

Hyun-Chang Lim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

672
citations

15
h-index

19
g-index

97
ext. papers

901
ext. citations

3.7
avg, IF

4.3
L-index

#	Paper	IF	Citations
93	Immediate implant placement in conjunction with guided bone regeneration and/or connective tissue grafts: an experimental study in canines.. <i>Journal of Periodontal and Implant Science</i> , 2022 , 52, 170-180	2	
92	Complication and Salvage of Sinus Floor Elevation in the Maxillary Sinus With Asymptomatic and Noncalcified Fungus Colonization: A Case Report. <i>Journal of Oral Implantology</i> , 2021 , 47, 242-248	1.2	2
91	Advanced Peri-Implantitis and Implant Removal as Risk Factors for Osteonecrosis of the Jaw in Patients on Oral Bisphosphonate Therapy. <i>Journal of Oral Implantology</i> , 2021 , 47, 420-426	1.2	1
90	Late Developed Unusual Nasal Involvement of Postoperative Maxillary Cyst Following Maxillary Sinus Augmentation: A Case Report. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10730	2.6	0
89	Digital Assessment of Gingival Dimensions of Healthy Periodontium. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
88	Effectiveness of xenogeneic and synthetic bone-block substitute materials with/without recombinant human bone morphogenetic protein-2: A preclinical study using a rabbit calvarium model. <i>Journal of Clinical Periodontology</i> , 2021 , 48, 1126-1136	7.7	1
87	A case series of profilometric changes in two implant placement protocols at periodontally compromised non-molar sites. <i>Scientific Reports</i> , 2021 , 11, 1714	4.9	1
86	Factors affecting maxillary sinus pneumatization following posterior maxillary tooth extraction. <i>Journal of Periodontal and Implant Science</i> , 2021 , 51, 285-295	2	2
85	Clinical and Immunological Efficacy of Mangosteen and Propolis Extracted Complex in Patients with Gingivitis: A Multi-Centered Randomized Controlled Clinical Trial. <i>Nutrients</i> , 2021 , 13,	6.7	4
84	Long-term effects of sinus membrane perforation on dental implants placed with transcrestal sinus floor elevation: A case-control study. <i>Clinical Implant Dentistry and Related Research</i> , 2021 , 23, 758-768	3.9	1
83	Effectiveness of hydraulic pressure-assisted sinus augmentation in a rabbit sinus model: a preclinical study. <i>Clinical Oral Investigations</i> , 2021 , 1	4.2	0
82	Removal of Inflammatory Tissue/Product by Sinus Membrane Puncturing during Lateral Sinus Augmentation in Asymptomatic Patients with Severely Opacified Sinuses: A Case Series. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11831	2.6	1
81	Soft Tissue Management in the Anterior Maxilla 2020 , 117-129		
80	Explorative randomized controlled study comparing soft tissue thickness, contour changes, and soft tissue handling of two ridge preservation techniques and spontaneous healing two months after tooth extraction. <i>Clinical Oral Implants Research</i> , 2020 , 31, 565-574	4.8	11
79	Local tissue effects of various barrier membranes in a rat subcutaneous model. <i>Journal of Periodontal and Implant Science</i> , 2020 , 50, 327-339	2	3
78	Utilizing Chronic Intrasocket Granulation Tissue for Ridge Preservation: A Novel Approach. <i>Journal of Oral Implantology</i> , 2020 , 46, 438-445	1.2	0
77	Functional Endoscopic Sinus Surgery for Paranasal Sinusitis Originating From a Peri-implantitis-Triggered Infection in the Augmented Maxilla: A Case Report. <i>Journal of Oral Implantology</i> , 2020 , 46, 423-429	1.2	1

76	Implant survival and risk factor analysis in regenerated bone: results from a 5-year retrospective study. <i>Journal of Periodontal and Implant Science</i> , 2020 , 50, 379-391	2	3
75	Augmentation of keratinized tissue at tooth and implant sites by using autogenous grafts and collagen-based soft-tissue substitutes. <i>Journal of Clinical Periodontology</i> , 2020 , 47, 64-71	7.7	4
74	Long-term outcomes of the implants accidentally protruding into nasal cavity extended to posterior maxilla due to inferior meatus pneumatization. <i>Clinical Implant Dentistry and Related Research</i> , 2020 , 22, 105-111	3.9	3
73	Late implant placement following ridge preservation versus early implant placement: A pilot randomized clinical trial for periodontally compromised non-molar extraction sites. <i>Journal of Clinical Periodontology</i> , 2020 , 47, 247-256	7.7	6
72	Collagenated Synthetic Bone Substitute Material for Sinus Floor Elevation at Sites with a Perforated Schneiderian Membrane. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
71	Ridge preservation in molar extraction sites with an open-healing approach: A randomized controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2019 , 46, 1144-1154	7.7	16
70	The amount of keratinized mucosa may not influence peri-implant health in compliant patients: A retrospective 5-year analysis. <i>Journal of Clinical Periodontology</i> , 2019 , 46, 354-362	7.7	19
69	Conflicts between histologic and clinical/radiologic findings in functional endoscopic sinus surgery for managing maxillary sinusitis following sinus augmentation: A case report. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019 , 34, 1247-1253	2.8	3
68	Tissue integration of zirconia and titanium implants with and without buccal dehiscence defects-A histologic and radiographic preclinical study. <i>Clinical Oral Implants Research</i> , 2019 , 30, 660-669	4.8	3
67	Primary stability of implants with peri-implant bone defects of various widths: an investigation. <i>Journal of Periodontal and Implant Science</i> , 2019 , 49, 39-46	2	2
66	Cone-beam computed tomographic analysis of the alveolar ridge profile and virtual implant placement for the anterior maxilla. <i>Journal of Periodontal and Implant Science</i> , 2019 , 49, 299-309	2	4
65	Alveolar ridge preservation using an open membrane approach for sockets with bone deficiency: A randomized controlled clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2019 , 21, 175-182	3.9	18
64	Efficacy of lateral bone augmentation prior to implant placement: A systematic review and meta-analysis. <i>Journal of Clinical Periodontology</i> , 2019 , 46 Suppl 21, 287-306	7.7	31
63	Overaugmentation to compensate for postextraction ridge atrophy using a putty-type porcine bone substitute material with recombinant bone morphogenetic protein-2: 4 weeks of healing in a canine model. <i>Clinical Oral Investigations</i> , 2019 , 23, 2465-2474	4.2	2
62	A retrospective comparison of three modalities for vestibuloplasty in the posterior mandible: apically positioned flap only vs. free gingival graft vs. collagen matrix. <i>Clinical Oral Investigations</i> , 2018 , 22, 2121-2128	4.2	19
61	Sinus floor elevation using implants coated with recombinant human bone morphogenetic protein-2: micro-computed tomographic and histomorphometric analyses. <i>Clinical Oral Investigations</i> , 2018 , 22, 829-837	4.2	3
60	Harmine promotes periodontal ligament cell-induced tissue regeneration. <i>Oral Diseases</i> , 2018 , 24, 456-464	4.4	3
59	Effect of Hypoxia-Inducible Factor 1 on Early Healing in Extraction Sockets. <i>BioMed Research International</i> , 2018 , 2018, 8210637	3	1

58	Sinus floor elevation in sites with a perforated schneiderian membrane: What is the effect of placing a collagen membrane in a rabbit model?. <i>Clinical Oral Implants Research</i> , 2018 , 29, 1202-1211	4.8	14
57	Tissue integration of zirconia and titanium implants with and without buccal dehiscence defects. <i>Journal of Periodontal and Implant Science</i> , 2018 , 48, 182-192	2	5
56	Long-term evaluation of sinus floor elevation using a modified lateral approach in the posterior maxilla. <i>Clinical Oral Implants Research</i> , 2017 , 28, 946-953	4.8	7
55	Sinus augmentation using a histone deacetylase inhibitor in a calcium sulfate carrier in rabbit: A pilot study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1916-1923	3.5	3
54	Role of PIN1 on in vivo periodontal tissue and in vitro cells. <i>Journal of Periodontal Research</i> , 2017 , 52, 617-627	4.3	1
53	Recombinant bone morphogenetic protein-2 and platelet-derived growth factor-BB for localized bone regeneration. Histologic and radiographic outcomes of a rabbit study. <i>Clinical Oral Implants Research</i> , 2017 , 28, e236-e243	4.8	15
52	Randomized clinical trial of ridge preservation using porcine bone/cross-linked collagen vs. bovine bone/non-cross-linked collagen: cone beam computed tomographic analysis. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1492-1500	4.8	13
51	Retrospective Analysis of Sinus Membrane Thickening: Profile, Causal Factors, and Its Influence on Complications. <i>Implant Dentistry</i> , 2017 , 26, 868-874	2.4	8
50	Bone Regeneration Using N-Methyl-2-pyrrolidone as an Enhancer for Recombinant Human Bone Morphogenetic Protein-2 in a Rabbit Sinus Augmentation Model. <i>BioMed Research International</i> , 2017 , 2017, 4153073	3	3
49	Xerogel Interfaced Nanofibers Stimulate Bone Regeneration Through the Activation of Integrin and Bone Morphogenetic Protein Pathways. <i>Journal of Biomedical Nanotechnology</i> , 2017 , 13, 180-91	4	6
48	Validity of Collagen Plugs for Ridge Preservation in a Canine Model. <i>Implant Dentistry</i> , 2017 , 26, 892-898	2.4	3
47	De novo bone formation underneath the sinus membrane supported by a bone patch: a pilot experiment in rabbit sinus model. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1175-1181	4.8	2
46	Alveolar ridge preservation with an open-healing approach using single-layer or double-layer coverage with collagen membranes. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 372-380	2	15
45	Sinus augmentation using rhBMP-2-loaded synthetic bone substitute with simultaneous implant placement in rabbits. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 86-95	2	7
44	Comparison of the Bone Harvesting Capacity of an Intraoral Bone Harvesting Device and Three Different Implant Drills. <i>BioMed Research International</i> , 2017 , 2017, 7819080	3	2
43	Sinus augmentation using rhBMP-2-loaded synthetic bone substitute with simultaneous implant placement in rabbits. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 86	2	
42	Implant Placement in Posterior Maxilla Using Modified Lateral Approach: Case Reports Implant Placement in Posterior Maxilla Using Modified Lateral Approach: Case Reports. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017 , 21, 178-187	0.3	
41	Implant Placement in Posterior Maxilla Using Modified Lateral Approach: Case Reports. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017 , 21, 178-187	0.3	

40	A high concentration of recombinant human bone morphogenetic protein-2 induces low-efficacy bone regeneration in sinus augmentation: a histomorphometric analysis in rabbits. <i>Clinical Oral Implants Research</i> , 2016 , 27, e199-e205	4.8	14
39	Sonic Hedgehog Promotes Cementoblastic Differentiation via Activating the BMP Pathways. <i>Calcified Tissue International</i> , 2016 , 99, 396-407	3.9	12
38	Prevalence of Cervical Enamel Projection and Its Impact on Furcation Involvement in Mandibular Molars: A Cone-Beam Computed Tomography Study in Koreans. <i>Anatomical Record</i> , 2016 , 299, 379-84	2.1	7
37	Bone regenerative efficacy of biphasic calcium phosphate collagen composite as a carrier of rhBMP-2. <i>Clinical Oral Implants Research</i> , 2016 , 27, e91-e99	4.8	25
36	Sulfuretin promotes osteoblastic differentiation in primary cultured osteoblasts and in vivo bone healing. <i>Oncotarget</i> , 2016 , 7, 78320-78330	3.3	18
35	Effects of a mouthwash containing potassium nitrate, sodium fluoride, and cetylpyridinium chloride on dentin hypersensitivity: a randomized, double-blind, placebo-controlled study. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 46	2	
34	Ridge Preservation in the Severly Destructed Alveolar Bone: A Report of Two Cases. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2016 , 20, 152-159	0.3	
33	Ridge Preservation in the Severly Destructed Alveolar Bone: A Report of Two Cases. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2016 , 20, 152-159	0.3	
32	Preferences and flexibility in decision-making among dental clinicians regarding the treatment of multirooted teeth: an interactive communication device-based survey at two academic conferences. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 166-75	2	1
31	Delivery of dexamethasone from bioactive nanofiber matrices stimulates odontogenesis of human dental pulp cells through integrin/BMP/mTOR signaling pathways. <i>International Journal of Nanomedicine</i> , 2016 , 11, 2557-67	7.3	13
30	The hidden X suture: a technical note on a novel suture technique for alveolar ridge preservation. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 415-425	2	10
29	Late-term healing in an augmented sinus with different ratios of biphasic calcium phosphate: a pilot study using a rabbit sinus model. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 57-69	2	9
28	Primary implant stability in a bone model simulating clinical situations for the posterior maxilla: an in vitro study. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 254-65	2	8
27	Effects of a mouthwash containing potassium nitrate, sodium fluoride, and cetylpyridinium chloride on dentin hypersensitivity: a randomized, double-blind, placebo-controlled study. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 46-56	2	7
26	Bone Regenerative Efficacy of Limited-Dose Escherichia Coli-Derived rhBMP-2 With Biphasic Calcium Phosphate Carrier in Rabbit Calvarial Defect Model. <i>Implant Dentistry</i> , 2016 , 25, 16-23	2.4	9
25	Bone Regenerative Potential of Enamel Matrix Protein in the Circumferential Defect Around a Dental Implant. <i>Implant Dentistry</i> , 2016 , 25, 179-85	2.4	2
24	Different bone regeneration patterns in periimplant circumferential gap defects grafted with two types of osteoconductive biomaterial. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1202-9	3.5	3
23	Layered approach with autogenous bone and bone substitute for ridge augmentation on implant dehiscence defects in dogs. <i>Clinical Oral Implants Research</i> , 2016 , 27, 622-8	4.8	11

22	Letter to the Editor: Re: Long-Term Results Comparing Xenogeneic Collagen Matrix and Autogenous Connective Tissue Grafts With Coronally Advanced Flaps for Treatment of Dehiscence-Type Recession Defects. <i>Journal of Periodontology</i> , 2016 , 87, 1133	4.6	
21	Comparative evaluation of biphasic calcium phosphate and biphasic calcium phosphate collagen composite on osteoconductive potency in rabbit calvarial defect. <i>Biomaterials Research</i> , 2015 , 19, 1	16.8	40
20	Pre-clinical evaluation of the osteogenic potential of bone morphogenetic protein-2 loaded onto a particulate porcine bone biomaterial. <i>Journal of Clinical Periodontology</i> , 2015 , 42, 81-8	7.7	18
19	Effect of different hydroxyapatite:tricalcium phosphate ratios on the osteoconductivity of biphasic calcium phosphate in the rabbit sinus model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 65-72	2.8	19
18	In vivo comparative investigation of three synthetic graft materials with varying compositions processed using different methods. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 1280-6	2.8	4
17	Application of a Collagenated Biphasic Calcium Phosphate Loaded with Fibroblast Growth Factor-2 in the Rabbit Sinus: A Pilot Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 1197-204	2.8	3
16	Guided bone regeneration using 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide (EDC)-cross-linked type-I collagen membrane with biphasic calcium phosphate at rabbit calvarial defects. <i>Biomaterials Research</i> , 2015 , 19, 15	16.8	23
15	Simultaneous Block Bone Grafting Using "L-Shaped Notch" Preparation in Mandible: Case Series and 1-Year Follow-up. <i>Implant Dentistry</i> , 2015 , 24, 625-30	2.4	1
14	Effectiveness of biphasic calcium phosphate block bone substitutes processed using a modified extrusion method in rabbit calvarial defects. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 46-55	2	6
13	Assessment of dehydrothermally cross-linked collagen membrane for guided bone regeneration around peri-implant dehiscence defects: a randomized single-blinded clinical trial. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 229-37	2	15
12	Comparative analysis of carrier systems for delivering bone morphogenetic proteins. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 136-44	2	10
11	Bone formation around rhBMP-2-coated implants in rabbit sinuses with or without absorbable collagen sponge grafting. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 238-46	2	7
10	The effect of overlaying titanium mesh with collagen membrane for ridge preservation. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 128-35	2	7
9	The Effectiveness of a Customized Titanium Mesh for Ridge Preservation with Immediate Implantation in Dogs. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17 Suppl 2, e652-60	3.9	7
8	Regeneration of rabbit calvarial defects using cells-implanted nano-hydroxyapatite coated silk scaffolds. <i>Biomaterials Research</i> , 2015 , 19, 7	16.8	27
7	Oral signs of acute leukemia for early detection. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 293-9	2	14
6	Delayed intentional replantation of periodontally hopeless teeth: a retrospective study. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 13-9	2	9
5	Paracrine effect of the bone morphogenetic protein-2 at the experimental site on healing of the adjacent control site: a study in the rabbit calvarial defect model. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 178-83	2	7

4	Biocompatibility and resorption pattern of newly developed hyaluronic acid hydrogel reinforced three-layer poly (lactide-co-glycolide) membrane: histologic observation in rabbit calvarial defect model. <i>Biomaterials Research</i> , 2014 , 18, 12	16.8	9
3	Osteoconductive effects of calcium phosphate glass cement grafts in rabbit calvarial defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 95, 47-52	3.5	11
2	Bone regeneration capacity of two different macroporous biphasic calcium materials in rabbit calvarial defect. <i>The Journal of the Korean Academy of Periodontology</i> , 2009 , 39, 223		9
1	Initial tissue response of biodegradable membrane in rat subcutaneous model. <i>The Journal of the Korean Academy of Periodontology</i> , 2007 , 37, 839		