

Jung-Seok Lee

List of Publications by Year in descending order

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147
papers

2,266
citations

270111

25
h-index

406436

35
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151
all docs

151
docs citations

151
times ranked

3070
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodontal probing on digital images compared to clinical measurements in periodontitis patients. <i>Scientific Reports</i> , 2022, 12, 1616.	1.6	5
2	Vertical ridge augmentation feasibility using unfixed collagen membranes and particulate bone substitutes: A 1- to 7-year retrospective single-cohort observational study. <i>Clinical Implant Dentistry and Related Research</i> , 2022, 24, 372-381.	1.6	8
3	Membrane fixation enhances guided bone regeneration in standardized calvarial defects: A pre-clinical study. <i>Journal of Clinical Periodontology</i> , 2022, 49, 177-187.	2.3	15
4	Effect of collagen membrane fixation on ridge volume stability and new bone formation following guided bone regeneration. <i>Journal of Clinical Periodontology</i> , 2022, 49, 684-693.	2.3	8
5	Do periodontal defects affect periodontal inflammation and destruction? Histological/microbiological changes and gene expression profiles of a pilot study in beagle dogs. <i>Journal of Periodontology</i> , 2021, 92, 1007-1017.	1.7	1
6	Diverse patterns of bone regeneration in rabbit calvarial defects depending on the type of collagen membrane. <i>Journal of Periodontal and Implant Science</i> , 2021, 51, 40.	0.9	4
7	Distance of insertion points in a mattress suture from the wound margin for ideal primary closure in alveolar mucosa: an in vitro experimental study. <i>Journal of Periodontal and Implant Science</i> , 2021, 51, 189.	0.9	0
8	Reliability of microarray analysis for studying periodontitis: low consistency in 2 periodontitis cohort data sets from different platforms and an integrative meta-analysis. <i>Journal of Periodontal and Implant Science</i> , 2021, 51, 18.	0.9	1
9	Bone Regeneration Using Collagenated Synthetic Bone Graft Attached to Collagen Membrane with 3,4-dihydroxy-L-phenylalanine (DOPA). <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2021, 25, 10-21.	0.3	1
10	FasL Is Required for Osseous Healing in Extraction Sockets in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 678873.	2.2	3
11	Adjunctive use of metronidazole-minocycline ointment in the nonsurgical treatment of peri-implantitis: A multicenter randomized controlled trial. <i>Clinical Implant Dentistry and Related Research</i> , 2021, 23, 543-554.	1.6	12
12	Alveolar ridge regeneration in two-wall damaged extraction sockets of an in vivo experimental model. <i>Clinical Oral Implants Research</i> , 2021, 32, 971-979.	1.9	10
13	Osteoconductive Properties of a Volume-Stable Collagen Matrix in Rat Calvaria Defects: A Pilot Study. <i>Biomedicines</i> , 2021, 9, 732.	1.4	1
14	Osteoconductive properties of upside-down bilayer collagen membranes in rat calvarial defects. <i>International Journal of Implant Dentistry</i> , 2021, 7, 50.	1.1	14
15	Invasive dental procedures as risk factors for postoperative spinal infection and the effect of antibiotic prophylaxis. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1270-1280.	2.3	3
16	Addition of autogenous bone chips to deproteinized bovine bone mineral does not have additional benefit in lateral ridge augmentation—A preclinical in vivo experimental study. <i>Clinical Oral Implants Research</i> , 2021, 32, 1105-1114.	1.9	8
17	Accuracy and Feasibility of a Zero-Setup Implant Guide System Made of a Light-Cured Composite Resin with Simultaneous Flapless Sinus Augmentation: A Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8085.	1.3	1
18	Immediate loading protocols increase the risk of failure of implants placed by fully guided surgery in partially edentulous jaws: A randomized clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2021, 23, 735-744.	1.6	5

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19	Anti-Inflammatory Potential of Complex Extracts of <i>Ligularia stenocephala</i> Matsum. & Koidz. and <i>Secale cereale</i> L. Sprout in Chronic Gingivitis: In Vitro Investigation and Randomized Clinical Trial. <i>Antioxidants</i> , 2021, 10, 1586.	2.2	3
20	Periodontal healing by periodontal ligament fiber with or without cells: A preclinical study of the decellularized periodontal ligament in a tooth replantation model. <i>Journal of Periodontology</i> , 2020, 91, 110-119.	1.7	8
21	Histologic analysis following grafting of damaged extraction sockets using deproteinized bovine or porcine bone mineral: A randomized clinical trial. <i>Clinical Oral Implants Research</i> , 2020, 31, 93-102.	1.9	22
22	Clinical benefits of ridge preservation for implant placement compared to natural healing in maxillary teeth: A retrospective study. <i>Journal of Clinical Periodontology</i> , 2020, 47, 382-391.	2.3	16
23	Proteomic Analysis of Porcine-Derived Collagen Membrane and Matrix. <i>Materials</i> , 2020, 13, 5187.	1.3	10
24	Clinical factors influencing implant positioning by guided surgery using a nonmetal sleeve template in the partially edentulous ridge: Multiple regression analysis of a prospective cohort. <i>Clinical Oral Implants Research</i> , 2020, 31, 1187-1198.	1.9	14
25	Changes in mucogingival junction after an apically positioned flap with collagen matrix at sites with or without previous guided bone regeneration: A prospective comparative cohort study. <i>Clinical Oral Implants Research</i> , 2020, 31, 1199-1206.	1.9	5
26	TGF- β 2 Activity Related to the use of Collagen Membranes: In Vitro Bioassays. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6636.	1.8	6
27	Oral Fluid Biomarkers for Diagnosing Gingivitis in Human: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1720.	1.0	13
28	Digital scanning is more accurate than using a periodontal probe to measure the keratinized tissue width. <i>Scientific Reports</i> , 2020, 10, 3665.	1.6	25
29	Distinctive bone regeneration of calvarial defects using biphasic calcium phosphate supplemented ultraviolet-crosslinked collagen membrane. <i>Journal of Periodontal and Implant Science</i> , 2020, 50, 14.	0.9	19
30	Transcriptomic profiles and their correlations in saliva and gingival tissue biopsy samples from periodontitis and healthy patients. <i>Journal of Periodontal and Implant Science</i> , 2020, 50, 313.	0.9	3
31	Increasing the tissue thickness at implant sites using guided bone regeneration and an additional collagen matrix: Histologic observations in beagle dogs. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 741-749.	1.6	9
32	Randomized controlled clinical trial on calcium phosphate coated and conventional SLA surface implants: 1-year study on survival rate and marginal bone level. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 995-1001.	1.6	5
33	Periodontal healing using a collagen matrix with periodontal ligament progenitor cells in a dehiscence defect model in beagle dogs. <i>Journal of Periodontal and Implant Science</i> , 2019, 49, 215.	0.9	9
34	Bone regeneration using three-dimensional hexahedron channel structured BCP block in rabbit calvarial defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2254-2262.	1.6	8
35	A randomized, double-blind, placebo-controlled multicenter study for evaluating the effects of fixed-dose combinations of vitamin C, vitamin E, lysozyme, and carbazochrome on gingival inflammation in chronic periodontitis patients. <i>BMC Oral Health</i> , 2019, 19, 40.	0.8	24
36	Maxillary sinus augmentation using biphasic calcium phosphate: dimensional stability results after 3-6 years. <i>Journal of Periodontal and Implant Science</i> , 2019, 49, 47.	0.9	12

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37	Resonance Frequency Analysis of Tapered Implants Placed at Maxillary Posterior Sites After Lateral Sinus Augmentation. <i>Implant Dentistry</i> , 2019, 28, 62-67.	1.7	3
38	Clinical Factors and Cellular Responses of In Situ Human Alveolar Bone-Derived Mesenchymal Stromal Cells Associated With Early Periimplant Marginal Bone Loss. <i>Implant Dentistry</i> , 2019, 28, 421-429.	1.7	3
39	3D-Printed polycaprolactone scaffold mixed with β -tricalcium phosphate as a bone regenerative material in rabbit calvarial defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1254-1263.	1.6	46
40	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.	1.4	3
41	Enhancing proliferation and optimizing the culture condition for human bone marrow stromal cells using hypoxia and fibroblast growth factor-2. <i>Stem Cell Research</i> , 2018, 28, 87-95.	0.3	18
42	Report of a human autopsy case in maxillary sinuses augmented using a synthetic bone substitute: Micro-computed tomographic and histologic observations. <i>Clinical Oral Implants Research</i> , 2018, 29, 339-345.	1.9	7
43	Proof-of-concept study of vertical augmentation using block-type allogenic bone grafts: A preclinical experimental study on rabbit calvaria. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2700-2707.	1.6	6
44	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.	1.4	7
45	Biomimetic characteristics of mussel adhesive protein-loaded collagen membrane in guided bone regeneration of rabbit calvarial defects. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 305.	0.9	9
46	Radiographic and histologic observations of sequential healing processes following ridge augmentation after tooth extraction in buccal bone-deficient extraction sockets in beagle dogs. <i>Journal of Clinical Periodontology</i> , 2018, 45, 1388-1397.	2.3	13
47	Alveolar ridge regeneration of damaged extraction sockets using deproteinized porcine versus bovine bone minerals: A randomized clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 729-737.	1.6	33
48	Bone Regeneration of Peri-Implant Defects Using a Collagen Membrane as a Carrier for Recombinant Human Bone Morphogenetic Protein-2. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	19
49	Retrospective radiographic observational study of 1692 Straumann tissue-level dental implants over 10 years. II. Marginal bone stability. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 875-881.	1.6	9
50	Retrospective radiographic observational study of 1692 Straumann tissue-level dental implants over 10 years: I. Implant survival and loss pattern. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 860-866.	1.6	15
51	Physiochemical properties and resorption progress of porcine skin-derived collagen membranes: <i>In vitro</i> and <i>in vivo</i> analysis. <i>Dental Materials Journal</i> , 2018, 37, 332-340.	0.8	21
52	<i>In Vivo</i> Evaluation of Commercially Available Gel-Type Polyethylene Glycol Membrane for Carrier of Recombinant Human Bone Morphogenetic Protein-2. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 297.e1-297.e13.	0.5	4
53	Sequential healing of onlay bone grafts using combining biomaterials with cross-linked collagen in dogs. <i>Clinical Oral Implants Research</i> , 2017, 28, 76-85.	1.9	18
54	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.	1.9	10

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55	Randomized Clinical Trial of Maxillary Sinus Grafting using Deproteinized Porcine and Bovine Bone Mineral. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 140-150.	1.6	35
56	Sinus augmentation using a histone deacetylase inhibitor in a calcium sulfate carrier in rabbit: A pilot study. , 2017, 105, 1916-1923.		4
57	Surgical Treatment of Severe Peri-Implantitis Using a Round Titanium Brush for Implant Surface Decontamination: A Case Report With Clinical Reentry. <i>Journal of Oral Implantology</i> , 2017, 43, 218-225.	0.4	12
58	Chemokine in inflamed periodontal tissues activates healthy periodontal ligament stem cell migration. <i>Journal of Clinical Periodontology</i> , 2017, 44, 530-539.	2.3	19
59	Dimensional alterations following vertical ridge augmentation using collagen membrane and three types of bone grafting materials: A retrospective observational study. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 742-749.	1.6	25
60	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.	1.9	20
61	Retrospective Analysis of Sinus Membrane Thickening. <i>Implant Dentistry</i> , 2017, 26, 868-874.	1.7	14
62	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.	1.9	3
63	Root coverage using porcine collagen matrix with fibroblast growth factor-2: a pilot study in dogs. <i>Journal of Clinical Periodontology</i> , 2017, 44, 96-103.	2.3	10
64	Dehydrothermally Cross-Linked Collagen Membrane with a Bone Graft Improves Bone Regeneration in a Rat Calvarial Defect Model. <i>Materials</i> , 2017, 10, 927.	1.3	14
65	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, 1-8.	0.9	3
66	Comparisons of the diagnostic accuracies of optical coherence tomography, micro-computed tomography, and histology in periodontal disease: an ex vivo study. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 30.	0.9	25
67	Histological Evaluation of Maxillary Sinus Lift and Ridge Preservation with Deproteinized Porcine Bone Mineral (DPBM): Case Report. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017, 21, 24-32.	0.3	0
68	Consideration of Minimal Interocclusal Distance for Implant-supported Prosthesis. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017, 21, 54-64.	0.3	1
69	Histological Evaluation of Maxillary Sinus Lift and Ridge Preservation with Deproteinized Porcine Bone Mineral (DPBM): Case Report <!--Histological Evaluation of Maxillary Sinus Lift and Ridge Preservation with Deproteinized Porcine Bone Mineral (DPBM): Case Report-->. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017, 21, 24-32.	0.3	0
70	Consideration of Minimal Interocclusal Distance for Implant-supported Prosthesis <!--Consideration of Minimal Interocclusal Distance for Implant-supported Prosthesis-->. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2017, 21, 54-64.	0.3	1
71	Increased osteoinductivity and mineralization by minimal concentration of bone morphogenetic protein-2 loaded onto biphasic calcium phosphate in a rabbit sinus. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 350.	0.9	5
72	Preferences and flexibility in decision-making among dental clinicians regarding the treatment of multirrooted teeth: an interactive communication device-based survey at two academic conferences. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 166.	0.9	1

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73	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.	0.9	11
74	Small-Scale Fabrication of Biomimetic Structures for Periodontal Regeneration. <i>Frontiers in Physiology</i> , 2016, 7, 6.	1.3	6
75	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.	1.7	10
76	Bone Regenerative Potential of Enamel Matrix Protein in the Circumferential Defect Around a Dental Implant. <i>Implant Dentistry</i> , 2016, 25, 179-185.	1.7	4
77	In vivo bone formation by human alveolar bone-derived mesenchymal stem cells obtained during implant osteotomy using biphasic calcium phosphate ceramics or BOP-OSS as carriers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 515-524.	1.6	20
78	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, 1202-1209.	1.6	5
79	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, 622-628.	1.9	12
80	Novel Technique for Isolating Human Bone Marrow Stem Cells Using Hyaluronic Acid Hydrogel. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 941-951.	1.1	4
81	Autogenous Mesenchymal Stem Cells from the Vertebral Body Enhance Intervertebral Disc Regeneration via Paracrine Interaction: An in Vitro Pilot Study. <i>Cell Transplantation</i> , 2016, 25, 1819-1832.	1.2	47
82	National dental policies and socio-demographic factors affecting changes in the incidence of periodontal treatments in Korean: A nationwide population-based retrospective cohort study from 2002-2013. <i>BMC Oral Health</i> , 2016, 16, 118.	0.8	32
83	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.	1.9	20
84	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, 379-384.	0.8	9
85	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.	1.9	32
86	Effect of Different Hydroxyapatite:12-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.	0.6	28
87	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, 1280-1286.	0.6	7
88	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, 1197-1204.	0.6	3
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> , 2015, 19, 15.	3.2	33
90	Synergistic Effects of a Calcium Phosphate/Fibronectin Coating on the Adhesion of Periodontal Ligament Stem Cells onto Decellularized Dental Root Surfaces. <i>Cell Transplantation</i> , 2015, 24, 1767-1779.	1.2	12

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91	Ridge regeneration of damaged extraction sockets using rhBMP-2: an experimental study in canine. <i>Journal of Clinical Periodontology</i> , 2015, 42, 678-687.	2.3	42
92	Effects of epigallocatechin-3-gallate on the healing of extraction sockets with a periapical lesion: A pilot study in dogs. , 2015, 103, 727-734.		11
93	Acceleration of Bone Regeneration by BMP-2 Loaded Collagenated Biphasic Calcium Phosphate in Rabbit Sinus. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 1103-1113.	1.6	37
94	Association of Lifestyle-Related Comorbidities With Periodontitis. <i>Medicine (United States)</i> , 2015, 94, e1567.	0.4	66
95	Prospective randomized, controlled trial of sinus grafting using <i>Escherichia coli</i> -produced rhBMP-2 with a biphasic calcium phosphate carrier compared to deproteinized bovine bone. <i>Clinical Oral Implants Research</i> , 2015, 26, 1361-1368.	1.9	32
96	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.	0.9	8
97	Assessment of dehydrothermally crosslinked 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.	0.9	21
98	Comparative analysis of carrier systems for delivering bone morphogenetic proteins. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 136.	0.9	14
99	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.	0.9	7
100	Reduction of Adipose Tissue Formation by the Controlled Release of BMP-2 Using a Hydroxyapatite-Coated Collagen Carrier System for Sinus-Augmentation/Extraction-Socket Grafting. <i>Materials</i> , 2015, 8, 7634-7649.	1.3	13
101	The effect of overlaying titanium mesh with collagen membrane for ridge preservation. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 128.	0.9	15
102	Effect of fibroblast growth factor on injured periodontal ligament and cementum after tooth replantation in dogs. <i>Journal of Periodontal and Implant Science</i> , 2015, 45, 111.	0.9	6
103	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, e652-60.	1.6	7
104	Human bone marrow stem cells cultured under hypoxic conditions present altered characteristics and enhanced in vivo tissue regeneration. <i>Bone</i> , 2015, 78, 34-45.	1.4	44
105	Regeneration of rabbit calvarial defects using cells-implanted nano-hydroxyapatite coated silk scaffolds. <i>Biomaterials Research</i> , 2015, 19, 7.	3.2	39
106	Comparison of collagen membrane and bone substitute as a carrier for rhBMP-2 in lateral onlay graft. <i>Clinical Oral Implants Research</i> , 2015, 26, e13-9.	1.9	24
107	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.	3.2	55
108	Rapid bone regeneration by <i>Escherichia coli</i> -derived recombinant human bone morphogenetic protein-2 loaded on a hydroxyapatite carrier in the rabbit calvarial defect model. <i>Biomaterials Research</i> , 2015, 19, 17.	3.2	15

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109	Tenting effect of the elevated sinus membrane over an implant with adjunctive use of a hydroxyapatite-powdered collagen membrane in rabbits. <i>Clinical Oral Implants Research</i> , 2015, 26, 663-670.	1.9	19
110	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, 81-88.	2.3	20
111	Effect of FGF-2 on Collagen Tissue Regeneration by Human Vertebral Bone Marrow Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 228-243.	1.1	13
112	Controlled release of BMP-2 using a heparin-conjugated carrier system reduces <i>in vivo</i> adipose tissue formation. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 545-554.	2.1	20
113	Delayed intentional replantation of periodontally hopeless teeth: a retrospective study. <i>Journal of Periodontal and Implant Science</i> , 2014, 44, 13.	0.9	14
114	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.	0.9	8
115	Early bone healing onto implant surface treated by fibronectin/oxysterol for cell adhesion/osteogenic differentiation: <i>in vivo</i> experimental study in dogs. <i>Journal of Periodontal and Implant Science</i> , 2014, 44, 242.	0.9	9
116	Secondary stability of microthickness hydroxyapatite-coated dental implants installed without primary stability in dogs. <i>Clinical Oral Implants Research</i> , 2014, 25, 1169-1174.	1.9	15
117	Space maintenance using crosslinked collagenated porcine bone grafted without a barrier membrane in one-wall intrabony defects. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 1454-1461.	1.6	15
118	Anatomical topography of the mandibular symphysis in the Korean population: A computed tomography analysis. <i>Clinical Anatomy</i> , 2014, 27, 592-597.	1.5	9
119	Osteoconductivity and biodegradation of synthetic bone substitutes with different tricalcium phosphate contents in rabbits. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 80-88.	1.6	59
120	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.	3.2	9
121	Impact of different synthetic bone fillers on healing of extraction sockets: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , 2014, 25, e30-7.	1.9	39
122	Low-Dose Recombinant Human Bone Morphogenetic Protein-2 to Enhance the Osteogenic Potential of the Schneiderian Membrane in the Early Healing Phase: <i>In Vitro</i> and <i>In Vivo</i> Studies. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 1480-1494.	0.5	15
123	Reosseointegration of mechanically disintegrated implants in dogs: mechanical and histometric analyses. <i>Clinical Oral Implants Research</i> , 2014, 25, 729-734.	1.9	4
124	Sinus augmentation using BMP-2 in a bovine hydroxyapatite/collagen carrier in dogs. <i>Journal of Clinical Periodontology</i> , 2014, 41, 86-93.	2.3	38
125	Long-term retrospective study of narrow implants for fixed dental prostheses. <i>Clinical Oral Implants Research</i> , 2013, 24, 847-852.	1.9	41
126	Comparison Between a β -Tricalcium Phosphate and an Absorbable Collagen Sponge Carrier Technology for rhGDF-5 Stimulated Periodontal Wound Healing/Regeneration. <i>Journal of Periodontology</i> , 2013, 84, 812-820.	1.7	21

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127	Recombinant Human Bone Morphogenetic Protein-2 Stimulates the Osteogenic Potential of the Schneiderian Membrane: A Histometric Analysis in Rabbits. <i>Tissue Engineering - Part A</i> , 2013, 19, 1994-2004.	1.6	27
128	Bone Regeneration and Collagen Fiber Orientation Around Calcium Phosphate-Coated Implants with Machined or Rough Surfaces: A Short-Term Histomorphometric Study in Dog Mandibles. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 1395-1402.	0.6	1
129	Dissolution behavior and early bone apposition of calcium phosphate-coated machined implants. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 291.	0.9	9
130	Periodontal regeneration with nano-hydroxyapatite-coated silk scaffolds in dogs. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 315.	0.9	32
131	Role of collagen membrane in lateral onlay grafting with bovine hydroxyapatite incorporated with collagen matrix in dogs. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 64.	0.9	22
132	Bone apposition on implants coated with calcium phosphate by ion beam assisted deposition in oversized drilled sockets: a histologic and histometric analysis in dogs. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 18.	0.9	14
133	Comparative evaluation of three calcium phosphate synthetic block bone graft materials for bone regeneration in rabbit calvaria. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 2044-2052.	1.6	30
134	Guided Bone Regeneration Using Cyanoacrylate-Combined Calcium Phosphate in a Dehiscence Defect: A Histologic Study in Dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 2070-2079.	0.5	11
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