Jong-Eun Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6144502/publications.pdf Version: 2024-02-01



IONC-FUN KIM

#	Article	IF	CITATIONS
1	Printing accuracy, mechanical properties, surface characteristics, and microbial adhesion of 3D-printed resins with various printing orientations. Journal of Prosthetic Dentistry, 2020, 124, 468-475.	2.8	168
2	Accuracy of intraoral digital impressions using an artificialÂlandmark. Journal of Prosthetic Dentistry, 2017, 117, 755-761.	2.8	126
3	Effects of Post-Curing Time on the Mechanical and Color Properties of Three-Dimensional Printed Crown and Bridge Materials. Polymers, 2020, 12, 2762.	4.5	101
4	Transfer Learning via Deep Neural Networks for Implant Fixture System Classification Using Periapical Radiographs. Journal of Clinical Medicine, 2020, 9, 1117.	2.4	62
5	Ridge Preservation Using Demineralized Bone Matrix Gel With Recombinant Human Bone Morphogenetic Protein-2 After Tooth Extraction: A Randomized Controlled Clinical Trial. Journal of Oral and Maxillofacial Surgery, 2014, 72, 1281-1290.	1.2	55
6	Effects of Postcuring Temperature on the Mechanical Properties and Biocompatibility of Three-Dimensional Printed Dental Resin Material. Polymers, 2021, 13, 1180.	4.5	53
7	Evaluation of the Color Stability of 3D-Printed Crown and Bridge Materials against Various Sources of Discoloration: An In Vitro Study. Materials, 2020, 13, 5359.	2.9	42
8	Assessment of metal sleeve-free 3D-printed implant surgical guides. Dental Materials, 2019, 35, 468-476.	3.5	36
9	Biomechanical Evaluation of a Tooth Restored with High Performance Polymer PEKK Post-Core System: A 3D Finite Element Analysis. BioMed Research International, 2017, 2017, 1-9.	1.9	31
10	Comparative Evaluation of a Four-Implant–Supported Polyetherketoneketone Framework Prosthesis: A Three-Dimensional Finite Element Analysis Based on Cone Beam Computed Tomography and Computer-Aided Design. International Journal of Prosthodontics, 2017, 30, 581-585.	1.7	30
11	Effect of wet storage on the bioactivity of ultraviolet light- and non-thermal atmospheric pressure plasma-treated titanium and zirconia implant surfaces. Materials Science and Engineering C, 2019, 105, 110049.	7.3	28
12	A digital approach to dynamic jaw tracking using a target tracking system and a structured-light three-dimensional scanner. Journal of Prosthodontic Research, 2019, 63, 115-119.	2.8	27
13	Effects of the Washing Time and Washing Solution on the Biocompatibility and Mechanical Properties of 3D Printed Dental Resin Materials. Polymers, 2021, 13, 4410.	4.5	27
14	The effect of anodized implants coated with combined rhBMP-2 and recombinant human vascular endothelial growth factors on vertical bone regeneration in the marginal portion of the peri-implant. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2013, 115, e24-e31.	0.4	25
15	Complete assessment of occlusal dynamics and establishment of a digital workflow by using target tracking with a three-dimensional facial scanner. Journal of Prosthodontic Research, 2019, 63, 120-124.	2.8	23
16	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.	2.9	23
17	A Comparison of Accuracy of Different Dental Restorative Materials between Intraoral Scanning and Conventional Impression-Taking: An In Vitro Study. Materials, 2021, 14, 2060.	2.9	22
18	Effect of air-particle pressures on the surface topography and bond strengths of resin cement to the hybrid ceramics. Dental Materials Journal, 2017, 36, 454-460.	1.8	18

Јолд-Еил Кім

#	Article	IF	CITATIONS
19	Evaluation of the 3D Printing Accuracy of a Dental Model According to Its Internal Structure and Cross-Arch Plate Design: An In Vitro Study. Materials, 2020, 13, 5433.	2.9	18
20	Color and Translucency Stability of Three-Dimensional Printable Dental Materials for Crown and Bridge Restorations. Materials, 2021, 14, 650.	2.9	17
21	Fabrication of a complete, removable dental prosthesis from a digital intraoral impression for a patient with an excessively tight reconstructed lip after oral cancer treatment: A clinical report. Journal of Prosthetic Dentistry, 2017, 117, 205-208.	2.8	16
22	A new minimally invasive guided endodontic microsurgery by cone beam computed tomography and 3-dimensional printing technology. Restorative Dentistry & Endodontics, 2019, 44, e29.	1.5	16
23	Enamel wear and aging of translucent zirconias: InÂvitro and clinical studies. Journal of Prosthetic Dentistry, 2019, 121, 417-425.	2.8	16
24	Influence of different postcuring parameters on mechanical properties and biocompatibility of 3D printed crown and bridge resin for temporary restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 128, 105127.	3.1	15
25	Accuracy of Scanned Stock Abutments Using Different Intraoral Scanners: An In Vitro Study. Journal of Prosthodontics, 2019, 28, 797-803.	3.7	13
26	Evaluation of Dimensional Changes According to Aging Period and Postcuring Time of 3D-Printed Denture Base Prostheses: An In Vitro Study. Materials, 2021, 14, 6185.	2.9	9
27	Evaluating oxygen shielding effect using glycerin or vacuum with varying temperature on 3D printed photopolymer in post-polymerization. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 130, 105170.	3.1	9
28	Effects of artificial aging on the biaxial flexural strength of Ce-TZP/Al2O3 and Y-TZP after various occlusal adjustments. Ceramics International, 2017, 43, 9951-9959.	4.8	8
29	Effects of Groove Sealing of the Posterior Occlusal Surface and Offset of the Internal Surface on the Internal Fit and Accuracy of Implant Placements Using 3D-Printed Surgical Guides: An In Vitro Study. Polymers, 2021, 13, 1236.	4.5	8
30	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. Applied Sciences (Switzerland), 2021, 11, 10000.	2.5	8
31	The Impact of Metal Artifacts Within Cone Beam Computed Tomography Data on the Accuracy of Computer-Based Implant Surgery: An In Vitro Study. International Journal of Oral and Maxillofacial Implants, 2019, 34, 585-594.	1.4	7
32	Influence of Edentulous Conditions on Intraoral Scanning Accuracy of Virtual Interocclusal Record in Quadrant Scan. Applied Sciences (Switzerland), 2021, 11, 1489.	2.5	7
33	Dental students' perceptions on a simulated practice using patientâ€based customised typodonts during the transition from preclinical to clinical education. European Journal of Dental Education, 2022, 26, 55-65.	2.0	7
34	Evaluating the Precision of Automatic Segmentation of Teeth, Gingiva and Facial Landmarks for 2D Digital Smile Design Using Real-Time Instance Segmentation Network. Journal of Clinical Medicine, 2022, 11, 852.	2.4	7
35	Digital workflow for a dental prosthesis that considers lateral mandibular relation. Journal of Prosthetic Dentistry, 2017, 117, 340-344.	2.8	6
36	A digital implant custom tray fabrication method using the design process for simulating the position of the impression copings and 3D printing technology. Journal of Prosthetic Dentistry, 2019, 121, 566-570.	2.8	6

Jong-Eun Kim

#	Article	IF	CITATIONS
37	Effect of Pressure and Particle Size During Aluminum Oxide Air Abrasion on the Flexural Strength of Disperse-Filled Composite and Polymer-Infiltrated Ceramic Network Materials. Polymers, 2020, 12, 1396.	4.5	6
38	Effect of Surface Treatment on Shear Bond Strength between Resin Cement and Ce-TZP/Al ₂ O ₃ . BioMed Research International, 2016, 2016, 1-7.	1.9	5
39	A generation process for a three-dimensional digital cast thatÂsimulates the oral cavity by using an existingÂmaxillaryÂobturator. Journal of Prosthetic Dentistry, 2020, 123, 531-534.	2.8	5
40	Comparison between Occlusal Errors of Single Posterior Crowns Adjusted Using Patient Specific Motion or Conventional Methods. Applied Sciences (Switzerland), 2020, 10, 9140.	2.5	5
41	Evaluating the Three-Dimensional Printing Accuracy of Partial-Arch Models According to Outer Wall Thickness: An In Vitro Study. Materials, 2021, 14, 6734.	2.9	5
42	Effect of air abrasion, acid etching, and aging on the shear bond strength with resin cement to 3Y-TZP zirconia. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 134, 105348.	3.1	5
43	Recording the trajectory of mouth opening and closing for the fabrication of an occlusal splint. Journal of Prosthetic Dentistry, 2017, 117, 597-600.	2.8	4
44	Sleeve insert scan body to predict implant placement position by using implant surgical guides: A dental technique. Journal of Prosthetic Dentistry, 2022, 127, 827-831.	2.8	4
45	Effects of heat-treatment methods on cytocompatibility and mechanical properties of dental products 3D-printed using photopolymerized resin. Journal of Prosthodontic Research, 2023, 67, 121-131.	2.8	4
46	A Two-Stage Surgical Approach to the Treatment of Severe Peri-Implant Defect: A 30-Month Clinical Follow-Up Report. Journal of Oral Implantology, 2014, 40, 299-305.	1.0	3
47	Simplified digital workflow for dental implant restoration onÂaÂstockÂabutment using an intraoral scanner: AÂdentalÂtechnique. Journal of Prosthetic Dentistry, 2017, 118, 268-272.	2.8	3
48	Mounting casts on a mechanical articulator by using digital multisource data: A dental technique. Journal of Prosthetic Dentistry, 2021, 125, 41-45.	2.8	3
49	Evaluation of the Trueness of Digital Implant Impressions According to the Implant Scan Body Orientation and Scanning Method. Applied Sciences (Switzerland), 2021, 11, 3027.	2.5	3
50	Alteration of the Occlusal Vertical Dimension for Prosthetic Restoration Using a Target Tracking System. Applied Sciences (Switzerland), 2021, 11, 6196.	2.5	3
51	Accuracy Improvement of Intraoral Scanning and Buccal Bite Registration Using Healing Abutment as Landmarks: An In Vitro Study. Applied Sciences (Switzerland), 2021, 11, 318.	2.5	3
52	Eight-year follow-up of two different removable prostheses using six implants in maxillary edentulous patients. The Journal of Korean Academy of Prosthodontics, 2017, 55, 300.	0.1	2
53	The use of implant surveyed fixed prosthesis for removable partial denture with a few unilateral remaining teeth: A case report. The Journal of Korean Academy of Prosthodontics, 2019, 57, 254.	0.1	2
54	Computer-based implant planning involving a prefabricated custom tray with alumina landmark structures. Journal of Prosthetic Dentistry, 2019, 121, 373-377.	2.8	2

Јолс-Еил Кім

#	Article	IF	CITATIONS
55	Accuracy of Implant Position Reproduction According to Exposed Length of the Scan Body during Optical Scanning: An In Vitro Study. Applied Sciences (Switzerland), 2021, 11, 1689.	2.5	2
56	Restorative Space Analysis by Jaw Motion Tracking Using a Template in Completely Edentulous Patients. Applied Sciences (Switzerland), 2021, 11, 3933.	2.5	2
57	Effect of Acid Mixtures on Surface Properties and Biaxial Flexural Strength of As-Sintered and Air-Abraded Zirconia. Materials, 2021, 14, 2359.	2.9	2
58	Computer-guided implant planning using a preexisting removable partial dental prosthesis. Journal of Prosthetic Dentistry, 2017, 117, 13-17.	2.8	1
59	Fabrication of immediate complete denture using Campagna tray technique. The Journal of Korean Academy of Prosthodontics, 2017, 55, 331.	0.1	1
60	A Review of the Digital Impression Taking Technique of Implants by Using a Coded Healing Abutment. The Korean Academy of Oral and Maxillofacial Implantology, 2017, 21, 128-136.	0.3	1
61	Comparison of crown designs of different dental occupational groups, using CAD-CAM. The Journal of Korean Academy of Prosthodontics, 2016, 54, 234.	0.1	0
62	Use of digital scan data for evaluation of edentulous ridge relationship: A case report for removable prosthesis with unilateral cross bite. The Journal of Korean Academy of Prosthodontics, 2019, 57, 304.	0.1	0
63	Interalveolar ridge crest relation analysis and rehabilitation of edentulous patient using dental CAD software: A case report. The Journal of Korean Academy of Prosthodontics, 2019, 57, 31.	0.1	0
64	Digital approach for production of interim implant-supported fixed restoration with a prefabricated implant componentAlibrary. Journal of Prosthetic Dentistry, 2020, 123, 384-388.	2.8	0
65	Finite element analysis of the effect of novel Lock Screw system preventing abutment screw loosening. Journal of Dental Rehabilitation and Applied Science, 2019, 35, 132-142.	0.3	0
66	Dental students' clinical confidence in denture treatment after clinical experiences. The Journal of Korean Academy of Prosthodontics, 2020, 58, 185.	0.1	0
67	A Review of the Digital Impression Taking Technique of Implants by Using a Coded Healing Abutment A Review of the Digital Impression Taking Technique of Implants by Using a Coded Healing<br Abutment>. The Korean Academy of Oral and Maxillofacial Implantology, 2017, 21, 128-136.	0.3	0