

# Jong-Eun Kim

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6144502/jong-eun-kim-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Accuracy of intraoral digital impressions using an artificial landmark. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 755-761	4	7 <sup>1</sup>
59	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>
58	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
57	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>
56	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
55	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
54	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
53	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
52	Assessment of metal sleeve-free 3D-printed implant surgical guides. <i>Dental Materials</i> , <b>2019</b> , 35, 468-476	5.7	17
51	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
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	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
48	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
47	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
46	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
45	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
44	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

43	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
42	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
41	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
40	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
39	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
38	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
37	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
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	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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

25	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
24	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
23	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
22	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
21	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
20	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
19	A generation process for a three-dimensional digital cast that simulates the oral cavity by using an existing maxillary obturator. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 531-534	4	1
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	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

- 7 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 0.2
- 6 Inter-alveolar 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 0.2
- 5 Dental students' clinical confidence in denture treatment after clinical experiences. *The Journal of Korean Academy of Prosthodontics*, **2020**, 58, 185 0.2
- 4 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. *The Korean Academy of Oral and Maxillofacial Implantology*, **2017**, 21, 128-136 0.3
- 3 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 0.2
- 2 Comparison of crown designs of different dental occupational groups, using CAD-CAM. *The Journal of Korean Academy of Prosthodontics*, **2016**, 54, 234 0.2
- 1 Digital approach for production of interim implant-supported fixed restoration with a prefabricated implant component library. *Journal of Prosthetic Dentistry*, **2020**, 123, 384-388 4