

# Seong-Ho Choi

## List of Publications by Year in descending order

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362  
papers

7,858  
citations

66234

42  
h-index

85405

71  
g-index

368  
all docs

368  
docs citations

368  
times ranked

7778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection and diagnosis of dental caries using a deep learning-based convolutional neural network algorithm. <i>Journal of Dentistry</i> , 2018, 77, 106-111.	1.7	477
2	Diagnosis and prediction of periodontally compromised teeth using a deep learning-based convolutional neural network algorithm. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 114.	0.9	269
3	Isolation and characterization of human periodontal ligament (PDL) stem cells (PDLSCs) from the inflamed PDL tissue: in vitro and in vivo evaluations. <i>Journal of Clinical Periodontology</i> , 2011, 38, 721-731.	2.3	229
4	Maxillary Sinus Septa: Prevalence, Height, Location, and Morphology. A Reformatted Computed Tomography Scan Analysis. <i>Journal of Periodontology</i> , 2006, 77, 903-908.	1.7	170
5	Effect of Recombinant Human Bone Morphogenetic Protein-2/Absorbable Collagen Sponge (rhBMP-2/ACS) on Healing in 3-Wall Intrabony Defects in Dogs. <i>Journal of Periodontology</i> , 2002, 73, 63-72.	1.7	161
6	The biocompatibility of nanostructured calcium phosphate coated on micro-arc oxidized titanium. <i>Biomaterials</i> , 2008, 29, 2025-2032.	5.7	150
7	Adsorption of UO <sub>2</sub> +2 by polyethylene adsorbents with amidoxime, carboxyl, and amidoxime/carboxyl group. <i>Radiation Physics and Chemistry</i> , 2000, 57, 187-193.	1.4	145
8	Inhibitory effects of green tea polyphenol (-)-epigallocatechin gallate on the expression of matrix metalloproteinase-9 and on the formation of osteoclasts. <i>Journal of Periodontal Research</i> , 2004, 39, 300-307.	1.4	140
9	Spontaneous healing capacity of rabbit cranial defects of various sizes. <i>Journal of Periodontal and Implant Science</i> , 2010, 40, 180.	0.9	115
10	Periodontal Repair in Surgically Created Intrabony Defects in Dogs: Influence of the Number of Bone Walls on Healing Response. <i>Journal of Periodontology</i> , 2004, 75, 229-235.	1.7	108
11	Ectopic bone formation associated with recombinant human bone morphogenetic proteins-2 using absorbable collagen sponge and beta tricalcium phosphate as carriers. <i>Biomaterials</i> , 2005, 26, 2501-2507.	5.7	104
12	The induction of bone formation in rat calvarial defects and subcutaneous tissues by recombinant human BMP-2, produced in <i>Escherichia coli</i> . <i>Biomaterials</i> , 2010, 31, 3512-3519.	5.7	102
13	Thickness of Posterior Palatal Masticatory Mucosa: The Use of Computerized Tomography. <i>Journal of Periodontology</i> , 2008, 79, 406-412.	1.7	101
14	The biocompatibility of SLA-treated titanium implants. <i>Biomedical Materials (Bristol)</i> , 2008, 3, 025011.	1.7	99
15	The Effects of Interproximal Distance Between Roots on the Existence of Interdental Papillae According to the Distance From the Contact Point to the Alveolar Crest. <i>Journal of Periodontology</i> , 2006, 77, 1651-1657.	1.7	93
16	Effects of sub-antimicrobial dose doxycycline therapy on crevicular fluid MMP-8, and gingival tissue MMP-9, TIMP-1 and IL-6 levels in chronic periodontitis. <i>Journal of Periodontal Research</i> , 2004, 39, 20-26.	1.4	91
17	Dispersing of Ag, Pd, and Pt-Ru alloy nanoparticles on single-walled carbon nanotubes by $\gamma$ -irradiation. <i>Materials Letters</i> , 2005, 59, 1121-1124.	1.3	90
18	Eight-week histological analysis on the effect of chitosan on surgically created one-wall intrabony defects in beagle dogs. <i>Journal of Clinical Periodontology</i> , 2003, 30, 443-453.	2.3	75

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19	Effect of a Calcium Sulfate Implant With Calcium Sulfate Barrier on Periodontal Healing in 3-Wall Intrabony Defects in Dogs. <i>Journal of Periodontology</i> , 1998, 69, 982-988.	1.7	74
20	Effect of Recombinant Human Bone Morphogenetic Protein-4 Dose on Bone Formation in a Rat Calvarial Defect Model. <i>Journal of Periodontology</i> , 2004, 75, 1364-1370.	1.7	74
21	Effects of Pretreatment Clinical Parameters on Bioactive Glass Implantation in Intrabony Periodontal Defects. <i>Journal of Periodontology</i> , 2001, 72, 730-740.	1.7	67
22	Association of Lifestyle-Related Comorbidities With Periodontitis. <i>Medicine (United States)</i> , 2015, 94, e1567.	0.4	66
23	Effects of chitosan nonwoven membrane on periodontal healing of surgically created one-wall intrabony defects in beagle dogs. <i>Journal of Biomedical Materials Research Part B</i> , 2005, 72B, 86-93.	3.0	65
24	Adsorption of Pb <sup>2+</sup> and Pd <sup>2+</sup> on polyethylene membrane with amino group modified by radiation-induced graft copolymerization. <i>Journal of Applied Polymer Science</i> , 1999, 71, 643-650.	1.3	64
25	Osteoinductive activity of biphasic calcium phosphate with different rhBMP-2 doses in rats. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 480-487.	0.2	64
26	Periodontal wound healing/regeneration following implantation of recombinant human growth/differentiation factor-5 in a tricalcium phosphate carrier into one-wall intrabony defects in dogs. <i>Journal of Clinical Periodontology</i> , 2010, 37, 382-389.	2.3	62
27	Detection of Major Putative Periodontopathogens in Korean Advanced Adult Periodontitis Patients Using a Nucleic Acid-Based Approach. <i>Journal of Periodontology</i> , 2000, 71, 1387-1394.	1.7	61
28	The effect of a fibrin-fibronectin/β <sup>2</sup> -tricalcium phosphate/recombinant human bone morphogenetic protein-2 system on bone formation in rat calvarial defects. <i>Biomaterials</i> , 2006, 27, 3810-3816.	5.7	61
29	Radiation-induced graft copolymerization of binary monomer mixture containing acrylonitrile onto polyethylene films. <i>Radiation Physics and Chemistry</i> , 2000, 58, 157-168.	1.4	60
30	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
31	Effect of Recombinant Human Bone Morphogenetic Protein-4 with Carriers in Rat Calvarial Defects. <i>Journal of Periodontology</i> , 2003, 74, 787-797.	1.7	57
32	Periodontal healing in one-wall intra-bony defects in dogs following implantation of autogenous bone or a coral-derived biomaterial. <i>Journal of Clinical Periodontology</i> , 2005, 32, 583-589.	2.3	57
33	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
34	Effect of Recombinant Human Bone Morphogenetic Protein-2, -4, and -7 on Bone Formation in Rat Calvarial Defects. <i>Journal of Periodontology</i> , 2005, 76, 1667-1674.	1.7	53
35	One-step functionalization of multi-walled carbon nanotubes by radiation-induced graft polymerization and their application as enzyme-free biosensors. <i>Radiation Physics and Chemistry</i> , 2010, 79, 434-440.	1.4	51
36	Association between periodontal disease and non-communicable diseases. <i>Medicine (United States)</i> , 2017, 96, e7398.	0.4	50

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37	Periodontal Repair in Intrabony Defects Treated With a Calcium Sulfate Implant and Calcium Sulfate Barrier. <i>Journal of Periodontology</i> , 1998, 69, 1317-1324.	1.7	48
38	Effects of Chitosan on Human Periodontal Ligament Fibroblasts In Vitro and on Bone Formation in Rat Calvarial Defects. <i>Journal of Periodontology</i> , 2005, 76, 1526-1533.	1.7	48
39	Volumetric bone regenerative efficacy of biphasic calcium phosphate-collagen composite block loaded with rhBMP-2 in vertical bone augmentation model of a rabbit calvarium. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3304-3313.	2.1	48
40	Distribution of Periodontal Pathogens in Korean Aggressive Periodontitis. <i>Journal of Periodontology</i> , 2003, 74, 1329-1335.	1.7	46
41	3D-printed polycaprolactone scaffold mixed with 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
42	Sinus augmentation using absorbable collagen sponge loaded with <i>Escherichia coli</i> -expressed recombinant human bone morphogenetic protein 2 in a standardized rabbit sinus model: a radiographic and histologic analysis. <i>Clinical Oral Implants Research</i> , 2012, 23, 682-689.	1.9	44
43	The Effect of Varying the Particle Size of Beta Tricalcium Phosphate Carrier of Recombinant Human Bone Morphogenetic Protein-4 on Bone Formation in Rat Calvarial Defects. <i>Journal of Periodontology</i> , 2006, 77, 765-772.	1.7	43
44	Bone formation of block and particulated biphasic calcium phosphate lyophilized with <i>Escherichia coli</i> -derived recombinant human bone morphogenetic protein 2 in rat calvarial defects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, 298-306.	1.6	42
45	The effect of five mechanical instrumentation protocols on implant surface topography and roughness: A scanning electron microscope and confocal laser scanning microscope analysis. <i>Clinical Oral Implants Research</i> , 2019, 30, 578-587.	1.9	42
46	Long-term retrospective study of narrow implants for fixed dental prostheses. <i>Clinical Oral Implants Research</i> , 2013, 24, 847-852.	1.9	41
47	Association between Periodontal disease and Prostate cancer: Results of a 12-year Longitudinal Cohort Study in South Korea. <i>Journal of Cancer</i> , 2017, 8, 2959-2965.	1.2	40
48	Alveolar bone formation at dental implant dehiscence defects following guided bone regeneration and xenogeneic freeze-dried demineralized bone matrix. <i>Clinical Oral Implants Research</i> , 1998, 9, 419-428.	1.9	39
49	Adsorption of CO <sub>2</sub> by styrene-g-polyethylene membrane bearing sulfonic acid groups modified by radiation-induced graft copolymerization. <i>Journal of Applied Polymer Science</i> , 1999, 71, 2227-2235.	1.3	39
50	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
51	Regeneration of rabbit calvarial defects using cells-implanted nano-hydroxyapatite coated silk scaffolds. <i>Biomaterials Research</i> , 2015, 19, 7.	3.2	39
52	Effect of a Fibrin-Fibronectin Sealing System as a Carrier for Recombinant Human Bone Morphogenetic Protein-4 on Bone Formation in Rat Calvarial Defects. <i>Journal of Periodontology</i> , 2005, 76, 2216-2222.	1.7	38
53	Anti-inflammatory effect of (-)-epigallocatechin-3-gallate on <i>Porphyromonas gingivalis</i> -lipopolysaccharide-stimulated fibroblasts and stem cells derived from human periodontal ligament. <i>Journal of Periodontal and Implant Science</i> , 2012, 42, 185.	0.9	38
54	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

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55	Surface characteristics of a novel hydroxyapatite-coated dental implant. <i>Journal of Periodontal and Implant Science</i> , 2012, 42, 59.	0.9	37
56	Acceleration of Bone Regeneration by <sc>BMP</sc>-Loaded Collagenated Biphasic Calcium Phosphate in Rabbit Sinus. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 1103-1113.	1.6	37
57	Adsorption of Co <sup>2+</sup> and Cs <sup>1+</sup> by polyethylene membrane with iminodiacetic acid and sulfonic acid modified by radiation-induced graft copolymerization. <i>Journal of Applied Polymer Science</i> , 1999, 71, 999-1006.	1.3	36
58	Comparative evaluation of roughness of titanium surfaces treated by different hygiene instruments. <i>Journal of Periodontal and Implant Science</i> , 2012, 42, 88.	0.9	35
59	Bone Probing Measurement as a Reliable Evaluation of the Bone Level in Periodontal Defects. <i>Journal of Periodontology</i> , 2000, 71, 729-735.	1.7	34
60	Fabrication of a Multi-Walled Nanotube (MWNT) Ionic Liquid Electrode and Its Application for Sensing Phenolics in Red Wines. <i>Sensors</i> , 2009, 9, 6701-6714.	2.1	34
61	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
62	Feasibility of three-dimensional macroporous scaffold using calcium phosphate glass and polyurethane sponge. <i>Journal of Materials Science</i> , 2006, 41, 4357-4364.	1.7	32
63	Case series of maxillary sinus augmentation with biphasic calcium phosphate: a clinical and radiographic study. <i>Journal of Periodontal and Implant Science</i> , 2011, 41, 98.	0.9	32
64	Periodontal regeneration with nano-hydroxyapatite-coated silk scaffolds in dogs. <i>Journal of Periodontal and Implant Science</i> , 2013, 43, 315.	0.9	32
65	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
66	Bone regenerative efficacy of biphasic calcium phosphate collagen composite as a carrier of rh<sc>BMP</sc>. <i>Clinical Oral Implants Research</i> , 2016, 27, e91-e99.	1.9	32
67	Periodontal Repair in Dogs: Effect of Allogenic Freeze-Dried Demineralized Bone Matrix Implants on Alveolar Bone and Cementum Regeneration. <i>Journal of Periodontology</i> , 1998, 69, 26-33.	1.7	31
68	A short-term clinical study of marginal bone level change around microthreaded and platform-switched implants. <i>Journal of Periodontal and Implant Science</i> , 2011, 41, 211.	0.9	30
69	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
70	Charlson comorbidity index as a predictor of periodontal disease in elderly participants. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 92.	0.9	30
71	Proliferation, differentiation, and calcification of preosteoblast-like MC3T3-E1 cells cultured onto noncrystalline calcium phosphate glass. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 69A, 188-195.	3.0	29
72	Inhibition of Cyclosporin A-Induced Gingival Overgrowth by Azithromycin Through Phagocytosis: An In Vivo and In Vitro Study. <i>Journal of Periodontology</i> , 2004, 75, 380-387.	1.7	29

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73	Industrial application of ion beam assisted deposition on medical implants. <i>Surface and Coatings Technology</i> , 2007, 201, 5132-5137.	2.2	29
74	Fabrication of Nonenzymatic Glucose Sensors Based on Multiwalled Carbon Nanotubes with Bimetallic Pt-M (M = Ru and Sn) Catalysts by Radiolytic Deposition. <i>Journal of Sensors</i> , 2012, 2012, 1-8.	0.6	29
75	Periodontal tissue reaction to customized nano-hydroxyapatite block scaffold in one-wall intrabony defect: a histologic study in dogs. <i>Journal of Periodontal and Implant Science</i> , 2012, 42, 50.	0.9	29
76	Acquisition of human alveolar bone-derived stromal cells using minimally irrigated implant osteotomy: in vitro and in vivo evaluations. <i>Journal of Clinical Periodontology</i> , 2012, 39, 495-505.	2.3	29
77	Adsorption behavior of urokinase by polypropylene film modified with amino acids as affinity groups. <i>Microchemical Journal</i> , 2001, 68, 205-213.	2.3	28
78	Evidence for expansion-based temporal BMP4/NOGGIN interactions in specifying periodontium morphogenesis. <i>Cell and Tissue Research</i> , 2007, 330, 123-132.	1.5	28
79	The influence of perforating the autogenous block bone and the recipient bed in dogs. Part I: a radiographic analysis. <i>Clinical Oral Implants Research</i> , 2011, 22, 1298-1302.	1.9	28
80	Flap extension attained by vertical and periosteal-releasing incisions: a prospective cohort study. <i>Clinical Oral Implants Research</i> , 2012, 23, 993-998.	1.9	28
81	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> , 2015, 30, 65-72.	0.6	28
82	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
83	Effect of periodontitis on the development of osteoporosis: results from a nationwide population-based cohort study (2003-2013). <i>BMC Women's Health</i> , 2017, 17, 77.	0.8	27
84	Histologic Observation of Soft Tissue Acquired From Maxillary Tuberosity Area for Root Coverage. <i>Journal of Periodontology</i> , 2008, 79, 934-940.	1.7	26
85	Evaluation of Mandibular Posterior Single Implants With Two Different Surfaces: A 5-Year Comparative Study. <i>Journal of Periodontology</i> , 2008, 79, 1857-1863.	1.7	26
86	Characterization and preparation of new multiwall carbon nanotube/conducting polymer composites by in situ polymerization. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3721-3729.	1.3	25
87	Effects of a chitosan membrane coated with polylactic and polyglycolic acid on bone regeneration in a rat calvarial defect. <i>Biomedical Materials (Bristol)</i> , 2007, 2, S101-S105.	1.7	25
88	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
89	Comparisons of the diagnostic accuracies of optical coherence tomography, micro-computed tomography, and histology in periodontal disease: an <i>ex vivo</i> study. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 30.	0.9	25
90	The effects of newly formed synthetic peptide on bone regeneration in rat calvarial defects. <i>Journal of Periodontal and Implant Science</i> , 2010, 40, 11.	0.9	24

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91	Prevalence and Anatomic Topography of Mandibular Tori: Computed Tomographic Analysis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 1286-1291.	0.5	24
92	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
93	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
94	Dispersion of Pt/Ru alloys onto various carbons using $\text{I}^{137}$ -irradiation. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 355-360.	1.5	23
95	Healing of surgically created circumferential gap around non-submerged-type implants in dogs: a histomorphometric study. <i>Clinical Oral Implants Research</i> , 2007, 18, 171-178.	1.9	23
96	Development of an Electrogenerated Chemiluminescence Biosensor using Carboxylic acid-functionalized MWCNT and Au Nanoparticles. <i>Sensors</i> , 2009, 9, 1662-1677.	2.1	23
97	Mechanism of alveolar bone loss in a collagen-induced arthritis model in mice. <i>Journal of Clinical Periodontology</i> , 2011, 38, 122-130.	2.3	23
98	A canine model for histometric evaluation of periodontal regeneration. <i>Periodontology</i> 2000, 2011, 56, 209-226.	6.3	23
99	Electrochemical properties of polyethylene membrane modified with sulfonic and phosphonic acid groups. <i>Korean Journal of Chemical Engineering</i> , 1999, 16, 725-730.	1.2	22
100	The influence of perforating the autogenous block bone and the recipient bed in dogs. Part II: histologic analysis. <i>Clinical Oral Implants Research</i> , 2012, 23, 987-992.	1.9	22
101	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
102	Association between periodontal flap surgery for periodontitis and vasculogenic erectile dysfunction in Koreans. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 96.	0.9	22
103	The Effect of Safflower Seed Extract on Periodontal Healing of 1-Wall Intra-bony Defects in Beagle Dogs. <i>Journal of Periodontology</i> , 2002, 73, 1457-1466.	1.7	21
104	Facile synthesis of novel Pt/Ru@PPy/MWNT electrocatalysts for direct methanol fuel cells. <i>Current Applied Physics</i> , 2010, 10, S44-S50.	1.1	21
105	A simple approach to preserve keratinized mucosa around implants using a pre-fabricated implant-retained stent: a report of two cases. <i>Journal of Periodontal and Implant Science</i> , 2010, 40, 194.	0.9	21
106	Maturation of periodontal tissues following implantation of rhGDF-5/TCP in one-wall intra-bony defects in dogs: 24-week histological observations. <i>Journal of Clinical Periodontology</i> , 2012, 39, 466-474.	2.3	21
107	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.	0.9	21
108	Long-term outcomes of dental implants placed in elderly patients: a retrospective clinical and radiographic analysis. <i>Clinical Oral Implants Research</i> , 2017, 28, 186-191.	1.9	21

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109	Physiochemical properties and resorption progress of porcine skin-derived collagen membranes: &lt;i>in vitro&/i> and &lt;i>in vivo&/i> analysis. Dental Materials Journal, 2018, 37, 332-340.	0.8	21
110	The Effect of Recombinant Human Bone Morphogenetic Protein-4 on the Osteoblastic Differentiation of Mouse Calvarial Cells Affected by Porphyromonas gingivalis. Journal of Periodontology, 2002, 73, 1126-1132.	1.7	20
111	Knowledge and attitudes of Korean dentists towards human immunodeficiency virus/acquired immune deficiency syndrome. Journal of Periodontal and Implant Science, 2011, 41, 3.	0.9	20
112	Resolution of surgically created three-wall intrabony defects in implants using three different biomaterials: an in vivo study. Clinical Oral Implants Research, 2011, 22, 343-348.	1.9	20
113	Long-Term Results From Soft and Hard Tissue Augmentation by a Modified Vascularized Interpositional Periosteal-Connective Tissue Technique in the Maxillary Anterior Region. Journal of Oral and Maxillofacial Surgery, 2012, 70, 484-491.	0.5	20
114	Effect of laser-dimpled titanium surfaces on attachment of epithelial-like cells and fibroblasts. Journal of Advanced Prosthodontics, 2015, 7, 138.	1.1	20
115	Pre-clinical evaluation of the osteogenic potential of bone morphogenetic protein-2 loaded onto a particulate porcine bone biomaterial. Journal of Clinical Periodontology, 2015, 42, 81-88.	2.3	20
116	A high concentration of recombinant human bone morphogenetic protein-2 induces low-efficacy bone regeneration in sinus augmentation: a histomorphometric analysis in rabbits. Clinical Oral Implants Research, 2016, 27, e199-e205.	1.9	20
117	One-pot synthesis of a few nanocomposites with poly(N-vinylcarbazole) and CdS, Ag, Pd50-Ag50, and Pt50-Ru50 nanoparticles with <sup>137</sup> Irradiation. Journal of Applied Polymer Science, 2006, 100, 1809-1815.	1.3	19
118	Enhanced bone forming ability of SLA-treated Ti coated with a calcium phosphate thin film formed by e-beam evaporation. Biomedical Materials (Bristol), 2010, 5, 044106.	1.7	19
119	Periodontal regenerative effect of a bovine hydroxyapatite/collagen block in one-wall intrabony defects in dogs: a histometric analysis. Journal of Periodontal and Implant Science, 2011, 41, 285.	0.9	19
120	Fabrication of a Microbial Biosensor Based on QD-MWNT Supports by a One-Step Radiation Reaction and Detection of Phenolic Compounds in Red Wines. Sensors, 2011, 11, 2001-2012.	2.1	19
121	Tenting effect of the elevated sinus membrane over an implant with adjunctive use of a hydroxyapatite-powdered collagen membrane in rabbits. Clinical Oral Implants Research, 2015, 26, 663-670.	1.9	19
122	Bone Regeneration of Peri-Implant Defects Using a Collagen Membrane as a Carrier for Recombinant Human Bone Morphogenetic Protein-2. BioMed Research International, 2018, 2018, 1-9.	0.9	19
123	Distinctive bone regeneration of calvarial defects using biphasic calcium phosphate supplemented ultraviolet-crosslinked collagen membrane. Journal of Periodontal and Implant Science, 2020, 50, 14.	0.9	19
124	The Effects of a Bioabsorbable Barrier Membrane Containing Safflower Seed Extracts on Periodontal Healing of 1-Wall Intrabony Defects in Beagle Dogs. Journal of Periodontology, 2005, 76, 22-33.	1.7	18
125	Effect of (-)-epigallocatechin-3-gallate on maintaining the periodontal ligament cell viability of avulsed teeth: a preliminary study. Journal of Periodontal and Implant Science, 2011, 41, 10.	0.9	18
126	Effect of the interaction between periodontitis and type 1 diabetes mellitus on alveolar bone, mandibular condyle and tibia. Acta Odontologica Scandinavica, 2014, 72, 265-273.	0.9	18



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127	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
128	Effect of calcium sulphate on the healing of periodontal intrabony defects. <i>International Dental Journal</i> , 1998, 48, 330-337.	1.0	17
129	Adsorption of Pb <sup>2+</sup> , Cu <sup>2+</sup> and Co <sup>2+</sup> by polypropylene fabric and polyethylene hollow fiber modified by radiation-induced graft copolymerization. <i>Korean Journal of Chemical Engineering</i> , 1999, 16, 241-247.	1.2	17
130	Surgical Extrusion Technique for Clinical Crown Lengthening: Report of Three Cases. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2004, 24, 412-421.	0.4	17
131	Bone formation in calvarial defects of Sprague-Dawley rats by transplantation of calcium phosphate glass. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 74A, 497-502.	2.1	17
132	Bone formation of Escherichia coli expressed rhBMP-2 on absorbable collagen block in rat calvarial defects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 111, 298-305.	1.6	17
133	Mechanical and biological complication rates of the modified lateral-screw-retained implant prosthesis in the posterior region: an alternative to the conventional Implant prosthetic system. <i>Journal of Advanced Prosthodontics</i> , 2016, 8, 150.	1.1	17
134	Trends in the incidence of tooth extraction due to periodontal disease: results of a 12-year longitudinal cohort study in South Korea. <i>Journal of Periodontal and Implant Science</i> , 2017, 47, 264.	0.9	17
135	Preparation of Polymer-stabilized Palladium-silver Bimetallic Nanoparticles by <sup>60</sup> Co-irradiation and their Catalytic Properties for Hydrogenation of cis,cis-1,3-Cyclooctadiene. <i>Catalysis Letters</i> , 2005, 105, 59-65.	1.4	16
136	Preparation of Ag-PS and Ag-PSS particles by <sup>60</sup> Co-irradiation and their antimicrobial efficiency against Staphylococcus aureus ATCC 6538 and Klebsiella pneumonia ATCC 4352. <i>Macromolecular Research</i> , 2006, 14, 194-198.	1.0	16
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