

Seong-Kyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

545
citations

687363

13
h-index

677142

22
g-index

54
all docs

54
docs citations

54
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Printing Parameters on the Fit of Implant-Supported 3D Printing Resin Prosthetics. <i>Materials</i> , 2019, 12, 2533.	2.9	82
2	Flexural Strength of 3D-Printing Resin Materials for Provisional Fixed Dental Prostheses. <i>Materials</i> , 2020, 13, 3970.	2.9	56
3	Dimensional accuracy and surface characteristics of 3D-printed dental casts. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 427-437.	2.8	40
4	Dimensional Accuracy of Dental Models for Three-Unit Prostheses Fabricated by Various 3D Printing Technologies. <i>Materials</i> , 2021, 14, 1550.	2.9	33
5	Marginal Accuracy and Internal Fit of 3-D Printing Laser-Sintered Co-Cr Alloy Copings. <i>Materials</i> , 2017, 10, 93.	2.9	28
6	Comparison of the mechanical properties and microstructures of fractured surface for Co-Cr alloy fabricated by conventional cast, 3-D printing laser-sintered and CAD/CAM milled techniques. <i>The Journal of Korean Academy of Prosthodontics</i> , 2014, 52, 67.	0.1	27
7	Human Stem Cell Responses and Surface Characteristics of 3D Printing Co-Cr Dental Material. <i>Materials</i> , 2019, 12, 3419.	2.9	25
8	Mechanical Properties and Metal-Ceramic Bond Strength of Co-Cr Alloy Manufactured by Selective Laser Melting. <i>Materials</i> , 2020, 13, 5745.	2.9	22
9	<i>in vivo</i> comparison between the effects of chemically modified hydrophilic and anodically oxidized titanium surfaces on initial bone healing. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 94.	2.0	21
10	Axial Displacement of External and Internal Implant-Abutment Connection Evaluated by Linear Mixed Model Analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 1387-1399.	1.4	19
11	An In Vitro Evaluation of the Loosening of Different Interchangeable Abutments in Internal-Connection Type Implants. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, 350-355.	1.4	19
12	Comparison of implant component fractures in external and internal type: A 12-year retrospective study. <i>Journal of Advanced Prosthodontics</i> , 2018, 10, 155.	2.6	19
13	Survival rate and clinical evaluation of the implants in implant assisted removable partial dentures: surveyed crown and overdenture. <i>Journal of Advanced Prosthodontics</i> , 2020, 12, 239.	2.6	17
14	Osteoclastogenesis Behavior of Zirconia for Dental Implant. <i>Materials</i> , 2019, 12, 732.	2.9	12
15	Clinical Performance of Implant Crown Retained Removable Partial Dentures for Mandibular Edentulism: A Retrospective Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2170.	2.4	11
16	Mechanical complications of implant-supported restorations with internal conical connection implants: A 14-year retrospective study. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 732-740.	2.8	11
17	Effects of Bonding Agents on Metal-Ceramic Bond Strength of Co-Cr Alloys Fabricated by Selective Laser Melting. <i>Materials</i> , 2020, 13, 4322.	2.9	10
18	Surveyed restoration and RPD framework design utilizing electronic surveying. <i>The Journal of Korean Academy of Prosthodontics</i> , 2011, 49, 354.	0.1	9

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19	Cellular Response of Anodized Titanium Surface by Poly(Lactide-co-Glycolide)/Bone Morphogenic Protein-2. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 591-599.	3.7	7
20	Comparison of CAD/CAM abutment and prefabricated abutment in Morse taper internal type implant after cyclic loading: Axial displacement, removal torque, and tensile removal force. <i>Journal of Advanced Prosthodontics</i> , 2019, 11, 305.	2.6	7
21	Digital duplication of provisional prosthesis to fabricate definitive prosthesis for full mouth rehabilitation using double scan technique. <i>The Journal of Korean Academy of Prosthodontics</i> , 2021, 59, 63.	0.1	7
22	New Rehabilitation Concept for Maxillary Edentulism: A Clinical Retrospective Study of Implant Crown Retained Removable Partial Dentures. <i>Journal of Clinical Medicine</i> , 2021, 10, 1773.	2.4	7
23	Comparison of Customized Abutments Made from Titanium and a Machinable Precious Alloy. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016, 31, 92-100.	1.4	6
24	Optimization of growth inducing factors for colony forming and attachment of bone marrow-derived mesenchymal stem cells regarding bioengineering application. <i>Journal of Advanced Prosthodontics</i> , 2014, 6, 379.	2.6	5
25	Clinical evaluation of the removable partial dentures with implant fixed prostheses. <i>The Journal of Korean Academy of Prosthodontics</i> , 2016, 54, 239.	0.1	5
26	Alternative approach to salvaging an implant with a fractured screw fragment: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 18-21.	2.8	5
27	The effects of different pilot-drilling methods on the mechanical stability of a mini-implant system at placement and removal: a preliminary study. <i>Korean Journal of Orthodontics</i> , 2011, 41, 354.	2.3	5
28	RPD framework fabrication using computer-aided design (CAD) and rapid prototyping. <i>The Journal of Korean Academy of Prosthodontics</i> , 2017, 55, 94.	0.1	5
29	Characteristics and response of mouse bone marrow derived novel low adherent mesenchymal stem cells acquired by quantification of extracellular matrix. <i>Journal of Advanced Prosthodontics</i> , 2014, 6, 351.	2.6	4
30	Clinically available preload prediction based on a mechanical analysis. <i>Archive of Applied Mechanics</i> , 2017, 87, 2003-2009.	2.2	4
31	Accuracy of 5-axis precision milling for guided surgical template. <i>The Journal of Korean Academy of Prosthodontics</i> , 2010, 48, 294.	0.1	3
32	Influence of the accuracy of abutment tooth preparation on the marginal adaptation of Co-Cr alloy copings fabricated with a selective laser sintering technology. <i>The Journal of Korean Academy of Prosthodontics</i> , 2015, 53, 337.	0.1	2
33	Implant-supported Restoration Cases Fabricated from Digital Impression Data with the Help of Intraoral Scanner and Virtual Articulator. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017, 21, 14-23.	0.3	2
34	Characterization and Differentiation of Circulating Blood Mesenchymal Stem Cells and the Role of Phosphatidylinositol 3-Kinase in Modulating the Adhesion. <i>International Journal of Stem Cells</i> , 2019, 12, 265-278.	1.8	2
35	Clinical and radiographic evaluations of implants as surveyed crowns for Class I removable partial dentures: A retrospective study. <i>Journal of Advanced Prosthodontics</i> , 2022, 14, 108.	2.6	2
36	Full mouth rehabilitation of an oligodontia patient with intellectual disability based on shortened dental arch concept: a case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2012, 50, 330.	0.1	1

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37	Investigation of anodized titanium implants coated with triterpenoids extracted from black cohosh: an animal study. <i>Journal of Advanced Prosthodontics</i> , 2014, 6, 14.	2.6	1
38	Anin vitro study of mesenchymal stem cell proliferation on titanium discs coated with rhTGF- β 2/PLGA by electrospray. <i>The Journal of Korean Academy of Prosthodontics</i> , 2016, 54, 120.	0.1	1
39	Full mouth rehabilitation using orthodontic treatment and implants in patient with collapsed occlusion: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2019, 57, 439.	0.1	1
40	Effect of cyclic loading on axial displacement of abutment into implant with internal tapered connection: a pilot study. <i>The Journal of Korean Academy of Prosthodontics</i> , 2013, 51, 315.	0.1	1
41	Effects of anaerobic sealing agents on preload maintenance of screw-retained implant prosthesis with surface of screws. <i>The Journal of Korean Academy of Prosthodontics</i> , 2020, 58, 103.	0.1	1
42	Effect of bone-implant contact pattern on bone strain distribution: finite element method study. <i>The Journal of Korean Academy of Prosthodontics</i> , 2011, 49, 214.	0.1	0
43	Osseointegration of the titanium implant coated with rhTGF- β 2/PLGA particles by electrospray: a preliminary microCT analyzing rabbit study. <i>The Journal of Korean Academy of Prosthodontics</i> , 2014, 52, 298.	0.1	0
44	Prosthetic rehabilitation of marginal mandibulectomized patient using implant-supported removable partial denture. <i>The Journal of Korean Academy of Prosthodontics</i> , 2016, 54, 126.	0.1	0
45	Inhibition of Osteoclast differentiation based on precipitation time of titanium surfaces immersed in modified simulated body fluid. <i>The Journal of Korean Academy of Prosthodontics</i> , 2019, 57, 142.	0.1	0
46	Prosthetic rehabilitation of soft palate resection edentulous patient with maxillary obturator. <i>The Journal of Korean Academy of Prosthodontics</i> , 2019, 57, 475.	0.1	0
47	Correction of Movement Error in Parallel-beam CT for Dental Implantology. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2020, 24, 51-61.	0.3	0
48	Implant-supported Restoration Cases Fabricated from Digital Impression Data with the Help of Intraoral Scanner and Virtual Articulator <!---Implant-supported Restoration Cases Fabricated from Digital Impression Data with the Help of Intraoral Scanner and Virtual Articulator-->. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017, 21, 14-23.	0.3	0
49	Full-mouth rehabilitation of a patient with loss of posterior support and collapsed occlusion utilizing dental CAD-CAM system. <i>The Journal of Korean Academy of Prosthodontics</i> , 2022, 60, 44.	0.1	0
50	Full mouth rehabilitation of the patient with severely worn dentition and limited vertical dimension. <i>The Journal of Korean Academy of Prosthodontics</i> , 2022, 60, 91.	0.1	0
51	Effect of Indented Structures on the Retention of Cement-Retained Implant-Supported Crowns by Provisional Cement. <i>Journal of Implantology and Applied Sciences</i> , 2022, 26, 84-93.	0.2	0