

# Jong-Eun Kim

## 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.

60  
papers

468  
citations

12  
h-index

20  
g-index

69  
ext. papers

789  
ext. citations

2.9  
avg, IF

4.22  
L-index

#	Paper	IF	Citations
60	Influence of different postcuring parameters on mechanical properties and biocompatibility of 3D printed crown and bridge resin for temporary restorations.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2022</b> , 128, 105127	4.1	0
59	Evaluating oxygen shielding effect using glycerin or vacuum with varying temperature on 3D printed photopolymer in post-polymerization.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2022</b> , 130, 105170	4.1	0
58	Effects of Artificial Tooth Brushing and Hydrothermal Aging on the Mechanical Properties and Color Stability of Dental 3D Printed and CAD/CAM Materials. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
57	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> , <b>2021</b> , 11, 10000	2.6	2
56	Accuracy Improvement of Intraoral Scanning and Buccal Bite Registration Using Healing Abutment as Landmarks: An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 318	2.6	0
55	Dental students' perceptions on a simulated practice using patient-based customised typodonts during the transition from preclinical to clinical education. <i>European Journal of Dental Education</i> , <b>2021</b> ,	2.5	2
54	Evaluation of the Trueness of Digital Implant Impressions According to the Implant Scan Body Orientation and Scanning Method. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3027	2.6	0
53	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. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
52	A Comparison of Accuracy of Different Dental Restorative Materials between Intraoral Scanning and Conventional Impression-Taking: An In Vitro Study. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
51	Restorative Space Analysis by Jaw Motion Tracking Using a Template in Completely Edentulous Patients. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 3933	2.6	1
50	Effects of Postcuring Temperature on the Mechanical Properties and Biocompatibility of Three-Dimensional Printed Dental Resin Material. <i>Polymers</i> , <b>2021</b> , 13,	4.5	14
49	Alteration of the Occlusal Vertical Dimension for Prosthetic Restoration Using a Target Tracking System. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 6196	2.6	0
48	Color and Translucency Stability of Three-Dimensional Printable Dental Materials for Crown and Bridge Restorations. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
47	Mounting casts on a mechanical articulator by using digital multisource data: A dental technique. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> , 125, 41-45	4	0
46	Influence of Edentulous Conditions on Intraoral Scanning Accuracy of Virtual Interocclusal Record in Quadrant Scan. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1489	2.6	0
45	Accuracy of Implant Position Reproduction According to Exposed Length of the Scan Body during Optical Scanning: An In Vitro Study. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1689	2.6	0
44	Sleeve insert scan body to predict implant placement position by using implant surgical guides: A dental technique. <i>Journal of Prosthetic Dentistry</i> , <b>2021</b> ,	4	1

43	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. <i>Polymers</i> , <b>2020</b> , 12,	4.5	2
42	Transfer Learning via Deep Neural Networks for Implant Fixture System Classification Using Periapical Radiographs. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	28
41	Dental students\clinical confidence in denture treatment after clinical experiences. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2020</b> , 58, 185	0.2	
40	Comparison between Occlusal Errors of Single Posterior Crowns Adjusted Using Patient Specific Motion or Conventional Methods. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 9140	2.6	0
39	Printing accuracy, mechanical properties, surface characteristics, and microbial adhesion of 3D-printed resins with various printing orientations. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 124, 468-475	4	5 <sup>1</sup>
38	Effects of Post-Curing Time on the Mechanical and Color Properties of Three-Dimensional Printed Crown and Bridge Materials. <i>Polymers</i> , <b>2020</b> , 12,	4.5	3 <sup>0</sup>
37	Evaluation of the Color Stability of 3D-Printed Crown and Bridge Materials against Various Sources of Discoloration: An In Vitro Study. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
36	Evaluation of the 3D Printing Accuracy of a Dental Model According to Its Internal Structure and Cross-Arch Plate Design: An In Vitro Study. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
35	Digital approach for production of interim implant-supported fixed restoration with a prefabricated implant component\library. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 384-388	4	
34	A generation\process for a three-dimensional digital cast that\simulates the oral cavity by using an existing\maxillary\bbturator. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 531-534	4	1
33	The use of implant surveyed fixed prosthesis for removable partial denture with a few unilateral remaining teeth: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2019</b> , 57, 254	0.2	1
32	Use of digital scan data for evaluation of edentulous ridge relationship: A case report for removable prosthesis with unilateral cross bite. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2019</b> , 57, 304	0.2	
31	Assessment of metal sleeve-free 3D-printed implant surgical guides. <i>Dental Materials</i> , <b>2019</b> , 35, 468-476	5.7	17
30	The Impact of Metal Artifacts Within Cone Beam Computed Tomography Data on the Accuracy of Computer-Based Implant Surgery: An In Vitro Study. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2019</b> , 34, 585-594	2.8	5
29	Interalveolar ridge crest relation analysis and rehabilitation of edentulous patient using dental CAD software: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2019</b> , 57, 31	0.2	
28	A digital approach to dynamic jaw tracking using a target tracking system and a structured-light three-dimensional scanner. <i>Journal of Prosthodontic Research</i> , <b>2019</b> , 63, 115-119	4.3	7
27	Effect of wet storage on the bioactivity of ultraviolet light- and non-thermal atmospheric pressure plasma-treated titanium and zirconia implant surfaces. <i>Materials Science and Engineering C</i> , <b>2019</b> , 105, 110049	8.3	19
26	Accuracy of Scanned Stock Abutments Using Different Intraoral Scanners: An In Vitro Study. <i>Journal of Prosthodontics</i> , <b>2019</b> , 28, 797-803	3.9	7

25	Finite element analysis of the effect of novel Lock Screw system preventing abutment screw loosening. <i>Journal of Dental Rehabilitation and Applied Science</i> , <b>2019</b> , 35, 132-142	0.2	
24	A new minimally invasive guided endodontic microsurgery by cone beam computed tomography and 3-dimensional printing technology. <i>Restorative Dentistry &amp; Endodontics</i> , <b>2019</b> , 44, e29	1.5	4
23	A digital implant custom tray fabrication method using the design process for simulating the position of the impression copings and 3D printing technology. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 566-570	4	3
22	Computer-based implant planning involving a prefabricated custom tray with alumina landmark structures. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 373-377	4	0
21	Complete assessment of occlusal dynamics and establishment of a digital workflow by using target tracking with a three-dimensional facial scanner. <i>Journal of Prosthodontic Research</i> , <b>2019</b> , 63, 120-124	4.3	11
20	Enamel wear and aging of translucent zirconias: In vitro and clinical studies. <i>Journal of Prosthetic Dentistry</i> , <b>2019</b> , 121, 417-425	4	9
19	Simplified digital workflow for dental implant restoration on a stock abutment using an intraoral scanner: A dental technique. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 118, 268-272	4	1
18	Effects of artificial aging on the biaxial flexural strength of Ce-TZP/Al <sub>2</sub> O <sub>3</sub> and Y-TZP after various occlusal adjustments. <i>Ceramics International</i> , <b>2017</b> , 43, 9951-9959	5.1	7
17	Biomechanical Evaluation of a Tooth Restored with High Performance Polymer PEKK Post-Core System: A 3D Finite Element Analysis. <i>BioMed Research International</i> , <b>2017</b> , 2017, 1373127	3	14
16	Effect of air-particle pressures on the surface topography and bond strengths of resin cement to the hybrid ceramics. <i>Dental Materials Journal</i> , <b>2017</b> , 36, 454-460	2.5	9
15	Eight-year follow-up of two different removable prostheses using six implants in maxillary edentulous patients. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2017</b> , 55, 300	0.2	2
14	Digital workflow for a dental prosthesis that considers lateral mandibular relation. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 340-344	4	5
13	Accuracy of intraoral digital impressions using an artificial landmark. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 755-761	4	71
12	Recording the trajectory of mouth opening and closing for the fabrication of an occlusal splint. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 597-600	4	3
11	Computer-guided implant planning using a preexisting removable partial dental prosthesis. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 13-17	4	1
10	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. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 205-208	4	9
9	Fabrication of immediate complete denture using Campagna tray technique. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2017</b> , 55, 331	0.2	1
8	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. <i>International Journal of Prosthodontics</i> , <b>2017</b> , 30, 581-585	1.9	18

7	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 Abutment. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , <b>2017</b> , 21, 128-136	0.3	
6	A Review of the Digital Impression Taking Technique of Implants by Using a Coded Healing Abutment. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , <b>2017</b> , 21, 128-136	0.3	1
5	Comparison of crown designs of different dental occupational groups, using CAD-CAM. <i>The Journal of Korean Academy of Prosthodontics</i> , <b>2016</b> , 54, 234	0.2	
4	Effect of Surface Treatment on Shear Bond Strength between Resin Cement and Ce-TZP/Al <sub>2</sub> O <sub>3</sub> . <i>BioMed Research International</i> , <b>2016</b> , 2016, 7576942	3	3
3	A two-stage surgical approach to the treatment of severe peri-implant defect: a 30-month clinical follow-up report. <i>Journal of Oral Implantology</i> , <b>2014</b> , 40, 299-305	1.2	2
2	Ridge preservation using demineralized bone matrix gel with recombinant human bone morphogenetic protein-2 after tooth extraction: a randomized controlled clinical trial. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 1281-90	1.8	43
1	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. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2013</b> , 115, e24-31	2	19