

Byung-Ho Choi

List of Publications by Year in descending order

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55
papers

870
citations

471509

17
h-index

501196

28
g-index

55
all docs

55
docs citations

55
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital workflow for fabricating a verification device for an all-on-4 abutment: A dental technique. Journal of Prosthetic Dentistry, 2021, 125, 208-211.	2.8	2
2	Accuracy of the Provisional Prosthesis Scanning Technique versus a Conventional Impression Technique on Completely Edentulous Arches. Applied Sciences (Switzerland), 2021, 11, 7182.	2.5	1
3	Digital Denture Fabrication: A Technical Note. Applied Sciences (Switzerland), 2021, 11, 8093.	2.5	7
4	All-on-6 implant fixed prosthesis restoration with full-digital system on edentulous patient: A case report. The Journal of Korean Academy of Prosthodontics, 2021, 59, 497.	0.1	0
5	Digital workflow for fabricating an overdenture by using an implant surgical template and intraoral scanner. Journal of Prosthetic Dentistry, 2020, 123, 675-679.	2.8	7
6	Effect of Ultraviolet Irradiation on Osseointegration of Dental Implants: A Comparative Histomorphometric Study in Canine Models. Applied Sciences (Switzerland), 2020, 10, 4216.	2.5	4
7	Radiographic evaluation of marginal bone level alteration around narrow implants placed in narrow alveolar ridge using guided flapless surgery. The Journal of Korean Academy of Prosthodontics, 2020, 58, 306.	0.1	0
8	A digital technique for fabricating an interim implant-supported fixed prosthesis immediately after implant placement in patients with complete edentulism. Journal of Prosthetic Dentistry, 2019, 121, 26-31.	2.8	12
9	Immediate nonfunctional loading of implants placed simultaneously using computer-aided guided flapless maxillary crestal sinus augmentation with bone morphogenetic protein-2/collagen matrix. Clinical Implant Dentistry and Related Research, 2019, 21, 1054-1061.	3.7	10
10	Digital Workflow for Computer-Aided Guided Implant Surgery in Edentulous Patients with an Intraoral Scanner and Old Complete Denture. Journal of Prosthodontics, 2019, 28, 715-718.	3.7	17
11	Comparison of stress distribution in dental crown with different cusp angles: 3D finite element analysis. Computer Methods in Biomechanics and Biomedical Engineering, 2019, 22, 251-258.	1.6	1
12	Accuracy of computer-guided implant placement in anterior regions. Journal of Prosthetic Dentistry, 2019, 121, 836-842.	2.8	30
13	A Technique for Digital Impression and Bite Registration for a Single Edentulous Arch. Journal of Prosthodontics, 2019, 28, e519-e523.	3.7	29
14	A CAD-CAM technique for conversion of interim-to-definitive restoration in patients with complete edentulism. Journal of Prosthetic Dentistry, 2018, 120, 190-193.	2.8	8
15	Crestal Sinus Augmentation in the Presence of Severe Sinus Mucosal Thickening. Implant Dentistry, 2018, 27, 388-393.	1.3	1
16	Development of complete dentures based on digital intraoral impressions—Case report. Journal of Prosthodontic Research, 2018, 62, 116-120.	2.8	34
17	Digital intraoral scanning technique for edentulous jaws. Journal of Prosthetic Dentistry, 2018, 119, 733-735.	2.8	57
18	Digital immediate denture: A clinical report. Journal of Prosthetic Dentistry, 2018, 119, 698-701.	2.8	15

#	ARTICLE	IF	CITATIONS
19	Author's Response. <i>Journal of Prosthetic Dentistry</i> , 2018, 119, 500-501.	2.8	0
20	Digital Workflow for Computer-Guided Implant Surgery in Edentulous Patients: A Case Report. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 2541-2549.	1.2	36
21	Crestal Sinus Augmentation in the Presence of an Antral Pseudocyst. <i>Implant Dentistry</i> , 2017, 26, 951-955.	1.3	9
22	Implant prosthesis for fully edentulous patients using intra-oral scanning and abutment merging technique: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2017, 55, 61.	0.1	0
23	The effect of low-speed drilling without irrigation on heat generation: an experimental study. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2016, 42, 9.	0.8	20
24	Titanium-Silver Alloy Miniplates for Mandibular Fixation: InÂVitro and InÂVivo Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 1622.e1-1622.e12.	1.2	14
25	Immediate restorations in a fully edentulous patient utilizing digital system: A case report. <i>The Journal of Korean Academy of Prosthodontics</i> , 2015, 53, 157.	0.1	1
26	Simultaneous sinus lift and implantation using platelet-rich fibrin asÂsole grafting material. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 990-994.	1.7	34
27	Vertical Ridge Augmentation Using Xenogenous Bone Blocks: A Comparison Between the Flap and Tunneling Procedures. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 1660-1670.	1.2	21
28	The effect of guided flapless implant procedure on heat generation from implant drilling. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 725-729.	1.7	32
29	A comparative study of the regenerative effect of sinus bone grafting with platelet-rich fibrin-mixed Bio-OssÂ® and commercial fibrin-mixed Bio-OssÂ®: An experimental study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, e47-e50.	1.7	39
30	Anaphylactic Shock after Intravenous Injection of Penicillin in a Patient with Maxillary Osteonecrosis: Report of a Case. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2014, 14, 243.	0.1	0
31	Evaluation of the accuracy of two different surgical guides in dental implantology: stereolithography fabricated vs. positioning device fabricated surgical guides. <i>The Journal of Korean Academy of Prosthodontics</i> , 2012, 50, 271.	0.1	3
32	Flapless Implant Surgery Using a Mini-Incision. <i>Clinical Implant Dentistry and Related Research</i> , 2012, 14, 74-79.	3.7	9
33	Ridge Alterations following Immediate Implant Placement and the Treatment of Bone Defects with BioâOss in an Animal Model. <i>Clinical Implant Dentistry and Related Research</i> , 2012, 14, 690-695.	3.7	16
34	A 1-year prospective clinical study of soft tissue conditions and marginal bone changes around dental implants after flapless implant surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 111, 41-46.	1.4	45
35	The Care of Facial Palsy after Inferior Alveolar Nerve Block Anesthesia and Temporomandibular Joint Dislocation in Diabetic Mellitus Patient: A Case Report. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2011, 11, 45.	0.1	0
36	Effects of Flapless Implant Surgery on Soft Tissue Profiles: A Prospective Clinical Study. <i>Clinical Implant Dentistry and Related Research</i> , 2011, 13, 324-329.	3.7	11

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37	Suggestion of new methodology for evaluation of osseointegration between implant and bone based on 1/4-CT images. <i>International Journal of Precision Engineering and Manufacturing</i> , 2010, 11, 785-790.	2.2	8
38	A Neuropathic Atypical Odontalgia Recognized after the Apicoectomy under Local Anesthesia on the Maxillary Lateral Incisor: A Case Report. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2010, 10, 20.	0.1	0
39	The effects of tissue punch diameter on healing around implants in flapless implant surgery. <i>The Journal of Korean Academy of Prosthodontics</i> , 2009, 47, 301.	0.1	0
40	Morphogenesis of the peri-implant mucosa: a comparison between flap and flapless procedures in the canine mandible. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 107, 66-70.	1.4	43
41	Blood vessels of the peri-implant mucosa: a comparison between flap and flapless procedures. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 107, 508-512.	1.4	45
42	Bone healing around implants following flap and mini-flap surgeries: a radiographic evaluation between stage I and stage II surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 293-296.	1.4	10
43	Comparison of submerged and nonsubmerged implants placed without flap reflection in the canine mandible. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, 561-565.	1.4	10
44	The Effect of Thick Mucosa on Peri-Implant Tissues: An Experimental Study in Dogs. <i>Journal of Periodontology</i> , 2008, 79, 2151-2155.	3.4	6
45	Influence of Abutment Connections and Plaque Control on the Initial Healing of Prematurely Exposed Implants: An Experimental Study in Dogs. <i>Journal of Periodontology</i> , 2008, 79, 1070-1074.	3.4	5
46	Simultaneous Flapless Implant Placement and Peri-Implant Defect Correction: An Experimental Pilot Study in Dogs. <i>Journal of Periodontology</i> , 2008, 79, 876-880.	3.4	11
47	Stress Reduction Protocol for Proper Local Anesthesia of Advanced Infected Teeth in Medically Compromised Patients: Review of Literature & Report of Cases. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2008, 8, 1.	0.1	2
48	Flapless implant surgery: an experimental study. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 104, 24-28.	1.4	58
49	Ingestion of orthodontic anchorage screws: An experimental study in dogs. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 131, 767-768.	1.7	7
50	Cyanoacrylate adhesive for closing sinus membrane perforations during sinus lifts. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2006, 34, 505-509.	1.7	43
51	Autologous fibrin glue in peripheral nerve regeneration in vivo. <i>Microsurgery</i> , 2005, 25, 495-499.	1.3	30
52	Effect of the combined use of bone morphogenetic protein and platelet-derived growth factor on bone formation in nude mouse. <i>The Journal of the Korean Academy of Periodontology</i> , 2005, 35, 263.	0.1	0
53	Nerve Repair Using a Vein Graft Filled with Collagen Gel. <i>Journal of Reconstructive Microsurgery</i> , 2005, 21, 267-272.	1.8	26
54	The Healing of Exposed Implant Surfaces in A Maxillary Sinus Cavity. <i>The Journal of the Korean Academy of Periodontology</i> , 2005, 35, 1073.	0.1	0

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55	Use of the sandwich osteotomy plus an interpositional allograft for vertical augmentation of the alveolar ridge. Journal of Cranio-Maxillo-Facial Surgery, 2004, 32, 51-54.	1.7	41