

Jong-Eun Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6144502/publications.pdf>

Version: 2024-02-01

67
papers

1,195
citations

430442

18
h-index

414034

32
g-index

69
all docs

69
docs citations

69
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	Printing accuracy, mechanical properties, surface characteristics, and microbial adhesion of 3D-printed resins with various printing orientations. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 468-475.	1.1	168
2	Accuracy of intraoral digital impressions using an artificial landmark. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 755-761.	1.1	126
3	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
4	Transfer Learning via Deep Neural Networks for Implant Fixture System Classification Using Periapical Radiographs. <i>Journal of Clinical Medicine</i> , 2020, 9, 1117.	1.0	62
5	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> , 2014, 72, 1281-1290.	0.5	55
6	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
7	Evaluation of the Color Stability of 3D-Printed Crown and Bridge Materials against Various Sources of Discoloration: An In Vitro Study. <i>Materials</i> , 2020, 13, 5359.	1.3	42
8	Assessment of metal sleeve-free 3D-printed implant surgical guides. <i>Dental Materials</i> , 2019, 35, 468-476.	1.6	36
9	Biomechanical Evaluation of a Tooth Restored with High Performance Polymer PEKK Post-Core System: A 3D Finite Element Analysis. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	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. <i>International Journal of Prosthodontics</i> , 2017, 30, 581-585.	0.7	30
11	Effect of wet storage on the bioactivity of ultraviolet light- and non-thermal atmospheric pressure plasma-treated titanium and zirconia implant surfaces. <i>Materials Science and Engineering C</i> , 2019, 105, 110049.	3.8	28
12	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> , 2019, 63, 115-119.	1.1	27
13	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
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. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 115, e24-e31.	0.2	25
15	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> , 2019, 63, 120-124.	1.1	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. <i>Materials</i> , 2021, 14, 6207.	1.3	23
17	A Comparison of Accuracy of Different Dental Restorative Materials between Intraoral Scanning and Conventional Impression-Taking: An In Vitro Study. <i>Materials</i> , 2021, 14, 2060.	1.3	22
18	Effect of air-particle pressures on the surface topography and bond strengths of resin cement to the hybrid ceramics. <i>Dental Materials Journal</i> , 2017, 36, 454-460.	0.8	18

#	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. <i>Materials</i> , 2020, 13, 5433.	1.3	18
20	Color and Translucency Stability of Three-Dimensional Printable Dental Materials for Crown and Bridge Restorations. <i>Materials</i> , 2021, 14, 650.	1.3	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. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 205-208.	1.1	16
22	A new minimally invasive guided endodontic microsurgery by cone beam computed tomography and 3-dimensional printing technology. <i>Restorative Dentistry & Endodontics</i> , 2019, 44, e29.	0.6	16
23	Enamel wear and aging of translucent zirconias: In Vitro and clinical studies. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 417-425.	1.1	16
24	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> , 2022, 128, 105127.	1.5	15
25	Accuracy of Scanned Stock Abutments Using Different Intraoral Scanners: An In Vitro Study. <i>Journal of Prosthodontics</i> , 2019, 28, 797-803.	1.7	13
26	Evaluation of Dimensional Changes According to Aging Period and Postcuring Time of 3D-Printed Denture Base Prostheses: An In Vitro Study. <i>Materials</i> , 2021, 14, 6185.	1.3	9
27	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> , 2022, 130, 105170.	1.5	9
28	Effects of artificial aging on the biaxial flexural strength of Ce-TZP/Al ₂ O ₃ and Y-TZP after various occlusal adjustments. <i>Ceramics International</i> , 2017, 43, 9951-9959.	2.3	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. <i>Polymers</i> , 2021, 13, 1236.	2.0	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. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10000.	1.3	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. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 585-594.	0.6	7
32	Influence of Edentulous Conditions on Intraoral Scanning Accuracy of Virtual Interocclusal Record in Quadrant Scan. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1489.	1.3	7
33	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> , 2022, 26, 55-65.	1.0	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. <i>Journal of Clinical Medicine</i> , 2022, 11, 852.	1.0	7
35	Digital workflow for a dental prosthesis that considers lateral mandibular relation. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 340-344.	1.1	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. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 566-570.	1.1	6

#	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. <i>Polymers</i> , 2020, 12, 1396.	2.0	6
38	Effect of Surface Treatment on Shear Bond Strength between Resin Cement and Ce-TZP/Al ₂ O ₃ . <i>BioMed Research International</i> , 2016, 2016, 1-7.	0.9	5
39	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> , 2020, 123, 531-534.	1.1	5
40	Comparison between Occlusal Errors of Single Posterior Crowns Adjusted Using Patient Specific Motion or Conventional Methods. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9140.	1.3	5
41	Evaluating the Three-Dimensional Printing Accuracy of Partial-Arch Models According to Outer Wall Thickness: An In Vitro Study. <i>Materials</i> , 2021, 14, 6734.	1.3	5
42	Effect of air abrasion, acid etching, and aging on the shear bond strength with resin cement to 3Y-TZP zirconia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 134, 105348.	1.5	5
43	Recording the trajectory of mouth opening and closing for the fabrication of an occlusal splint. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 597-600.	1.1	4
44	Sleeve insert scan body to predict implant placement position by using implant surgical guides: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 827-831.	1.1	4
45	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
46	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> , 2014, 40, 299-305.	0.4	3
47	Simplified digital workflow for dental implant restoration on a stock abutment using an intraoral scanner: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 268-272.	1.1	3
48	Mounting casts on a mechanical articulator by using digital multisource data: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 41-45.	1.1	3
49	Evaluation of the Trueness of Digital Implant Impressions According to the Implant Scan Body Orientation and Scanning Method. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3027.	1.3	3
50	Alteration of the Occlusal Vertical Dimension for Prosthetic Restoration Using a Target Tracking System. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6196.	1.3	3
51	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
52	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> , 2017, 55, 300.	0.0	2
53	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> , 2019, 57, 254.	0.0	2
54	Computer-based implant planning involving a prefabricated custom tray with alumina landmark structures. <i>Journal of Prosthetic Dentistry</i> , 2019, 121, 373-377.	1.1	2

#	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.	1.3	2
56	Restorative Space Analysis by Jaw Motion Tracking Using a Template in Completely Edentulous Patients. Applied Sciences (Switzerland), 2021, 11, 3933.	1.3	2
57	Effect of Acid Mixtures on Surface Properties and Biaxial Flexural Strength of As-Sintered and Air-Abraded Zirconia. Materials, 2021, 14, 2359.	1.3	2
58	Computer-guided implant planning using a preexisting removable partial dental prosthesis. Journal of Prosthetic Dentistry, 2017, 117, 13-17.	1.1	1
59	Fabrication of immediate complete denture using Campagna tray technique. The Journal of Korean Academy of Prosthodontics, 2017, 55, 331.	0.0	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.	0.0	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.	0.0	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.	0.0	0
64	Digital approach for production of interim implant-supported fixed restoration with a prefabricated implant component library. Journal of Prosthetic Dentistry, 2020, 123, 384-388.	1.1	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.	0.1	0
66	Dental students' clinical confidence in denture treatment after clinical experiences. The Journal of Korean Academy of Prosthodontics, 2020, 58, 185.	0.0	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 Abutment-->. The Korean Academy of Oral and Maxillofacial Implantology, 2017, 21, 128-136.	0.3	0