

Du-Hyeong Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

452

citations

9

h-index

18

g-index

75

ext. papers

647

ext. citations

2.7

avg, IF

4.55

L-index

#	Paper	IF	Citations
68	Fabrication of functionally customized fixed prosthesis in a hemimandibulectomy patient with fibular graft using double scan technique: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2022 , 60, 195	0.2	
67	Impact of scanning strategy on the accuracy of complete-arch intraoral scans: a preliminary study on segmental scans and merge methods. <i>Journal of Advanced Prosthodontics</i> , 2022 , 14, 88	2.2	1
66	New Autonomous Water-Enabled Self-Healing Coating Material with Antibacterial-Agent-Releasing Properties. <i>Pharmaceutics</i> , 2022 , 14, 1005	6.4	0
65	Radiopaque Tissue Surface-Based Digital Registration Technique for Completely Edentulous Ridge. <i>Journal of Oral Implantology</i> , 2021 , 47, 73-77	1.2	1
64	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> , 2021 , 101681	1.9	1
63	Comparative finite element analysis of mandibular posterior single zirconia and titanium implants: a 3-dimensional finite element analysis.. <i>Journal of Advanced Prosthodontics</i> , 2021 , 13, 396-407	2.2	1
62	Impact of the Application of Computer-Based 3D Simulation on Acquisition of Knowledge of Guidance of Mandibular Movement. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 60	2.6	2
61	Effects of Exposure Parameters and Voxel Size for Cone-Beam Computed Tomography on the Image Matching Accuracy with an Optical Dental Scan Image: An In Vitro Study. <i>BioMed Research International</i> , 2021 , 2021, 6971828	3	
60	Effect of image matching experience on the accuracy and working time for 3D image registration between radiographic and optical scan images. <i>The Journal of Korean Academy of Prosthodontics</i> , 2021 , 59, 299	0.2	
59	Long-term outcomes of adjacent and antagonistic teeth after implant restoration: a focus on patient-related factors. <i>Journal of Periodontal and Implant Science</i> , 2021 , 51, 135-143	2	2
58	Strategic Use of CAD-CAM Interim Restoration for the Recovery of the Vertical Dimension of Occlusion in the Posterior Partially Edentulous Jaw. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7735	2.6	1
57	Effects of supporting conditions and anchor microscrew on the stabilization of the implant guide template during the drilling process: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2020 , 124, 727.e1-727.e8 ²	4.7	2
56	Comparison of the Accuracy of Image Registration Methods for Merging Optical Scan and Radiographic Data in Edentulous Jaws. <i>Journal of Prosthodontics</i> , 2020 , 29, 707-711	3.9	4
55	Effects of scan body exposure and operator on the accuracy of image matching of implant impressions with scan bodies. <i>Journal of Prosthetic Dentistry</i> , 2020 , 124, 379.e1-379.e6	4	6
54	A Digital Technique to Replicate Edentulous Arches with Functional Borders and Accurate Maxillomandibular Relationship for Digital Complete Denture. <i>Journal of Prosthodontics</i> , 2020 , 29, 356-359	3.9	9
53	The Effects of Distribution of Image Matched Fiducial Markers on Accuracy of Computer-Guided Implant Surgery. <i>Journal of Prosthodontics</i> , 2020 , 29, 409-414	3.9	4
52	Digital approach for fabrication of zirconia restoration with optimal gingival adaptation after tooth extraction: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2020 , 58, 217	0.2	

51	Analysis of implant strain value exerted using different screw tightening protocols in screw-retained 3-unit prostheses. <i>The Journal of Korean Academy of Prosthodontics</i> , 2020 , 58, 321	0.2	0
50	Accuracy of Mobile Device-Compatible 3D Scanners for Facial Digitization: Systematic Review and Meta-Analysis. <i>Journal of Medical Internet Research</i> , 2020 , 22, e22228	7.6	3
49	The effect of the improperly scanned scan body images on the accuracy of virtual implant positioning in computer-aided design software. <i>Journal of Advanced Prosthodontics</i> , 2020 , 12, 107-113	2.2	5
48	Burnishing effect on marginal misfit of implant-supported screw-and-cement retained prostheses: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2020 , 58, 239	0.2	0
47	Accuracy of Portable Face-Scanning Devices for Obtaining Three-Dimensional Face Models: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	5
46	The Effect of Perioral Scan and Artificial Skin Markers on the Accuracy of Virtual Dentofacial Integration: Stereophotogrammetry Versus Smartphone Three-Dimensional Face-Scanning. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	2
45	Antibacterial Drug-Release Polydimethylsiloxane Coating for 3D-Printing Dental Polymer: Surface Alterations and Antimicrobial Effects. <i>Pharmaceutics</i> , 2020 , 13,	5.2	7
44	Reliability of digital measurement methods on the marginal fit of fixed prostheses: A systematic review and meta-analysis of in vitro studies. <i>Journal of Prosthetic Dentistry</i> , 2020 , 124, 350.e1-350.e11	4	2
43	Influence of the Postcuring Process on Dimensional Accuracy and Seating of 3D-Printed Polymeric Fixed Prostheses. <i>BioMed Research International</i> , 2020 , 2020, 2150182	3	3
42	Comparison of microstructures and mechanical properties of 3 cobalt-chromium alloys fabricated with soft metal milling technology. <i>Journal of Prosthetic Dentistry</i> , 2020 ,	4	2
41	Reliability of Metal 3D Printing with Respect to the Marginal Fit of Fixed Dental Prostheses: A Systematic Review and Meta-Analysis. <i>Materials</i> , 2020 , 13,	3.5	8
40	Computer-Based 3D Simulation Method in Dental Occlusion Education: Student Response and Learning Effect. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6073	2.6	2
39	Validation of the Accuracy of Postoperative Analysis Methods for Locating the Actual Position of Implants: An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7266	2.6	1
38	Impacts of Thresholds of Gray Value for Cone-Beam Computed Tomography 3D Reconstruction on the Accuracy of Image Matching with Optical Scan. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	5
37	Impact of Matching Point Selections on Image Registration Accuracy between Optical Scan and Computed Tomography. <i>BioMed Research International</i> , 2020 , 2020, 3285431	3	6
36	Influence of Extraoral Polishing of the Crown-Abutment Interface on the Marginal Fit of Screw- and Cement-Retained Prostheses: A Clinical Pilot Study. <i>International Journal of Prosthodontics</i> , 2020 , 33, 629-633	1.9	1
35	Bisphosphonate-related osteonecrosis of the jaw: Current clinical significance and treatment strategy review. <i>American Journal of Dentistry</i> , 2020 , 33, 115-128	1.3	6
34	Effects of different finishing/polishing protocols and systems for monolithic zirconia on surface topography, phase transformation, and biofilm formation. <i>Journal of Advanced Prosthodontics</i> , 2019 , 11, 81-87	2.2	9

33	Marginal fit of metal-ceramic crowns fabricated by using a casting and two selective laser melting processes before and after ceramic firing. <i>Journal of Prosthetic Dentistry</i> , 2019 , 122, 475-481	4	14
32	Effects of different surface finishing protocols for zirconia on surface roughness and bacterial biofilm formation. <i>Journal of Advanced Prosthodontics</i> , 2019 , 11, 41-47	2.2	7
31	A New Antibacterial Agent-Releasing Polydimethylsiloxane Coating for Polymethyl Methacrylate Dental Restorations. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
30	Time efficiency and operator convenience of using a micro-screw in image registration for guided implant surgery. <i>The Journal of Korean Academy of Prosthodontics</i> , 2019 , 57, 219	0.2	
29	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	0.2	
28	Comparative clinical study of the marginal discrepancy of fixed dental prosthesis fabricated by the milling-sintering method using a presintered alloy. <i>Journal of Advanced Prosthodontics</i> , 2019 , 11, 280-285	2.2	7
27	Precision of the milled full-arch framework fabricated using pre-sintered soft alloy: A pilot study. <i>Journal of Advanced Prosthodontics</i> , 2018 , 10, 128-131	2.2	4
26	Optimizing accuracy in computer-guided implant surgery with a superimposition-anchor microscrew system: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2018 , 120, 789.e1-789.e5	4	7
25	Effects of image and education on the precision of the measurement method for evaluating prosthesis misfit. <i>Journal of Prosthetic Dentistry</i> , 2018 , 119, 600-605	4	12
24	Radiographic study of dermal fillers in the facial area: A series of 3 cases. <i>Imaging Science in Dentistry</i> , 2018 , 48, 227-231	2.2	4
23	Influence of abutment height and convergence angle on the retrievability of cement-retained implant prostheses with a lingual slot. <i>Journal of Advanced Prosthodontics</i> , 2018 , 10, 381-387	2.2	2
22	Comparative Study of the Fit Accuracy of Full-Arch Bar Frameworks Fabricated with Different Presintered Cobalt-Chromium Alloys. <i>BioMed Research International</i> , 2018 , 2018, 1962514	3	8
21	Full-Mouth Rehabilitation with Bone-Level Implant Guide and Monolithic Zirconia Prosthesis for Fibular Free Flap Reconstruction: A Case History Report. <i>International Journal of Prosthodontics</i> , 2018 , 31, 573-576	1.9	2
20	Strategic Use of Microscrews for Enhancing the Accuracy of Computer-Guided Implant Surgery in Fully Edentulous Arches: A Case History Report. <i>International Journal of Prosthodontics</i> , 2018 , 31, 262-263	1.9	5
19	Non-Radiological Method for Fabrication of a Screw-Channel Drilling Guide in Cement-Retained Implant Restorations Using Intraoral Digital Scanning and Imaging Superimposition: A Clinical Report. <i>Journal of Prosthodontics</i> , 2017 , 26, 88-92	3.9	3
18	Fit of interim crowns fabricated using photopolymer-jetting 3D printing. <i>Journal of Prosthetic Dentistry</i> , 2017 , 118, 208-215	4	64
17	Verification of a computer-aided replica technique for evaluating prosthesis adaptation using statistical agreement analysis. <i>Journal of Advanced Prosthodontics</i> , 2017 , 9, 358-363	2.2	5
16	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	4	42

15	Evaluation of internal fit of interim crown fabricated with CAD/CAM milling and 3D printing system. <i>Journal of Advanced Prosthodontics</i> , 2017 , 9, 265-270	2.2	36
14	The Effect of a CAD/CAM-Guided Template on Formation of the Screw-Access Channel for Fixed Prosthesis Supported by Lingually Placed Implants. <i>International Journal of Prosthodontics</i> , 2017 , 30, 113-115	1.9	1
13	In vitro evaluation methods on adaptation of fixed dental prosthesis. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2017 , 33, 63-70	0.2	6
12	Digital approach to assessing the 3-dimensional misfit of fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , 2016 , 116, 836-839	4	14
11	Accuracy of a CAD/CAM-guided template for locating abutment screws for cement-retained implant-supported restorations. <i>Journal of Prosthetic Dentistry</i> , 2016 , 116, 67-73	4	3
10	Accuracy of a direct drill-guiding system with minimal tolerance of surgical instruments used for implant surgery: a prospective clinical study. <i>Journal of Advanced Prosthodontics</i> , 2016 , 8, 207-13	2.2	24
9	The overuse of the implant motor: effect on the output torque in overloading condition. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17, 435-41	3.9	1
8	Shear bond strength of porcelain to a new millable alloy and a conventional castable alloy. <i>Journal of Prosthetic Dentistry</i> , 2015 , 113, 329-35	4	28
7	Radiopacity for Contemporary Luting Cements Using Digital Radiography under Various Exposure Conditions. <i>Journal of Prosthodontics</i> , 2015 , 24, 642-6	3.9	3
6	The effect of 4,4-bis(N,N-diethylamino) benzophenone on the degree of conversion in liquid photopolymer for dental 3D printing. <i>Journal of Advanced Prosthodontics</i> , 2015 , 7, 386-91	2.2	5
5	CAD/CAM-fabricated template for locating implant abutment screws in cement-retained anatomic zirconia restorations. <i>Journal of Prosthetic Dentistry</i> , 2015 , 114, 343-5	4	7
4	Using a guide template with a handpiece sleeve to locate the abutment screw position of a cement-retained implant restoration. <i>Journal of Prosthetic Dentistry</i> , 2015 , 114, 339-42	4	6
3	Accuracy of the healing abutment and impression coping combined system on implant impression. <i>The Journal of Korean Academy of Prosthodontics</i> , 2015 , 53, 105	0.2	
2	Implant placement using a newly developed CT-based guide program and subtractive manufacturing: case reports. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2015 , 31, 67-74	0.2	
1	Anti-inflammatory drug releasing absorbable surgical sutures using poly(lactic-co-glycolic acid) particle carriers. <i>Polymer Bulletin</i> , 2014 , 71, 1933-1946	2.4	20