

# Woong-Chul Kim

## List of Publications by Citations

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52  
papers

1,049  
citations

19  
h-index

31  
g-index

52  
ext. papers

1,295  
ext. citations

2.8  
avg. IF

4.64  
L-index

#	Paper	IF	Citations
52	Three-dimensional evaluation of gaps associated with fixed dental prostheses fabricated with new technologies. <i>Journal of Prosthetic Dentistry</i> , <b>2014</b> , 112, 1432-6	4	83
51	An evaluation of marginal fit of three-unit fixed dental prostheses fabricated by direct metal laser sintering system. <i>Dental Materials</i> , <b>2013</b> , 29, e91-6	5.7	83
50	Accuracy of complete-arch model using an intraoral video scanner: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 755-9	4	72
49	Evaluation of the marginal and internal gap of metal-ceramic crown fabricated with a selective laser sintering technology: two- and three-dimensional replica techniques. <i>Journal of Advanced Prosthodontics</i> , <b>2013</b> , 5, 179-86	2.2	54
48	Comparison and evaluation of marginal and internal gaps in cobalt-chromium alloy copings fabricated using subtractive and additive manufacturing. <i>Journal of Prosthodontic Research</i> , <b>2018</b> , 62, 56-64	4.3	45
47	Comparing the accuracy (trueness and precision) of models of fixed dental prostheses fabricated by digital and conventional workflows. <i>Journal of Prosthodontic Research</i> , <b>2019</b> , 63, 25-30	4.3	44
46	A comparative study of additive and subtractive manufacturing for dental restorations. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 118, 187-193	4	43
45	Accuracy of single-abutment digital cast obtained using intraoral and cast scanners. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 253-259	4	43
44	Bond and fracture strength of metal-ceramic restorations formed by selective laser sintering. <i>Journal of Advanced Prosthodontics</i> , <b>2014</b> , 6, 266-71	2.2	40
43	Comparison of prosthetic models produced by traditional and additive manufacturing methods. <i>Journal of Advanced Prosthodontics</i> , <b>2015</b> , 7, 294-302	2.2	31
42	Accuracy and precision of polyurethane dental arch models fabricated using a three-dimensional subtractive rapid prototyping method with an intraoral scanning technique. <i>Korean Journal of Orthodontics</i> , <b>2014</b> , 44, 69-76	1.4	31
41	Three-dimensional evaluation of the repeatability of scanned conventional impressions of prepared teeth generated with white- and blue-light scanners. <i>Journal of Prosthetic Dentistry</i> , <b>2015</b> , 114, 549-53	4	30
40	Three-dimensional analysis of marginal and internal fit of copings fabricated with polyetherketoneketone (PEKK) and zirconia. <i>Journal of Prosthodontic Research</i> , <b>2017</b> , 61, 106-112	4.3	30
39	Reproducibility of different arrangement of resin copings by dental microstereolithography: Evaluating the marginal discrepancy of resin copings. <i>Journal of Prosthetic Dentistry</i> , <b>2017</b> , 117, 260-265	4	30
38	Accuracy evaluation of metal copings fabricated by computer-aided milling and direct metal laser sintering systems. <i>Journal of Advanced Prosthodontics</i> , <b>2015</b> , 7, 122-8	2.2	26
37	Trueness of milled prostheses according to number of ball-end mill burs. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 624-9	4	22
36	Evaluation of the marginal and internal gaps of three different dental prostheses: comparison of the silicone replica technique and three-dimensional superimposition analysis. <i>Journal of Advanced Prosthodontics</i> , <b>2017</b> , 9, 159-169	2.2	22

35	Evaluation of the fit of metal ceramic restorations fabricated with a pre-sintered soft alloy. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 909-915	4	22
34	Accuracy of Dental Replica Models Using Photopolymer Materials in Additive Manufacturing: In Vitro Three-Dimensional Evaluation. <i>Journal of Prosthodontics</i> , <b>2019</b> , 28, e557-e562	3.9	21
33	Translucency of zirconia-based pressable ceramics with different core and veneer thicknesses. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 115, 768-72	4	19
32	In vitro assessment of the marginal and internal fits of interim implant restorations fabricated with different methods. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 536-542	4	19
31	Accuracy of 3-unit fixed dental prostheses fabricated on 3D-printed casts. <i>Journal of Prosthetic Dentistry</i> , <b>2020</b> , 123, 135-142	4	18
30	Accuracy of provisional crowns made using stereolithography apparatus and subtractive technique. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 354-360	2.2	18
29	Accuracy of 3D white light scanning of abutment teeth impressions: evaluation of trueness and precision. <i>Journal of Advanced Prosthodontics</i> , <b>2014</b> , 6, 468-73	2.2	17
28	White light scanner-based repeatability of 3-dimensional digitizing of silicon rubber abutment teeth impressions. <i>Journal of Advanced Prosthodontics</i> , <b>2013</b> , 5, 452-6	2.2	16
27	Three-dimensional evaluation of the repeatability of scans of stone models and impressions using a blue LED scanner. <i>Dental Materials Journal</i> , <b>2015</b> , 34, 686-91	2.5	14
26	Evaluation of different approaches for using a laser scanner in digitization of dental impressions. <i>Journal of Advanced Prosthodontics</i> , <b>2014</b> , 6, 22-9	2.2	14
25	Repeatability and reproducibility of individual abutment impression, assessed with a blue light scanner. <i>Journal of Advanced Prosthodontics</i> , <b>2016</b> , 8, 214-8	2.2	14
24	In vitro evaluation of the bond strength between various ceramics and cobalt-chromium alloy fabricated by selective laser sintering. <i>Journal of Advanced Prosthodontics</i> , <b>2015</b> , 7, 312-6	2.2	11
23	Evaluation of the marginal and internal fit of a single crown fabricated based on a three-dimensional printed model. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 367-373	2.2	11
22	New approach to accuracy verification of 3D surface models: An analysis of point cloud coordinates. <i>Journal of Prosthodontic Research</i> , <b>2016</b> , 60, 98-105	4.3	10
21	Evaluation of the color reproducibility of all-ceramic restorations fabricated by the digital veneering method. <i>Journal of Advanced Prosthodontics</i> , <b>2014</b> , 6, 71-8	2.2	10
20	The effect of powder A2/powder A3 mixing ratio on color and translucency parameters of dental porcelain. <i>Journal of Advanced Prosthodontics</i> , <b>2015</b> , 7, 400-5	2.2	8
19	Evaluation of shear bond strength of veneering ceramics and zirconia fabricated by the digital veneering method. <i>Journal of Prosthodontic Research</i> , <b>2016</b> , 60, 106-13	4.3	7
18	Three-dimensional evaluation of the reproducibility of presintered zirconia single copings fabricated with the subtractive method. <i>Journal of Prosthetic Dentistry</i> , <b>2016</b> , 116, 237-41	4	7

17	Evaluation of marginal discrepancy of pressable ceramic veneer fabricated using CAD/CAM system: Additive and subtractive manufacturing. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 347-353	2.2	7
16	Ceramic molar crown reproducibility by digital workflow manufacturing: An study. <i>Journal of Advanced Prosthodontics</i> , <b>2017</b> , 9, 252-256	2.2	6
15	Three-dimensional trueness analysis of ceramic crowns fabricated using a chairside computer-aided design/manufacturing system: An in vitro study. <i>Journal of Prosthodontic Research</i> , <b>2020</b> , 64, 152-158	4.3	6
14	Trueness and precision of scanning abutment impressions and stone models according to dental CAD/CAM evaluation standards. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 335-339	2.2	6
13	Evaluation of the reproducibility of various abutments using a blue light model scanner. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 328-334	2.2	5
12	Evaluation of marginal and internal gaps of Ni-Cr and Co-Cr alloy copings manufactured by microstereolithography. <i>Journal of Advanced Prosthodontics</i> , <b>2017</b> , 9, 176-181	2.2	5
11	A study on the machining accuracy of dental digital method focusing on dental inlay. <i>Journal of Advanced Prosthodontics</i> , <b>2018</b> , 10, 321-327	2.2	5
10	Reproducibility of different coping arrangements fabricated by dental micro-stereolithography: Evaluation of marginal and internal gaps in metal copings. <i>Journal of Dental Sciences</i> , <b>2018</b> , 13, 220-225	2.5	4
9	Effects of core and veneer thicknesses on the color of CAD-CAM lithium disilicate ceramics. <i>Journal of Prosthetic Dentistry</i> , <b>2018</b> , 119, 461-466	4	4
8	In vitro evaluation of marginal and internal adaptation of three-unit fixed dental prostheses produced by stereolithography. <i>Dental Materials Journal</i> , <b>2014</b> , 33, 504-9	2.5	4
7	Evaluation of marginal and internal gap of three-unit metal framework according to subtractive manufacturing and additive manufacturing of CAD/CAM systems. <i>Journal of Advanced Prosthodontics</i> , <b>2017</b> , 9, 463-469	2.2	3
6	Comparison of accuracy of digital data obtained by intra-oral scanner and extra-oral scanner. <i>Journal of Korean Academy of Dental Technology</i> , <b>2015</b> , 37, 191-197	0.3	3
5	Evaluation of marginal and internal gaps in single and three-unit metal frameworks made by micro-stereolithography. <i>Journal of Advanced Prosthodontics</i> , <b>2017</b> , 9, 239-243	2.2	2
4	Comparison of reproducibility of prepared tooth impression scanning utilized with white and blue light scanners. <i>Journal of Korean Academy of Dental Technology</i> , <b>2015</b> , 37, 213-218	0.3	2
3	Effects of Different Thickness Combinations of Core and Veneer Ceramics on Optical Properties of CAD-CAM Glass-Ceramics. <i>BioMed Research International</i> , <b>2019</b> , 2019, 5856482	3	1
2	Pressure Differences from Clear Aligner Movements Assessed by Pressure Sensors. <i>BioMed Research International</i> , <b>2020</b> , 2020, 8376395	3	1
1	A comparison of different thicknesses of mouthguards according to the groove shape of sheets. <i>Dental Traumatology</i> , <b>2018</b> , 34, 360-364	4.5	