic properties of polymer infiltrated ceramic network. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104286.	1.5	2
540	Additively Manufactured Ingot for Interim Dental Restorations Fabrication Using a Chairside Milling Machine. <i>Journal of Prosthodontics</i> , 2021, 30, 540-543.	1.7	2
541	Influence of cleaning methods after 3D printing on two-body wear and fracture load of resin-based temporary crown and bridge material. <i>Clinical Oral Investigations</i> , 2021, 25, 5987-5996.	1.4	26
542	Microstructure, Hardness and Corrosion Resistance of Co-Cr Alloy Fabricated by Casting or Selective Laser Melting Technique. <i>Journal of the Institution of Engineers (India): Series C</i> , 2021, 102, 731-739.	0.7	1
543	Effects of Postcuring Temperature on the Mechanical Properties and Biocompatibility of Three-Dimensional Printed Dental Resin Material. <i>Polymers</i> , 2021, 13, 1180.	2.0	53
544	Influence of Heat-Treatment Cycles on the Microstructure, Mechanical Properties, and Corrosion Resistance of Co-Cr Dental Alloys Fabricated by Selective Laser Melting. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 5252-5265.	1.2	12
545	The role of additive manufacturing for biomedical applications: A critical review. <i>Journal of Manufacturing Processes</i> , 2021, 64, 828-850.	2.8	147
546	Improvements in the static/dynamic strength of porcelain fused to metal dental crowns with surface protrusions produced by selective laser melting. <i>Journal of Manufacturing Processes</i> , 2021, 65, 112-118.	2.8	2
547	Silicone key device for maxilla orientation and occlusal plane recording in a digital workflow. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 24-28.	1.1	2
548	3D Printing in Digital Prosthetic Dentistry: An Overview of Recent Developments in Additive Manufacturing. <i>Journal of Clinical Medicine</i> , 2021, 10, 2010.	1.0	108
549	Branded app atmospherics: Examining the effect of pleasure-arousal dominance in brand relationship building. <i>Journal of Retailing and Consumer Services</i> , 2021, 60, 102482.	5.3	40
550	Optimisation of Strength Properties of FDM Printed Parts—A Critical Review. <i>Polymers</i> , 2021, 13, 1587.	2.0	120
551	Evaluation of Mechanical and Physical Properties of Light and Heat Polymerized UDMA for DLP 3D Printer. <i>Sensors</i> , 2021, 21, 3331.	2.1	10
552	Impact of Sandblasting on Morphology, Structure and Conductivity of Zirconia Dental Ceramics Material. <i>Materials</i> , 2021, 14, 2834.	1.3	8
553	A Brief Review on the Evolution of Metallic Dental Implants: History, Design, and Application. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	20
554	Digital Procedures Compared to Conventional Gypsum Casts in the Manufacturing of CAD/CAM Adhesive Restorations: 3D Surface Trueness and Interfacial Adaptation Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5060.	1.3	2
555	Method, Material, and Machine: A Review for the Surgeon Using Three-Dimensional Printing for Accelerated Device Production. <i>Journal of the American College of Surgeons</i> , 2021, 232, 726-737e19.	0.2	7

#	ARTICLE	IF	CITATIONS
556	Time Efficiency of Digitally and Conventionally Produced Single-Unit Restorations. <i>Dentistry Journal</i> , 2021, 9, 62.	0.9	1
557	3D printing parameters, supporting structures, slicing, and post-processing procedures of vat-polymerization additive manufacturing technologies: A narrative review. <i>Journal of Dentistry</i> , 2021, 109, 103630.	1.7	141
558	Nanomaterials for 3D Printing of Polymers via Stereolithography: Concept, Technologies, and Applications. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100345.	1.7	21
559	Protocol for Indirect Restoration Intraoral Scanning Under Dental Dam Isolation: A Dental Technique. <i>Journal of Prosthodontics</i> , 2021, 30, 725-728.	1.7	1
560	Advances in 3D Printing for Tissue Engineering. <i>Materials</i> , 2021, 14, 3149.	1.3	55
561	Comparison of Mechanical Properties of Chairside CAD/CAM Restorations Fabricated Using a Standardization Method. <i>Materials</i> , 2021, 14, 3115.	1.3	6
562	A bibliometric indicators analysis of additive manufacturing research trends from 2010 to 2020. <i>Rapid Prototyping Journal</i> , 2021, 27, 1432-1454.	1.6	21
563	Differences in electrochemical corrosion behaviours between selective laser melted and wrought Ti6Al4V alloys in acid fluoride-containing artificial saliva. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 1619-1633.	1.5	3
564	A novel CAD/CAM resin composite block with high mechanical properties. <i>Dental Materials</i> , 2021, 37, 1150-1155.	1.6	19
565	Mechanical degradation of contemporary CAD/CAM resin composite materials after water ageing. <i>Dental Materials</i> , 2021, 37, 1156-1167.	1.6	19
566	Glass-ceramics in the CaO-MgO-Al ₂ O ₃ -SiO ₂ system as potential dental restorative materials. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1938-1949.	1.1	12
567	A three-dimensional dental model restoration method based on tooth feature contours. <i>Engineering Computations</i> , 2021, 38, 3608-3621.	0.7	0
568	Design of an innovative new extrusion system for a printing machine for ceramics. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 117, 591-603.	1.5	4
569	A Review of 3D Printing in Dentistry: Technologies, Affecting Factors, and Applications. <i>Scanning</i> , 2021, 2021, 1-19.	0.7	147
570	BOYUTLU YAZICILARIN DENTAL KULLANIMINDA GÜNCEL PROTETİK YAKLAŞIMLAR. Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, 0, , 1-1.	0.0	1
571	Recent Developments in 3D Printing of Droplet-Based Microfluidics. <i>Biochip Journal</i> , 2021, 15, 313-333.	2.5	30
572	Benefits and Biosafety of Use of 3D-Printing Technology for Titanium Biomedical Implants: A Pilot Study in the Rabbit Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8480.	1.8	10
573	Printable and Machinable Dental Restorative Composites for CAD/CAM Application—Comparison of Mechanical Properties, Fractographic, Texture and Fractal Dimension Analysis. <i>Materials</i> , 2021, 14, 4919.	1.3	42

#	ARTICLE	IF	CITATIONS
574	ADVANTAGES AND DISADVANTAGES OF MAKING PERMANENT STRUCTURES FOR LONG-TERM USE BY 3D PRINTING. LITERATURE REVIEW WITH A DESCRIPTION OF THE CLINICAL CASE. The Actual Problems in Dentistry, 2021, 17, 27-31.	0.1	1
575	Evaluating the masking ability of CAD/CAM hybrid ceramics with different thicknesses. International Dental Research, 2021, 11, 114-120.	0.1	1
576	Application of a new scan body for face-driven fixed prosthetics. Clinical and Experimental Dental Research, 2021, , .	0.8	2
577	Application of net-shaped self-glazed zirconia for crown lengthening and restorative treatments using a full digital workflow. Advances in Applied Ceramics, 2021, 120, 281-286.	0.6	0
578	3D Guided Dental Implant Placement: Impact on Surgical Accuracy and Collateral Damage to the Inferior Alveolar Nerve. Dentistry Journal, 2021, 9, 99.	0.9	8
579	Virtual occlusion in orthognathic surgery. International Journal of Oral and Maxillofacial Surgery, 2021, 50, 1219-1225.	0.7	14
580	Stain Susceptibility of 3D-Printed Nanohybrid Composite Restorative Material and the Efficacy of Different Stain Removal Techniques: An In Vitro Study. Materials, 2021, 14, 5621.	1.3	13
581	Marginal Fit of Temporary Restorations Fabricated by the Conventional Chairside Method, 3D Printing, and Milling. Frontiers in Dentistry, 0, , .	0.6	3
582	Accuracy of a titanium maxillary complete denture baseplate fabricated by using the electron beam melting technique: An in vitro study. Journal of Prosthetic Dentistry, 2021, 126, 710.e1-710.e7.	1.1	1
583	Wear Behavior of Occlusal Splint Materials Manufactured By Various Methods: A Systematic Review. Journal of Prosthodontics, 2022, 31, 472-487.	1.7	10
584	Reproducibility of linear measurements performed in dental models from 3D printing. Research, Society and Development, 2021, 10, e344101113370.	0.0	0
585	Additive Manufacturing of Zirconia Ceramic and Its Application in Clinical Dentistry: A Review. Dentistry Journal, 2021, 9, 104.	0.9	47
586	Okulal Dikey Boyutunun Tahmini nin Matematiksel Bir Formunun Geliştirilmesi. Sileyman Demirel Üniversitesi Fakültesi Dergisi, 0, , .	0.0	0
587	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
588	A Two-Stage Registration Method for Dental Volumetric Data and Mesh Data. International Journal of Healthcare Information Systems and Informatics, 2021, 16, 1-15.	1.0	1
589	3D-printed multisampling holder for microcomputed tomography applied to life and materials science research. Micron, 2021, 150, 103142.	1.1	4
590	Biocompatibility of Ni-Cr alloys, with the same composition, prepared by two new digital manufacturing techniques. Materials Letters, 2021, 305, 130761.	1.3	12
591	Influence of K and Mg substitutions on the synthesis and the properties of CaO-MgO-SiO ₂ /Na ₂ O, P ₂ O ₅ , CaF ₂ bioactive glasses. Journal of Non-Crystalline Solids, 2021, 573, 121140.	1.5	12

#	ARTICLE	IF	CITATIONS
592	Additive manufacturing of metallic and polymeric load-bearing biomaterials using laser powder bed fusion: A review. <i>Journal of Materials Science and Technology</i> , 2021, 94, 196-215.	5.6	101
593	Comparing volumetric and biological aspects of 3D-printed interim restorations under various post-curing modes. <i>Journal of Advanced Prosthodontics</i> , 2021, 13, 71.	1.1	12
594	Rational Integrated Modeling and Analyses of System Engineered Linear Viscoelastic 3-D/4-D Printing Protocols and Their Topology Optimization. , 2021, , .		0
595	Zirconia Ceramics: Clinical and Biological Aspects in Dentistry. , 2021, , 817-832.		2
596	Architectural Design for Additive Manufacturing Construction: Lesson Learned from Design for Additive Manufacturing. , 2021, , 1377-1389.		0
597	3-Dimensional Printing in Medicine: Hype, Hope, and the Challenge of Personalized Medicine. <i>Philosophy of Engineering and Technology</i> , 2017, , 211-228.	0.1	4
598	Real-Time Rendering of Teeth with No Preprocessing. <i>Lecture Notes in Computer Science</i> , 2012, , 334-345.	1.0	3
599	Open-Source Technologies and Workflows in Digital Dentistry. , 2017, , 165-171.		4
600	Peel bond strength between 3D printing tray materials and elastomeric impression/adhesive systems: A laboratory study. <i>Dental Materials</i> , 2020, 36, e241-e254.	1.6	9
601	Microstructure evolution and mechanical properties improvement of selective laser melted Co-Cr biomedical alloys during subsequent heat treatments. <i>Journal of Alloys and Compounds</i> , 2020, 840, 155664.	2.8	23
602	An inÂvitra 3D evaluation of the accuracy of 4 intraoral optical scanners on a 6-implant model. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 748-754.	1.1	15
603	Microscale mechanical characterization of 17-4PH stainless steel fabricated by Atomic Diffusion Additive Manufacturing (ADAM). <i>Procedia Structural Integrity</i> , 2020, 28, 1039-1046.	0.3	5
604	Digital/e-professionalism: a new trend or simply professionalism in the digital age?. <i>Faculty Dental Journal</i> , 2019, 10, 72-75.	0.0	1
605	Comparison between mechanical properties and biocompatibility of experimental 3D printing denture resins according to photoinitiators. <i>Journal of Korean Acedemy of Dental Technology</i> , 2020, 42, 355-361.	0.4	1
606	Accuracy comparison of buccal bite scans by five intra-oral scanners. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2018, 34, 17-31.	0.1	8
607	Comparative study on quality of scanned images from varying materials and surface conditions of standardized model for dental scanner evaluation. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2018, 34, 104-115.	0.1	3
608	A Computer-Aided Tool to Predict Dental Crown Prosthesis Surface Integrity after Milling. <i>Computer-Aided Design and Applications</i> , 2019, 16, 894-903.	0.4	3
609	3D-printing in contemporary prosthodontic treatment. <i>Scripta Scientifica Medicinae Dentalis</i> , 2016, 2, 7.	0.1	9

#	ARTICLE	IF	CITATIONS
610	An evaluation of marginal and internal gap of fixed dental prostheses printed by selective laser sintering. Korean Journal of Dental Materials, 2017, 44, 141-149.	0.2	5
611	Zastosowanie drukarek 3D w przemyśle. Przegląd Elektrotechniczny, 2017, 1, 158-160.	0.1	6
612	CoCrMo-base Alloys for Dental Applications Obtained by Selective laser melting (SLM) and CAD/CAM Milling. Materials Research, 2020, 23, .	0.6	6
613	Assessment of Internal Fitness on Resin Crown Fabricated by Digital Light Processing 3D Printer. Journal of Dental Hygiene Science, 2019, 19, 238-244.	0.1	5
614	Trueness of Stereolithographic Model Compared to Conventional Model Using CAD/CAM Prosthesis with Digital Photographs. Sulaimani Dental Journal, 2019, 6, 38-44.	0.1	1
615	Anisotropic Stiffness Design for Mechanical Parts Fabricated by Multi-Material Additive Manufacturing. International Journal of Automation Technology, 2016, 10, 231-238.	0.5	5
616	Implantable Medical Devices and Tissue Engineering: An Overview of Manufacturing Processes and the Use of Polymeric Matrices for Manufacturing and Coating their Surfaces. Current Medicinal Chemistry, 2020, 27, 1580-1599.	1.2	14
617	Shear bond strength of veneer composite to cobalt-chromium alloys fabricated differently. Sağlık Bilimleri Dergisi, 2020, 0, , .	0.1	1
618	Mechanical properties of a polymethyl methacrylate block for CAD/CAM dentures. Journal of Oral Science, 2020, 62, 420-422.	0.7	29
619	Indications, materials and properties of 3D printing in dentistry: a literature overview. Research, Society and Development, 2020, 9, e80791110632.	0.0	4
620	Surface Analysis of 3D (SLM) Coated Dental Metallic Materials. Applied Sciences (Switzerland), 2021, 11, 255.	1.3	12
621	Effect of storage conditions on mechanical properties of resin composite blanks for CAD/CAM crowns. Dental Materials Journal, 2020, 39, 742-751.	0.8	8
622	Additive Manufacturing Process and Their Applications for Green Technology. Advances in Mechatronics and Mechanical Engineering, 2019, , 262-281.	1.0	1
623	Evaluation of marginal discrepancy in metal frameworks fabricated by sintering-based computer-aided manufacturing methods. Journal of Advanced Prosthodontics, 2020, 12, 124.	1.1	6
624	Comparison of fracture strength after thermo-mechanical aging between provisional crowns made with CAD/CAM and conventional method. Journal of Advanced Prosthodontics, 2020, 12, 218.	1.1	38
625	Assessment of intraoral scanning technology for multiple implant impressions – A systematic review and meta-analysis. Journal of Indian Prosthodontic Society, The, 2020, 20, 141.	0.3	20
626	The Fit Accuracy of Removable Partial Denture Metal Frameworks Using Conventional and 3D Printed Techniques: An In Vitro Study. Journal of Contemporary Dental Practice, 2019, 20, 476-481.	0.2	29
627	MODERN TRENDS IN THE DEVELOPMENT OF THE TECHNOLOGIES FOR PRODUCTION OF DENTAL CONSTRUCTIONS. Journal of IMAB, 2015, 21, 974-981.	0.1	16

#	ARTICLE	IF	CITATIONS
628	Study the precision of fixed partial dentures of Co-Cr alloys cast over 3D printed prototypes. Archives of Materials Science and Engineering, 2018, 1, 25-32.	0.7	3
629	Accuracy of polymeric dental bridges manufactured by stereolithography. Archives of Materials Science and Engineering, 2016, 78, 29-36.	0.7	8
630	Fabricating a Ceramic-Pressed-to-Metal Restoration with Computer-Aided Design, Computer-Aided Manufacturing and Selective Laser Sintering: A Case Report. Journal of Korean Dental Science, 2015, 8, 41-47.	0.1	2
631	New Approaches in Computer Aided Printing Technologies. Cumhuriyet Dental Journal, 2017, 19, 256-256.	0.1	3
632	Additive Manufacturing- An Enigma: the Future of Oral & Maxillofacial Surgery. IOSR Journal of Dental and Medical Sciences, 2016, 15, 78-83.	0.0	4
633	3D-Printed vs. Heat-Polymerizing and Autopolymerizing Denture Base Acrylic Resins. Materials, 2021, 14, 5781.	1.3	49
634	Effects of Artificial Tooth Brushing and Hydrothermal Aging on the Mechanical Properties and Color Stability of Dental 3D Printed and CAD/CAM Materials. Materials, 2021, 14, 6207.	1.3	23
635	CAD-CAM complete removable dental prostheses: A double-blind, randomized, crossover clinical trial evaluating milled and 3D-printed dentures. Journal of Dentistry, 2021, 115, 103842.	1.7	17
636	Sinus Lift and Implant Insertion on 3D-Printed Polymeric Maxillary Models: Ex Vivo Training for In Vivo Surgical Procedures. Journal of Clinical Medicine, 2021, 10, 4718.	1.0	3
637	The Fracture Resistance of Additively Manufactured Monolithic Zirconia vs. Bi-Layered Alumina Toughened Zirconia Crowns When Cemented to Zirconia Abutments. Evaluating the Potential of 3D Printing of Ceramic Crowns: An In Vitro Study. Dentistry Journal, 2021, 9, 115.	0.9	8
638	Effect of Printing Layer Thickness on the Trueness and Margin Quality of 3D-Printed Interim Dental Crowns. Applied Sciences (Switzerland), 2021, 11, 9246.	1.3	26
639	Mechanical Property Comparison of Ni-Cr-Mo Alloys Fabricated via One Conventional and Two New Digital Manufacturing Techniques. Applied Sciences (Switzerland), 2021, 11, 9308.	1.3	2
640	Makrodesign of Implant - Types and Shapes of Threads Used and their Evaluation Using Finite Element Analysis. Czech Stomatology and Practical Dentistry, 2013, 113, 88-94.	0.2	1
641	Tandtechnische aspecten van de vervaardiging van kronen en bruggen. Nederlands Tijdschrift Voor Tandheelkunde, 2014, 121, 278-287.	0.1	0
642	The Promoting Force of Technology for Service Innovation in High-Tech Industries. Technology Innovation Management Review, 2014, 4, 40-49.	1.0	1
643	Comparison of the Marginal and Internal Gap of Metal Coping according to Processing Method of Dental CAD/CAM System. Journal of Dental Hygiene Science, 2015, 15, 12-17.	0.1	5
644	Evaluation of shear bond strength between metal core fabricated by 3D printing and dental porcelain. Journal of the Korea Academia-Industrial Cooperation Society, 2015, 16, 2585-2592.	0.0	0
645	Evaluation of Marginal and Internal Gap of Cobalt-Chromium Sintering Metal Coping Fabricated by Dental CAD/CAM System. Journal of Dental Hygiene Science, 2015, 15, 536-541.	0.1	3

#	ARTICLE	IF	CITATIONS
646	Analysis of internal fitness of single crown fabricated by additive method. Journal of Korean Academy of Dental Technology, 2015, 37, 229-234.	0.4	0
647	Evaluation of Physical Properties of Titanium Specimen Fabricated by 3D Printing Technique. Korean Journal of Dental Materials, 2016, 43, 29-42.	0.2	3
648	An analysis of marginal adaptation of metal cores fabricated by selective laser sintering. Journal of Korean Academy of Dental Technology, 2016, 38, 305-311.	0.4	1
649	Digital Implant Abutment and Crowns in the Aesthetic Zone. , 2017, , 369-382.		0
650	Clear Aligner Treatment with "In-Office" Virtual Model Set-Up and 3D Printing.. Journal of Dentistry and Oral Care, 2017, 3, 1-5.	0.1	0
651	Fabrication of surveyed crown and frameworks for removable partial dentures using electronic surveying. Oral Biology Research, 2017, 41, 89-96.	0.0	0
652	3D Printing - An Advancing Forefront in Imprinting the Inner Dimensions of Tooth with Precision. Journal of Academy of Dental Education, 2017, 3, 1-6.	0.0	0
653	3D Printing - An Advancing Forefront in Imprinting the Inner Dimensions of Tooth with Precision. Journal of Academy of Dental Education, 2017, 3, 1-6.	0.0	2
654	Technology Associated With Dental Prosthetics and Learning Experiences. Advances in Educational Technologies and Instructional Design Book Series, 2018, , 153-179.	0.2	0
655	Development of treatment protocol with selective laser melted fixed partial dentures. Archives of Materials Science and Engineering, 2018, 2, 68-73.	0.7	1
656	Additive and Subtractive Combined Production of Cobalt-Chrome-Based Frames in Dentistry. Acta Materialia Transylvanica, 2018, 1, 89-92.	0.2	0
657	Accuracy of digital light processing versus selective LASER sintering surgical-templates for All-On-Four technique of computer guided dental implant placement in the mandible: a prospective double blind randomized clinical trial. Egyptian Dental Journal, 2018, 64, 3245-3256.	0.1	0
658	Effect of Different Veneering Techniques on Shear Bond Strength and Translucency of Bi-layered Zirconia Ceramics. Al-Azhar Dental Journal for Girls, 2018, 5, 557-565.	0.1	0
659	Evaluating usability of and satisfaction with two types of dental CAD software. Journal of Dental Rehabilitation and Applied Science, 2019, 35, 11-19.	0.1	0
660	In Vitro Gap Changes After Porcelain Firing Cycles of Three and Four Unit of CAD/CAM Milling, Laser Sintering and Cast Metal Ceramic Restorations. Clinical and Experimental Health Sciences, 0, , .	0.1	0
661	Comparison of Mechanical Properties of Milled and Casted Cobalt-Chromium Alloys Using Three-point Bending Test. The Korean Academy of Oral and Maxillofacial Implantology, 2019, 23, 162-168.	0.3	0
663	A study on the accuracy evaluation of dental die models manufactured by 3D printing method. Journal of Korean Academy of Dental Technology, 2019, 41, 287-293.	0.4	0
664	Investigating the Effect of Layer Thickness on the Product Quality of PLA Manufactured by 3D Printing Technique. Lecture Notes in Mechanical Engineering, 2020, , 811-818.	0.3	0

#	ARTICLE	IF	CITATIONS
665	Influence of intraoral scanning on the quality of preparations for all-ceramic single crowns. <i>Clinical Oral Investigations</i> , 2020, 24, 4511-4518.	1.4	6
666	Investigation of Optimal Cement Space in 3D Printed 3-unit Resin Prosthesis: A Pilot Study. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2020, 24, 62-75.	0.3	3
667	3D PRINTINGâ€™.. A PARADIGM SHIFT IN ENDODONTICS. , 2020, , 1-3.		1
668	An Analysis on the Advanced Research in Additive Manufacturing. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 229-277.	0.3	1
669	Patient-reported outcome measures (PROMs) comparing digital and conventional workflows for treatment with posterior single-unit implant restorations: A randomized controlled trial. <i>Journal of Dentistry</i> , 2022, 117, 103875.	1.7	16
670	Evaluation of Dimensional Changes during Postcuring of a Three-Dimensionally Printed Denture Base According to the Curing Time and the Time of Removal of the Support Structure: An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10000.	1.3	8
671	Patient-related outcomes of conventional impression making versus intraoral scanning for prosthetic rehabilitation: A systematic review and meta-analysis. <i>Journal of Prosthetic Dentistry</i> , 2023, 130, 19-27.	1.1	4
672	Comparative evaluation of the effect of thermocycling on the mechanical properties of conventionally polymerized, CAD-CAM milled, and 3D-printed interim materials. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 173.e1-173.e8.	1.1	24
673	Biomedical Applications of Additive Manufacturing. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 553-566.	0.3	3
674	Accuracy of dies fabricated by various three dimensional printing systems: a comparative study. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2020, 36, 242-253.	0.1	4
675	Accuracy Improvement of Intraoral Scanning and Buccal Bite Registration Using Healing Abutment as Landmarks: An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 318.	1.3	3
676	Digital Planning for Mini-Implant Supported Palatal Expander in Open-Bite Treatment. <i>Journal of Dentistry and Oral Implants</i> , 2019, 2, 16-22.	0.0	1
677	Wear evaluation of CAD-CAM dental ceramic materials by chewing simulation. <i>Journal of Advanced Prosthodontics</i> , 2021, 13, 281.	1.1	10
678	Shear force comparative evaluation for surface treated and non- treated 3D interim printed materials with different types of glass-ionomer cements. <i>Journal of Clinical and Experimental Dentistry</i> , 2020, 12, e916-e921.	0.5	2
679	New Materials for CAD/CAM Systems: Resin-Based Composites, Polymer-Infiltrated Ceramic Network, Zirconia-Reinforced Lithium Silicate, and High Translucent Zirconia. , 2020, , 211-233.		0
680	Bonding of conventional provisional resin to 3D printed resin: the role of surface treatments and type of repair resins. <i>Journal of Advanced Prosthodontics</i> , 2020, 12, 322.	1.1	15
682	Evaluation of marginal and internal gap of metal substructures fabricated by the state-of-the-art manufacturing technologies. <i>Korean Journal of Dental Materials</i> , 2020, 47, 1-10.	0.2	2
683	A Study of Three-dimensional evaluation of the accuracy of resin provisional restorations fabricated with the DLP printer. <i>Journal of Korean Academy of Dental Technology</i> , 2020, 42, 35-41.	0.4	8

#	ARTICLE	IF	CITATIONS
684	Allocation and scheduling of digital dentistry services in a dental cloud manufacturing system. <i>International Journal of Computer Integrated Manufacturing</i> , 2022, 35, 645-661.	2.9	4
685	Optimum design of reference points distribution in three-dimensional reconstruction of dental model in intercuspal position. <i>BMC Oral Health</i> , 2021, 21, 561.	0.8	1
686	Immediate bimaxillary full-arch reconstruction using an industrial outsourced digitally guided workflow – a feasibility demonstration. <i>Daehan Chi'gwa I'sig</i> , 2021, 40, 121-133.	0.1	0
688	Lazer Tarama Hızlı Lazer Sinterleme ile Üretilen Metal Altyapılar Porselen Başıyla Üretilen Ağızda Kullanılan Etkisi. <i>Kocaeli Üniversitesi Sağlık Bilimleri Dergisi</i> , 2020, 6, 227-232.	0.3	2
690	Additive Manufacturing (3D PRINTING) Methods and Applications in Dentistry. <i>Clinical and Experimental Health Sciences</i> , 2021, 11, 182-190.	0.1	4
692	Heat treatment effect on 17-4PH stainless steel manufactured by Atomic Diffusion Additive Manufacturing (ADAM). <i>Procedia CIRP</i> , 2021, 104, 935-938.	1.0	14
693	Poly(lactic acid) as a biocompatible polymer for three-dimensional printing of interim prosthesis: Mechanical characterization. <i>Dental Materials Journal</i> , 2022, , .	0.8	7
694	3D printing monetite-coated Ti-6Al-4V surface with osteoimmunomodulatory function to enhance osteogenesis. <i>Materials Science and Engineering C</i> , 2022, 134, 112562.	3.8	5
695	Modifying a 3D-Printed Ti6Al4V Implant with Polydopamine Coating to Improve BMSCs Growth, Osteogenic Differentiation, and In Situ Osseointegration In Vivo. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 761911.	2.0	8
696	Digital Applications of Maxillofacial Reconstruction – A systematic review. <i>Journal of Advanced Dentistry</i> , 2021, , 20-26.	2.0	2
697	ACCURACY OF REMOVABLE PARTIAL DENTURE METAL FRAMEWORKS FABRICATED BY COMPUTER-AIDED DESIGN/ COMPUTER-AIDED MANUFACTURING METHOD: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Journal of Evidence-based Dental Practice</i> , 2022, 22, 101681.	0.7	10
698	Accuracy of routine digitally guided immediate full-arch rehabilitations: an observational analysis of eight patients. <i>Daehan Chi'gwa I'sig</i> , 2021, 40, 139-150.	0.1	0
699	Cost-efficient, true silicone printer with variable material spectrum for individualized medical applications. <i>Procedia CIRP</i> , 2021, 104, 435-439.	1.0	2
700	Effect of different tooth preparation designs on the marginal and internal fit discrepancies of cobalt-chromium crowns produced by computer-aided designing and selective laser melting processes. <i>Journal of Advanced Prosthodontics</i> , 2021, 13, 333.	1.1	0
701	Quantitative evaluation of the degradation amount of the silane coupling layer of CAD/CAM resin composites by water absorption. <i>Journal of Prosthodontic Research</i> , 2023, 67, 55-61.	1.1	11
702	Efficiency of occlusal and interproximal adjustments in CAD-CAM manufactured single implant crowns - cast-free vs 3D printed cast-based. <i>Journal of Advanced Prosthodontics</i> , 2021, 13, 351.	1.1	6
703	The occlusal precision of milled versus printed provisional crowns. <i>Journal of Dentistry</i> , 2022, 117, 103924.	1.7	8
704	Reverse planning for making an occlusal splint before restorative treatment: case report of rehabilitation of a patient with bruxism. <i>Research, Society and Development</i> , 2020, 9, e4209108689.	0.0	1

#	ARTICLE	IF	CITATIONS
705	Evaluation of the marginal fit of cobalt-chrome coping with three different fabrication.. Materials Today: Proceedings, 2022, , .	0.9	0
706	Patient satisfaction with conventional dentures vs. digital dentures fabricated using 3D-printing: A randomized crossover trial. Journal of Prosthodontic Research, 2022, 66, 623-629.	1.1	18
707	Metal Additive Manufacturing for Load-Bearing Implants. Journal of the Indian Institute of Science, 2022, 102, 561-584.	0.9	12
708	Applications of three-dimensional printing in ophthalmology. Survey of Ophthalmology, 2022, 67, 1287-1310.	1.7	6
709	A study of tensile and bending properties of 3D-printed biocompatible materials used in dental appliances. Journal of Materials Science, 2022, 57, 2953-2968.	1.7	3
710	Intraoral Scanners in Orthodontics: A Critical Review. International Journal of Environmental Research and Public Health, 2022, 19, 1407.	1.2	27
711	A Novel Low-Shrinkage Resin for 3D Printing. Journal of Dentistry, 2022, 118, 103957.	1.7	19
712	Influence of Digital Technologies and Framework Design on the Load to Fracture of Coâ€Cr Posterior Fixed Partial Denture Frameworks. Journal of Prosthodontics, 2022, 31, 606-613.	1.7	5
713	Comparative Evaluation of Marginal and Internal Fit of Anatomic and Nonanatomic Metal Frameworks Fabricated by Selective Laser Sintering. , 2021, 1, 31-34.		1
714	Effect of post-rinsing time and method on accuracy of denture base manufactured with stereolithography. Journal of Advanced Prosthodontics, 2022, 14, 45.	1.1	2
715	Cytotoxicity, Colour Stability and Dimensional Accuracy of 3D Printing Resin with Three Different Photoinitiators. Polymers, 2022, 14, 979.	2.0	28
716	Main Applications and Recent Research Progresses of Additive Manufacturing in Dentistry. BioMed Research International, 2022, 2022, 1-26.	0.9	9
717	Full-Arch, Implant-Fixed Complete Dentures in Monolithic Zirconia and Titanium: A Digital Workflow to Maximize Cost Effectiveness. Prosthesis, 2022, 4, 73-79.	1.1	5
718	Impacted Maxillary Canine with Curved Apex: Three-Dimensional Guided Protocol for Autotransplantation. Journal of Endodontics, 2022, 48, 379-387.	1.4	7
719	Comparison of digital and conventional methods of fit evaluation of partial removable dental prosthesis frameworks fabricated by selective laser melting. Journal of Prosthetic Dentistry, 2022, 127, 478.e1-478.e10.	1.1	5
720	Additive Manufacturing Technologies: Current Status and Future Perspectives. Journal of Prosthodontics, 2022, 31, 4-12.	1.7	42
721	Surface Roughness and Bond Strength of Resin Composite to Additively Manufactured Zirconia with Different Porosities. Journal of Prosthodontics, 2022, 31, 97-104.	1.7	7
722	Analysis of the mesh resolution of an .STL exported from an intraoral scanner file. Journal of Esthetic and Restorative Dentistry, 2022, 34, 816-825.	1.8	6

#	ARTICLE	IF	CITATIONS
723	Effect of Internal Design Modification on the Mechanical Properties of Laser Sintered Cobalt-Chromium Multi-Unit Metal-Ceramic Frameworks. <i>Journal of Prosthodontics</i> , 2022, , .	1.7	0
724	Quasisteady models for weld temperatures in fused filament fabrication. <i>IMA Journal of Applied Mathematics</i> , 0, , .	0.8	1
725	Effect of denture cleansers on the surface properties and color stability of 3D printed denture base materials. <i>Journal of Dentistry</i> , 2022, 120, 104089.	1.7	14
726	Which Three-Dimensional Printing Technology Can Replace Conventional Manual Method of Manufacturing Oral Appliance? A Preliminary Comparative Study of Physical and Mechanical Properties. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 130.	1.3	4
727	Three-dimensional printing in endodontics: A review of literature. <i>IP Indian Journal of Conservative and Endodontics</i> , 2021, 6, 198-204.	0.1	0
728	Effect of 3D print orientation and layer thickness on the accuracy of printed models by DLP and SLA printers. <i>Korean Journal of Dental Materials</i> , 2021, 49, 1-13.	0.2	2
729	Effects of the Washing Time and Washing Solution on the Biocompatibility and Mechanical Properties of 3D Printed Dental Resin Materials. <i>Polymers</i> , 2021, 13, 4410.	2.0	27
730	Rehabilitation of Worn Dentition with Direct Resin Composite Restorations: A Case Report. <i>Dentistry Journal</i> , 2022, 10, 51.	0.9	0
731	3D printable biomaterials for dental restoration: A systematic review. <i>Materials Today: Proceedings</i> , 2022, 63, 566-572.	0.9	14
732	Adhesive strength of 3 long-term resilient liners to CAD-CAM denture base polymers and heat-polymerized polymethyl methacrylate with thermocycling. <i>Journal of Prosthetic Dentistry</i> , 2024, 131, 494-499.	1.1	2
734	Mechanical Properties of Additively Manufactured and Milled Interim 3-Unit Fixed Dental Prostheses. <i>Journal of Prosthodontics</i> , 2022, , .	1.7	1
735	<i>In Vitro</i> Performance of Different Universal Adhesive Systems on Several CAD/CAM Restorative Materials After Thermal Aging. <i>Operative Dentistry</i> , 2022, 47, 107-120.	0.6	5
736	Bond Strength of CAD/CAM Restorative Materials Treated with Different Surface Etching Protocols. <i>Journal of Adhesive Dentistry</i> , 2019, 21, 307-317.	0.3	5
738	Evaluation of intaglio surface trueness, wear, and fracture resistance of zirconia crown under simulated mastication: a comparative analysis between subtractive and additive manufacturing. <i>Journal of Advanced Prosthodontics</i> , 2022, 14, 122.	1.1	11
739	Additive Manufacturing via Vat Photopolymerization. <i>Dönüşen Bilim Ve Teknoloji Dergisi</i> , 2022, 10, 914-928.	0.2	1
740	Effect of printing orientation on the fracture strength of additively manufactured 3-unit interim fixed dental prostheses after aging. <i>Journal of Dentistry</i> , 2022, 124, 104155.	1.7	12
741	Evaluation of the flexural strength of metal frameworks fabricated by sintering-based computer-aided manufacturing methods. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 936.e1-936.e7.	1.1	2
742	Three-dimensional printing technologies for dental prosthesis: a review. <i>Rapid Prototyping Journal</i> , 2022, ahead-of-print, .	1.6	6

#	ARTICLE	IF	CITATIONS
743	Comparison of Dimensional Changes Between CAD/CAM Milled Complete Denture Bases and 3D Printed Complete Denture Bases: An In Vitro Study. <i>Journal of Prosthodontics</i> , 2023, 32, 11-19.	1.7	9
744	Effects of heat-treatment methods on cytocompatibility and mechanical properties of dental products 3D-printed using photopolymerized resin. <i>Journal of Prosthodontic Research</i> , 2023, 67, 121-131.	1.1	4
745	Flexural Properties and Hardness of CAD/CAM Denture Base Materials. <i>Journal of Prosthodontics</i> , 2023, 32, 318-324.	1.7	17
746	Additive Manufacturing for Bone Load Bearing Applications. , 2015, , 337-370.		1
747	Effect of three-dimensionally printed surface patterns on the peak tensile load of a plasticized acrylic-resin resilient liner. <i>Journal of Prosthetic Dentistry</i> , 2022, , .	1.1	2
748	Preparing guiding planes for removable partial dentures: an in vitro comparison between assisted CAD-CAM template procedure and freehand preparation. <i>Journal of Dentistry</i> , 2022, 123, 104166.	1.7	2
749	Effect of printing layer thickness on the trueness of 3-unit interim fixed partial dentures. <i>Journal of Prosthetic Dentistry</i> , 2024, 131, 718-725.	1.1	14
750	Comparison of shear bond strength of orthodontic stainless-steel brackets on temporary crowns fabricated by three different methods: An in vitro study. <i>International Orthodontics</i> , 2022, 20, 100641.	0.6	6
751	DIGITAL TECHNOLOGIES IN ORTHOPAEDIC DENTISTRY: THE MODERN STATE OF THE ART IN RUSSIA. THE STAGES OF EVOLUTION IN DEVELOPMENT AND PERFECTION OF TECHNOLOGIES FOR DENTURE MANUFACTURING (A LITERATURE REVIEW). <i>The Actual Problems in Dentistry</i> , 2022, 18, 5-18.	0.1	2
752	Wear resistance of 3D-printed materials: A systematic review. , 2022, 2, 100051.		3
753	SEÄ°Ä°CÄ° LAZER ERÄ°TME Ä°LE YAPILAN Ä°RETÄ°MDE LAZER GÄ°CÄ° VE TABAKALAMA KALINLIÄ°ZI PARAMETRELERÄ°NÄ°N Ä°EKME KUVVETÄ° VE KOPMA UZAMASI Ä°ZERÄ°NE ETKÄ°SÄ°. <i>Saglik Bilimleri Dergisi</i> , 2022, 31, 152-157.	0.1	0
754	Optical Property Stability of Light-Cured versus Precured CAD-CAM Composites. <i>International Journal of Dentistry</i> , 2022, 2022, 1-9.	0.5	5
755	In Vitro Comparison of Three Intraoral Scanners for Implantâ€”Supported Dental Prostheses. <i>Dentistry Journal</i> , 2022, 10, 112.	0.9	3
757	3-D printing in dental care. , 2022, , 47-57.		0
758	Physical and Mechanical Properties of 3D-Printed Provisional Crowns and Fixed Dental Prosthesis Resins Compared to CAD/CAM Milled and Conventional Provisional Resins: A Systematic Review and Meta-Analysis. <i>Polymers</i> , 2022, 14, 2691.	2.0	37
759	Additive or subtractive manufacturing of crown patterns used for pressing or casting: A trueness analysis. <i>Journal of Dentistry</i> , 2022, 124, 104221.	1.7	8
760	Interdisciplinary Management of a Patient with Dentinogenesis Imperfecta Type II Using a Combination of CAD/CAM and Analog Techniques: A Clinical Report. <i>Journal of Prosthodontics</i> , 2022, 31, 647-654.	1.7	7
761	Analytical Methods for Determination of BPA Released from Dental Resin Composites and Related Materials: A Systematic Review. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-16.	1.8	3

#	ARTICLE	IF	CITATIONS
762	Marginal gap and fracture resistance of implant-supported 3D-printed definitive composite crowns: An in vitro study. <i>Journal of Dentistry</i> , 2022, 124, 104216.	1.7	20
763	Microstructure of Co-Cr Dental Alloys Manufactured by Casting and 3D Selective Laser Melting. <i>Progress in Physics of Metals</i> , 2022, 23, 337-359.	0.5	2
764	Mechanical, Chemical, and Biological Properties of 3D-Printed Abutments: A Systematic Review. <i>Journal of Advanced Oral Research</i> , 0, , 232020682210997.	0.3	0
765	Antimicrobial incorporation on 3D-printed polymers used as potential dental materials and biomaterials: a systematic review of the state of the art. <i>Polymer Bulletin</i> , 0, , .	1.7	2
766	Plaster Casts vs. Intraoral Scans: Do Different Methods of Determining the Final Occlusion Affect the Simulated Outcome in Orthognathic Surgery?. <i>Journal of Personalized Medicine</i> , 2022, 12, 1288.	1.1	3
768	The Potential of Digital Impression in Orthodontics. <i>Dentistry Journal</i> , 2022, 10, 147.	0.9	5
769	A Comparative Study of Additive and Subtractive Manufacturing Techniques for a Zirconia Dental Product: An Analysis of the Manufacturing Accuracy and the Bond Strength of Porcelain to Zirconia. <i>Materials</i> , 2022, 15, 5398.	1.3	9
770	An overview of three-dimensional imaging devices in dentistry. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 1179-1196.	1.8	6
771	Commonly Used 3D Printing Technologies in Oral Health Science. , 2022, , 47-67.		0
772	Surface roughness and marginal adaptation of stereolithography versus digital light processing three-dimensional printed resins: An in-vitro study. <i>Journal of Indian Prosthodontic Society</i> , The, 2022, 22, 377.	0.3	2
773	Comparison of accuracy between digital and conventional implant impressions: two and three dimensional evaluations. <i>Journal of Advanced Prosthodontics</i> , 2022, 14, 236.	1.1	7
774	Investigation of the marginal fit of a 3D-printed three-unit resin prosthesis with different build orientations and layer thicknesses. <i>Journal of Advanced Prosthodontics</i> , 2022, 14, 250.	1.1	4
775	A survey regarding the organizational aspects and quality systems of in-house 3D printing in oral and maxillofacial surgery in Germany. <i>Oral and Maxillofacial Surgery</i> , 2023, 27, 661-673.	0.6	3
776	Micro-CT analysis of 3D printed provisional crowns fitting. <i>Technology and Health Care</i> , 2023, 31, 259-268.	0.5	1
777	Marginal Misfit of 3D-Printed (Selective Laser Sintered), CAD-CAM and Lost Wax Technique Cobalt Chromium Copings with Shoulder and Chamfer Finish Lines: An In-Vitro Study. <i>Medicina (Lithuania)</i> , 2022, 58, 1313.	0.8	3
778	Effect of Nitrogen Gas Post-Curing and Printer Type on the Mechanical Properties of 3D-Printed Hard Occlusal Splint Material. <i>Polymers</i> , 2022, 14, 3971.	2.0	17
779	Accuracy of Models Fabricated by a Chair-side Fused Deposition Modeling (FDM) Printer in Stomatology. <i>Operative Dentistry</i> , 2022, 47, E233-E240.	0.6	2
780	Effect of build orientation in accuracy, flexural modulus, flexural strength, and microhardness of 3D-Printed resins for provisional restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 136, 105479.	1.5	16

#	ARTICLE	IF	CITATIONS
781	Influence of digital implant analog design on the positional trueness of an analog in additively manufactured models: An in vitro study. <i>Clinical Implant Dentistry and Related Research</i> , 0, , .	1.6	2
782	Metal 3D printing in dentistry. <i>Stomatologiya</i> , 2022, 101, 85.	0.1	0
783	Assessment of the fitness of removable partial denture frameworks manufactured using additive manufacturing/selective laser melting. <i>Materials Express</i> , 2022, 12, 735-742.	0.2	0
784	Innovations in fixed prosthodontic workflows. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 545-547.	1.1	1
785	The use of 3D ceramic block graft compared with autogenous block graft for rehabilitation of the atrophic maxilla: a randomized controlled clinical trial. <i>Trials</i> , 2022, 23, .	0.7	3
786	Custom-Made Direct Metal Laser Sintering Titanium Subperiosteal Implants in Oral and Maxillofacial Surgery for Severe Bone-Deficient Patients—A Pilot Study. <i>Diagnostics</i> , 2022, 12, 2531.	1.3	7
787	Effect of 3D Printer Type and Use of Protection Gas during Post-Curing on Some Physical Properties of Soft Occlusal Splint Material. <i>Polymers</i> , 2022, 14, 4618.	2.0	7
788	Evaluation of the color stability of 3D printed resin according to the oxygen inhibition effect and temperature difference in the post-polymerization process. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 136, 105537.	1.5	6
789	Fracture strength and behavior of resin-faced CAD/CAM anterior crowns. <i>Dental Materials Journal</i> , 2023, , .	0.8	0
790	Trueness of stereolithography ZrO ₂ crowns with different build directions. <i>Dental Materials Journal</i> , 2023, 42, 42-48.	0.8	5
791	Effect of dimensional variations on the manufacturing process and the 3D shrinkage ratio of stereolithographic dental alumina ceramics. <i>Dental Materials Journal</i> , 2023, 42, 79-85.	0.8	3
792	3D Printing in Contemporary Dentistry. <i>Lecture Notes in Networks and Systems</i> , 2023, , 213-232.	0.5	4
793	Mechanical and surface properties of additive manufactured zirconia under the different building directions. <i>Journal of Prosthodontic Research</i> , 2022, 67, 410-417.	1.1	14
794	Dependence of fused filament fabrication weld strength on experimental parameters: A numerical study. <i>Journal of Manufacturing Processes</i> , 2023, 85, 1066-1076.	2.8	0
795	Manufacturing of zirconia restorations by means of additive fabrication. Part I. <i>Stomatologiya</i> , 2022, 101, 91.	0.1	0
796	Recent Advanced Diagnostic Aids in Orthodontics. <i>Cureus</i> , 2022, , .	0.2	2
797	Effect of Al ₂ O ₃ on Microstructure, Thermal, and Physicomechanical Properties, and Biomineralization of Na ₂ O/K ₂ O-CaO-MgO-SiO ₂ -P ₂ O ₅ -CaF ₂ Glasses for Dental Applications. <i>Journal of Materials Engineering and Performance</i> , 2023, 32, 7895-7904.	1.2	1
798	Potential of Lasers in the Realm of Aesthetic Dentistry: A Narrative Review. <i>Journal of Health and Allied Sciences NU</i> , 0, , .	0.1	1

#	ARTICLE	IF	CITATIONS
799	Marginal Adaptation and Internal Fit of 3D-Printed Provisional Crowns and Fixed Dental Prosthesis Resins Compared to CAD/CAM-Milled and Conventional Provisional Resins: A Systematic Review and Meta-Analysis. <i>Coatings</i> , 2022, 12, 1777.	1.2	6
800	Fracture toughness and brittleness of novel CAD/CAM resin composite block. <i>Dental Materials</i> , 2022, 38, e308-e317.	1.6	4
801	Adhesive Property of 3D-Printed PEEK Abutments: Effects of Surface Treatment and Temporary Crown Material on Shear Bond Strength. <i>Journal of Functional Biomaterials</i> , 2022, 13, 288.	1.8	2
804	Biomechanical properties of a 3D printing polymer for provisional restorations and artificial teeth. <i>Dental Materials</i> , 2022, 38, 1956-1962.	1.6	7
805	Evaluation of the dimensional change of 3D-printed complete denture after post-curing. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2022, 38, 233-241.	0.1	0
806	Selective Laser Melting-Sintering Technology: From Dental Co-Cr Alloys to Dental Ceramic Materials. <i>Solid State Phenomena</i> , 0, 339, 115-122.	0.3	2
807	Accuracy of five different 3D printing workflows for dental models comparing industrial and dental desktop printers. <i>Clinical Oral Investigations</i> , 0, , .	1.4	1
809	Comparative evaluation of internal and marginal fit of interim crowns fabricated by CAD/CAM milling and two different 3D printing systems - An in vitro study. <i>Materials Today: Proceedings</i> , 2022, 62, A1-A9.	0.9	0
810	Autotransplantation of Maxillary Third Molar with Its Attached Buccal Cortical Plate Combined with a Connective Tissue Graft. <i>Journal of Endodontics</i> , 2023, 49, 313-320.	1.4	0
811	A review on clinical use of CAD/CAM and 3D printed dentures. <i>British Dental Journal</i> , 0, , .	0.3	9
812	Fit analysis of stereolithography-manufactured three-unit resin prosthesis with different 3D-printing build orientations and layer thicknesses. <i>Journal of Prosthetic Dentistry</i> , 2024, 131, 301-312.	1.1	1
813	Influence of the nanostructural characteristics of inorganic fillers on the physical properties of resin cements. <i>Dental Materials Journal</i> , 2023, 42, 291-299.	0.8	1
814	Microstructure and Mechanical Properties of Co-Cr Alloy Fabricated by Selective Laser Melting Technology for Removable Partial Denture Frameworks. <i>Journal of Materials Engineering and Performance</i> , 0, , .	1.2	0
815	Trueness of full-arch dental models obtained by digital and conventional impression techniques: an in vivo study. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
816	Advances in nanocomposite material for Fused Filament Fabrication. <i>Polymer-Plastics Technology and Materials</i> , 2022, 61, 1617-1661.	0.6	3
817	High-resolution 3D printing for healthcare. , 2023, , 225-271.		1
818	Fabrication of milled removable partial dentures using a custom plate with prefabricated artificial teeth. <i>Journal of Prosthodontic Research</i> , 2023, 67, 647-651.	1.1	2
819	Current trends of application of additive manufacturing in oral healthcare system. , 2023, , 479-491.		0

#	ARTICLE	IF	CITATIONS
820	Effect of Surface Polishing on Physical Properties of an Occlusal Splint Material for Additive Manufacturing under Protection Gas Post-Curing Condition. <i>Polymers</i> , 2023, 15, 625.	2.0	3
821	Does partial adhesive preparation design and finish line depth influence trueness and precision of intraoral scanners?. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 637.e1-637.e9.	1.1	2
822	Forensic Identification: Dental Scan Data Sets of the Palatal Fold Pairs as an Individual Feature in a Longitudinal Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 2691.	1.2	3
823	Dental innovations which will influence the oral health care of baby boomers. <i>Special Care in Dentistry</i> , 2023, 43, 359-369.	0.4	2
824	3D Printing of Dental Prostheses: Current and Emerging Applications. <i>Journal of Composites Science</i> , 2023, 7, 80.	1.4	14
825	Fracture load of 4-unit interim fixed partial dentures using 3D-printed and traditionally manufactured materials. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 607.e1-607.e8.	1.1	3
826	Additive Manufacturing Developments in the Medical Engineering Field. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2023, , 86-106.	0.2	35
827	Differences between 3-D printed and traditionally milled CoCr dental alloy from casted block in oral environment. <i>Electrochimica Acta</i> , 2023, 445, 142066.	2.6	1
828	Effect of a new support design on the marginal and internal gap of additively manufactured interim crowns using direct light deposition technology. <i>Journal of Prosthodontics</i> , 2024, 33, 188-194.	1.7	1
829	The Complete Digital Workflow in Fixed Prosthodontics Updated: A Systematic Review. <i>Healthcare (Switzerland)</i> , 2023, 11, 679.	1.0	6
830	3D Printing and Bioprinting Technology for Specific Applications in Surgical Implant Dentistry: A Review. <i>Journal of the California Dental Association</i> , 2019, 47, 303-309.	0.0	0
831	3D Printing of Dental Restorative Composites and Ceramics " Toward the Next Frontier in Restorative Dentistry. <i>Journal of the California Dental Association</i> , 2019, 47, 653-665.	0.0	3
832	Innovations in mandibular advancement splint therapy for obstructive sleep apnoea. , 0, 2, .		0
833	Full-Mouth Rehabilitation of a Patient with Sjogren's Syndrome with Maxillary Titanium-Zirconia and Mandibular Monolithic Zirconia Implant Prostheses Fabricated with CAD/CAM Technology: A Clinical Report. <i>Journal of Functional Biomaterials</i> , 2023, 14, 174.	1.8	4
834	Accuracy in the Marginal Adaptation and/or Internal Adaptation of Full-coverage Fixed Prostheses Made with Digital Impressions and Conventional Impressions: A Systematic Review. <i>Open Dentistry Journal</i> , 2023, 17, .	0.2	0
835	3D-Printed Overlay Template for Diagnosis and Planning Complete Arch Implant Prostheses. <i>Healthcare (Switzerland)</i> , 2023, 11, 1062.	1.0	3
836	Fundamental Properties and Clinical Application of 3D-Printed Bioglass Porcelain Fused to Metal Dental Restoration. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7203.	1.8	0
837	Microstructural features, physical-mechanical properties, and wear behavior of dental translucent polychromic multilayer zirconia of hybrid composition prepared by milling technology. <i>Journal of Esthetic and Restorative Dentistry</i> , 2023, 35, 1121-1130.	1.8	2

#	ARTICLE	IF	CITATIONS
841	Additive Manufacturing Using Robotic Programming. Advances in Computational Intelligence and Robotics Book Series, 2023, , 259-282.	0.4	11
856	Recent Advances in Additive Manufacturing, Applications and Challenges for Dentistry: A Review. ACS Biomaterials Science and Engineering, 2023, 9, 3987-4019.	2.6	10
864	Classification of Cutting-Edge Additive Manufacturing Techniques. , 2023, , 53-76.		0
876	Computer-Assisted Implant Dentistry. , 2023, , 413-448.		0
880	Emerging polymers in dentistry. , 2023, , 527-573.		1
921	Chairside CAD/CAM Restorations. Dentistry, 0, , .	0.0	0
939	The enhancement in process parameters of fused deposition modelling used for 3D printed components from the perspective of enhancement of mechanical strength properties: A narrative review. AIP Conference Proceedings, 2024, , .	0.3	0