

# Hyun-Chang Lim

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1290548/hyun-chang-lim-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Comparative evaluation of biphasic calcium phosphate and biphasic calcium phosphate collagen composite on osteoconductive potency in rabbit calvarial defect. <i>Biomaterials Research</i> , <b>2015</b> , 19, 1	16.8	40
92	Efficacy of lateral bone augmentation prior to implant placement: A systematic review and meta-analysis. <i>Journal of Clinical Periodontology</i> , <b>2019</b> , 46 Suppl 21, 287-306	7.7	31
91	Regeneration of rabbit calvarial defects using cells-implanted nano-hydroxyapatite coated silk scaffolds. <i>Biomaterials Research</i> , <b>2015</b> , 19, 7	16.8	27
90	Bone regenerative efficacy of biphasic calcium phosphate collagen composite as a carrier of rhBMP-2. <i>Clinical Oral Implants Research</i> , <b>2016</b> , 27, e91-e99	4.8	25
89	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> , <b>2015</b> , 19, 15	16.8	23
88	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> , <b>2019</b> , 46, 354-362	7.7	19
87	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> , <b>2018</b> , 22, 2121-2128	4.2	19
86	Effect of different hydroxyapatite:β-tricalcium phosphate ratios on the osteoconductivity of biphasic calcium phosphate in the rabbit sinus model. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2015</b> , 30, 65-72	2.8	19
85	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> , <b>2015</b> , 42, 81-8	7.7	18
84	Sulfuretin promotes osteoblastic differentiation in primary cultured osteoblasts and in vivo bone healing. <i>Oncotarget</i> , <b>2016</b> , 7, 78320-78330	3.3	18
83	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> , <b>2019</b> , 21, 175-182	3.9	18
82	Ridge preservation in molar extraction sites with an open-healing approach: A randomized controlled clinical trial. <i>Journal of Clinical Periodontology</i> , <b>2019</b> , 46, 1144-1154	7.7	16
81	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> , <b>2017</b> , 28, e236-e243	4.8	15
80	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> , <b>2017</b> , 47, 372-380	2	15
79	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> , <b>2015</b> , 45, 229-37	2	15
78	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> , <b>2016</b> , 27, e199-e205	4.8	14
77	Oral signs of acute leukemia for early detection. <i>Journal of Periodontal and Implant Science</i> , <b>2014</b> , 44, 293-9	2	14

76	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> , <b>2018</b> , 29, 1202-1211	4.8	14
75	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> , <b>2017</b> , 28, 1492-1500	4.8	13
74	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> , <b>2016</b> , 11, 2557-67	7.3	13
73	Sonic Hedgehog Promotes Cementoblastic Differentiation via Activating the BMP Pathways. <i>Calcified Tissue International</i> , <b>2016</b> , 99, 396-407	3.9	12
72	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> , <b>2020</b> , 31, 565-574	4.8	11
71	Osteoconductive effects of calcium phosphate glass cement grafts in rabbit calvarial defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2010</b> , 95, 47-52	3.5	11
70	Layered approach with autogenous bone and bone substitute for ridge augmentation on implant dehiscence defects in dogs. <i>Clinical Oral Implants Research</i> , <b>2016</b> , 27, 622-8	4.8	11
69	Comparative analysis of carrier systems for delivering bone morphogenetic proteins. <i>Journal of Periodontal and Implant Science</i> , <b>2015</b> , 45, 136-44	2	10
68	The hidden X suture: a technical note on a novel suture technique for alveolar ridge preservation. <i>Journal of Periodontal and Implant Science</i> , <b>2016</b> , 46, 415-425	2	10
67	Delayed intentional replantation of periodontally hopeless teeth: a retrospective study. <i>Journal of Periodontal and Implant Science</i> , <b>2014</b> , 44, 13-9	2	9
66	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> , <b>2014</b> , 18, 12	16.8	9
65	Bone regeneration capacity of two different macroporous biphasic calcium materials in rabbit calvarial defect. <i>The Journal of the Korean Academy of Periodontology</i> , <b>2009</b> , 39, 223		9
64	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> , <b>2016</b> , 46, 57-69	2	9
63	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> , <b>2016</b> , 25, 16-23	2.4	9
62	Retrospective Analysis of Sinus Membrane Thickening: Profile, Causal Factors, and Its Influence on Complications. <i>Implant Dentistry</i> , <b>2017</b> , 26, 868-874	2.4	8
61	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> , <b>2016</b> , 46, 254-65	2	8
60	Long-term evaluation of sinus floor elevation using a modified lateral approach in the posterior maxilla. <i>Clinical Oral Implants Research</i> , <b>2017</b> , 28, 946-953	4.8	7
59	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> , <b>2016</b> , 299, 379-84	2.1	7

58	Sinus augmentation using rhBMP-2-loaded synthetic bone substitute with simultaneous implant placement in rabbits. <i>Journal of Periodontal and Implant Science</i> , <b>2017</b> , 47, 86-95	2	7
57	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> , <b>2015</b> , 45, 238-46	2	7
56	The effect of overlaying titanium mesh with collagen membrane for ridge preservation. <i>Journal of Periodontal and Implant Science</i> , <b>2015</b> , 45, 128-35	2	7
55	The Effectiveness of a Customized Titanium Mesh for Ridge Preservation with Immediate Implantation in Dogs. <i>Clinical Implant Dentistry and Related Research</i> , <b>2015</b> , 17 Suppl 2, e652-60	3.9	7
54	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> , <b>2014</b> , 44, 178-83	2	7
53	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> , <b>2016</b> , 46, 46-56	2	7
52	Xerogel Interfaced Nanofibers Stimulate Bone Regeneration Through the Activation of Integrin and Bone Morphogenetic Protein Pathways. <i>Journal of Biomedical Nanotechnology</i> , <b>2017</b> , 13, 180-91	4	6
51	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> , <b>2015</b> , 45, 46-55	2	6
50	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> , <b>2020</b> , 47, 247-256	7.7	6
49	Tissue integration of zirconia and titanium implants with and without buccal dehiscence defects. <i>Journal of Periodontal and Implant Science</i> , <b>2018</b> , 48, 182-192	2	5
48	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> , <b>2015</b> , 30, 1280-6	2.8	4
47	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> , <b>2020</b> , 47, 64-71	7.7	4
46	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> , <b>2019</b> , 49, 299-309	2	4
45	Clinical and Immunological Efficacy of Mangosteen and Propolis Extracted Complex in Patients with Gingivitis: A Multi-Centered Randomized Controlled Clinical Trial. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	4
44	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> , <b>2017</b> , 105, 1916-1923	3.5	3
43	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> , <b>2019</b> , 34, 1247-1253	2.8	3
42	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> , <b>2019</b> , 30, 660-669	4.8	3
41	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> , <b>2017</b> , 2017, 4153073	3	3

40	Sinus floor elevation using implants coated with recombinant human bone morphogenetic protein-2: micro-computed tomographic and histomorphometric analyses. <i>Clinical Oral Investigations</i> , <b>2018</b> , 22, 829-837	4.2	3
39	Harmine promotes periodontal ligament cell-induced tissue regeneration. <i>Oral Diseases</i> , <b>2018</b> , 24, 456-464	4.5	3
38	Validity of Collagen Plugs for Ridge Preservation in a Canine Model. <i>Implant Dentistry</i> , <b>2017</b> , 26, 892-898	2.4	3
37	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> , <b>2015</b> , 30, 1197-1204	2.8	3
36	Local tissue effects of various barrier membranes in a rat subcutaneous model. <i>Journal of Periodontal and Implant Science</i> , <b>2020</b> , 50, 327-339	2	3
35	Implant survival and risk factor analysis in regenerated bone: results from a 5-year retrospective study. <i>Journal of Periodontal and Implant Science</i> , <b>2020</b> , 50, 379-391	2	3
34	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> , <b>2020</b> , 22, 105-111	3.9	3
33	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> , <b>2016</b> , 104, 1202-9	3.5	3
32	Primary stability of implants with peri-implant bone defects of various widths: an investigation. <i>Journal of Periodontal and Implant Science</i> , <b>2019</b> , 49, 39-46	2	2
31	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> , <b>2017</b> , 28, 1175-1181	4.8	2
30	Comparison of the Bone Harvesting Capacity of an Intraoral Bone Harvesting Device and Three Different Implant Drills. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7819080	3	2
29	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> , <b>2021</b> , 47, 242-248	1.2	2
28	Collagenated Synthetic Bone Substitute Material for Sinus Floor Elevation at Sites with a Perforated Schneiderian Membrane. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
27	Bone Regenerative Potential of Enamel Matrix Protein in the Circumferential Defect Around a Dental Implant. <i>Implant Dentistry</i> , <b>2016</b> , 25, 179-85	2.4	2
26	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> , <b>2019</b> , 23, 2465-2474	4.2	2
25	Factors affecting maxillary sinus pneumatization following posterior maxillary tooth extraction. <i>Journal of Periodontal and Implant Science</i> , <b>2021</b> , 51, 285-295	2	2
24	Role of PIN1 on in vivo periodontal tissue and in vitro cells. <i>Journal of Periodontal Research</i> , <b>2017</b> , 52, 617-627	4.3	1
23	Effect of Hypoxia-Inducible Factor 1 on Early Healing in Extraction Sockets. <i>BioMed Research International</i> , <b>2018</b> , 2018, 8210637	3	1

22	Simultaneous Block Bone Grafting Using "L-Shaped Notch" Preparation in Mandible: Case Series and 1-Year Follow-up. <i>Implant Dentistry</i> , <b>2015</b> , 24, 625-30	2.4	1
21	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> , <b>2020</b> , 46, 423-429	1.2	1
20	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> , <b>2021</b> , 47, 420-426	1.2	1
19	Digital Assessment of Gingival Dimensions of Healthy Periodontium. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
18	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> , <b>2021</b> , 48, 1126-1136	7.7	1
17	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> , <b>2016</b> , 46, 166-75	2	1
16	A case series of profilometric changes in two implant placement protocols at periodontally compromised non-molar sites. <i>Scientific Reports</i> , <b>2021</b> , 11, 1714	4.9	1
15	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> , <b>2021</b> , 23, 758-768	3.9	1
14	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> , <b>2021</b> , 11, 11831	2.6	1
13	Utilizing Chronic Intrasocket Granulation Tissue for Ridge Preservation: A Novel Approach. <i>Journal of Oral Implantology</i> , <b>2020</b> , 46, 438-445	1.2	0
12	Late Developed Unusual Nasal Involvement of Postoperative Maxillary Cyst Following Maxillary Sinus Augmentation: A Case Report. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10730	2.6	0
11	Effectiveness of hydraulic pressure-assisted sinus augmentation in a rabbit sinus model: a preclinical study. <i>Clinical Oral Investigations</i> , <b>2021</b> , 1	4.2	0
10	Soft Tissue Management in the Anterior Maxilla <b>2020</b> , 117-129		
9	Initial tissue response of biodegradable membrane in rat subcutaneous model. <i>The Journal of the Korean Academy of Periodontology</i> , <b>2007</b> , 37, 839		
8	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> , <b>2016</b> , 46, 46	2	
7	Sinus augmentation using rhBMP-2-loaded synthetic bone substitute with simultaneous implant placement in rabbits. <i>Journal of Periodontal and Implant Science</i> , <b>2017</b> , 47, 86	2	
6	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> , <b>2017</b> , 21, 178-187	0.3	
5	Ridge Preservation in the Severely Destroyed Alveolar Bone: A Report of Two Cases. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , <b>2016</b> , 20, 152-159	0.3	

- |   |  |     |
|---|--|-----|
| 4 | 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> , <b>2022</b> , 52, 170-180   | 2   |
| 3 | Ridge Preservation in the Severly Destructed Alveolar Bone: A Report of Two Cases. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , <b>2016</b> , 20, 152-159  | 0.3 |
| 2 | Implant Placement in Posterior Maxilla Using Modified Lateral Approach: Case Reports. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , <b>2017</b> , 21, 178-187   | 0.3 |
| 1 | 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> , <b>2016</b> , 87, 1133 | 4.6 |