

# Seong-Ho Choi

## List of Publications by Citations

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355  
papers

6,253  
citations

40  
h-index

63  
g-index

368  
ext. papers

6,961  
ext. citations

3.5  
avg, IF

5.73  
L-index

#	Paper	IF	Citations
355	Detection and diagnosis of dental caries using a deep learning-based convolutional neural network algorithm. <i>Journal of Dentistry</i> , <b>2018</b> , 77, 106-111	4.8	229
354	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> , <b>2011</b> , 38, 721-31	7.7	185
353	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> , <b>2002</b> , 73, 63-72	4.6	150
352	The biocompatibility of nanostructured calcium phosphate coated on micro-arc oxidized titanium. <i>Biomaterials</i> , <b>2008</b> , 29, 2025-32	15.6	142
351	Diagnosis and prediction of periodontally compromised teeth using a deep learning-based convolutional neural network algorithm. <i>Journal of Periodontal and Implant Science</i> , <b>2018</b> , 48, 114-123	2	141
350	Adsorption of UO <sub>2</sub> +2 by polyethylene adsorbents with amidoxime, carboxyl, and amidoxime/carboxyl group. <i>Radiation Physics and Chemistry</i> , <b>2000</b> , 57, 187-193	2.5	134
349	Maxillary sinus septa: prevalence, height, location, and morphology. A reformatted computed tomography scan analysis. <i>Journal of Periodontology</i> , <b>2006</b> , 77, 903-8	4.6	131
348	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> , <b>2004</b> , 39, 300-7	4.3	124
347	The induction of bone formation in rat calvarial defects and subcutaneous tissues by recombinant human BMP-2, produced in Escherichia coli. <i>Biomaterials</i> , <b>2010</b> , 31, 3512-9	15.6	97
346	Periodontal repair in surgically created intrabony defects in dogs: influence of the number of bone walls on healing response. <i>Journal of Periodontology</i> , <b>2004</b> , 75, 229-35	4.6	95
345	Ectopic bone formation associated with recombinant human bone morphogenetic proteins-2 using absorbable collagen sponge and beta tricalcium phosphate as carriers. <i>Biomaterials</i> , <b>2005</b> , 26, 2501-7	15.6	94
344	Spontaneous healing capacity of rabbit cranial defects of various sizes. <i>Journal of Periodontal and Implant Science</i> , <b>2010</b> , 40, 180-7	2	92
343	Dispersing of Ag, Pd, and PtRu alloy nanoparticles on single-walled carbon nanotubes by Irradiation. <i>Materials Letters</i> , <b>2005</b> , 59, 1121-1124	3.3	83
342	Thickness of posterior palatal masticatory mucosa: the use of computerized tomography. <i>Journal of Periodontology</i> , <b>2008</b> , 79, 406-12	4.6	79
341	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> , <b>2004</b> , 39, 20-6	4.3	75
340	The biocompatibility of SLA-treated titanium implants. <i>Biomedical Materials (Bristol)</i> , <b>2008</b> , 3, 025011	3.5	72
339	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> , <b>2006</b> , 77, 1651-7	4.6	71

338	Effect of recombinant human bone morphogenetic protein-4 dose on bone formation in a rat calvarial defect model. <i>Journal of Periodontology</i> , <b>2004</b> , 75, 1364-70	4.6	68
337	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> , <b>1998</b> , 69, 982-8	4.6	68
336	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> , <b>2003</b> , 30, 443-53	7.7	66
335	Effects of pretreatment clinical parameters on bioactive glass implantation in intrabony periodontal defects. <i>Journal of Periodontology</i> , <b>2001</b> , 72, 730-40	4.6	61
334	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> , <b>1999</b> , 71, 643-650	2.9	59
333	The effect of a fibrin-fibronectin/beta-tricalcium phosphate/recombinant human bone morphogenetic protein-2 system on bone formation in rat calvarial defects. <i>Biomaterials</i> , <b>2006</b> , 27, 3810-8 <sup>15.6</sup>	15.6	58
332	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> , <b>2005</b> , 72, 86-93		58
331	Detection of major putative periodontopathogens in Korean advanced adult periodontitis patients using a nucleic acid-based approach. <i>Journal of Periodontology</i> , <b>2000</b> , 71, 1387-94	4.6	57
330	Radiation-induced graft copolymerization of binary monomer mixture containing acrylonitrile onto polyethylene films. <i>Radiation Physics and Chemistry</i> , <b>2000</b> , 58, 157-168	2.5	56
329	Osteoinductive activity of biphasic calcium phosphate with different rhBMP-2 doses in rats. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2012</b> , 113, 480-7	2	54
328	Periodontal wound healing/regeneration following implantation of recombinant human growth/differentiation factor-5 in a beta-tricalcium phosphate carrier into one-wall intrabony defects in dogs. <i>Journal of Clinical Periodontology</i> , <b>2010</b> , 37, 382-9	7.7	54
327	Effect of recombinant human bone morphogenetic protein-4 with carriers in rat calvarial defects. <i>Journal of Periodontology</i> , <b>2003</b> , 74, 787-97	4.6	54
326	Association of Lifestyle-Related Comorbidities With Periodontitis: A Nationwide Cohort Study in Korea. <i>Medicine (United States)</i> , <b>2015</b> , 94, e1567	1.8	53
325	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> , <b>2005</b> , 32, 583-9	7.7	53
324	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> , <b>2010</b> , 79, 434-440	2.5	46
323	Effect of recombinant human bone morphogenetic protein-2, -4, and -7 on bone formation in rat calvarial defects. <i>Journal of Periodontology</i> , <b>2005</b> , 76, 1667-74	4.6	44
322	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> , <b>2014</b> , 102, 80-8	3.5	42
321	Effects of chitosan on human periodontal ligament fibroblasts in vitro and on bone formation in rat calvarial defects. <i>Journal of Periodontology</i> , <b>2005</b> , 76, 1526-33	4.6	42

320	Distribution of periodontal pathogens in Korean aggressive periodontitis. <i>Journal of Periodontology</i> , <b>2003</b> , 74, 1329-35	4.6	42
319	Sinus augmentation using absorbable collagen sponge loaded with Escherichia coli-expressed recombinant human bone morphogenetic protein 2 in a standardized rabbit sinus model: a radiographic and histologic analysis. <i>Clinical Oral Implants Research</i> , <b>2012</b> , 23, 682-689	4.8	41
318	Periodontal repair in intrabony defects treated with a calcium sulfate implant and calcium sulfate barrier. <i>Journal of Periodontology</i> , <b>1998</b> , 69, 1317-24	4.6	41
317	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
316	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> , <b>2012</b> , 100, 3304-13	5.4	40
315	Bone formation of block and particulated biphasic calcium phosphate lyophilized with Escherichia coli-derived recombinant human bone morphogenetic protein 2 in rat calvarial defects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2011</b> , 112, 298-306		40
314	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> , <b>2006</b> , 77, 765-72	4.6	38
313	Sinus augmentation using BMP-2 in a bovine hydroxyapatite/collagen carrier in dogs. <i>Journal of Clinical Periodontology</i> , <b>2014</b> , 41, 86-93	7.7	36
312	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> , <b>2005</b> , 76, 2216-22	4.6	36
311	Adsorption of CO <sub>2</sub> <sup>+</sup> by styrene-g-polyethylene membrane bearing sulfonic acid groups modified by radiation-induced graft copolymerization. <i>Journal of Applied Polymer Science</i> , <b>1999</b> , 71, 2227-2235	2.9	36
310	Alveolar bone formation at dental implant dehiscence defects following guided bone regeneration and xenogenic freeze-dried demineralized bone matrix. <i>Clinical Oral Implants Research</i> , <b>1998</b> , 9, 419-28	4.8	35
309	Association between periodontal disease and non-communicable diseases: A 12-year longitudinal health-examinee cohort study in South Korea. <i>Medicine (United States)</i> , <b>2017</b> , 96, e7398	1.8	34
308	Impact of different synthetic bone fillers on healing of extraction sockets: an experimental study in dogs. <i>Clinical Oral Implants Research</i> , <b>2014</b> , 25, e30-7	4.8	33
307	Anti-inflammatory effect of (-)-epigallocatechin-3-gallate on Porphyromonas gingivalis lipopolysaccharide-stimulated fibroblasts and stem cells derived from human periodontal ligament. <i>Journal of Periodontal and Implant Science</i> , <b>2012</b> , 42, 185-95	2	33
306	Adsorption of Co <sub>2</sub> <sup>+</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> , <b>1999</b> , 71, 999-1006	2.0	33
305	Long-term retrospective study of narrow implants for fixed dental prostheses. <i>Clinical Oral Implants Research</i> , <b>2013</b> , 24, 847-52	4.8	32
304	Association between Periodontal disease and Prostate cancer: Results of a 12-year Longitudinal Cohort Study in South Korea. <i>Journal of Cancer</i> , <b>2017</b> , 8, 2959-2965	4.5	31
303	Fabrication of a Multi-Walled Nanotube (MWNT) Ionic Liquid Electrode and Its Application for Sensing Phenolics in Red Wines. <i>Sensors</i> , <b>2009</b> , 9, 6701-14	3.8	31

302	Bone probing measurement as a reliable evaluation of the bone level in periodontal defects. <i>Journal of Periodontology</i> , <b>2000</b> , 71, 729-35	4.6	30
301	Acceleration of Bone Regeneration by BMP-2-Loaded Collagenated Biphasic Calcium Phosphate in Rabbit Sinus. <i>Clinical Implant Dentistry and Related Research</i> , <b>2015</b> , 17, 1103-13	3.9	29
300	Case series of maxillary sinus augmentation with biphasic calcium phosphate: a clinical and radiographic study. <i>Journal of Periodontal and Implant Science</i> , <b>2011</b> , 41, 98-104	2	29
299	Surface characteristics of a novel hydroxyapatite-coated dental implant. <i>Journal of Periodontal and Implant Science</i> , <b>2012</b> , 42, 59-63	2	28
298	A short-term clinical study of marginal bone level change around microthreaded and platform-switched implants. <i>Journal of Periodontal and Implant Science</i> , <b>2011</b> , 41, 211-7	2	28
297	Feasibility of three-dimensional macroporous scaffold using calcium phosphate glass and polyurethane sponge. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 4357-4364	4.3	28
296	Adsorption behavior of urokinase by polypropylene film modified with amino acids as affinity groups. <i>Microchemical Journal</i> , <b>2001</b> , 68, 205-213	4.8	28
295	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> , <b>2019</b> , 107, 1254-1263	3.5	28
294	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> , <b>2016</b> , 16, 118	3.7	27
293	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
292	Comparative evaluation of roughness of titanium surfaces treated by different hygiene instruments. <i>Journal of Periodontal and Implant Science</i> , <b>2012</b> , 42, 88-94	2	27
291	Periodontal repair in dogs: effect of allogenic freeze-dried demineralized bone matrix implants on alveolar bone and cementum regeneration. <i>Journal of Periodontology</i> , <b>1998</b> , 69, 26-33	4.6	27
290	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> , <b>2012</b> , 100, 2044-52	3.5	26
289	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> , <b>2012</b> , 39, 495-505	7.7	26
288	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> , <b>2004</b> , 69, 188-95		26
287	Inhibition of cyclosporin A-induced gingival overgrowth by azithromycin through phagocytosis: an in vivo and in vitro study. <i>Journal of Periodontology</i> , <b>2004</b> , 75, 380-7	4.6	26
286	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
285	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> , <b>2012</b> , 2012, 1-8	2	25

284	Periodontal regeneration with nano-hydroxyapatite-coated silk scaffolds in dogs. <i>Journal of Periodontal and Implant Science</i> , <b>2013</b> , 43, 315-22	2	25
283	Evaluation of mandibular posterior single implants with two different surfaces: a 5-year comparative study. <i>Journal of Periodontology</i> , <b>2008</b> , 79, 1857-63	4.6	25
282	Industrial application of ion beam assisted deposition on medical implants. <i>Surface and Coatings Technology</i> , <b>2007</b> , 201, 5132-5137	4.4	25
281	Effects of a chitosan membrane coated with polylactic and polyglycolic acid on bone regeneration in a rat calvarial defect. <i>Biomedical Materials (Bristol)</i> , <b>2007</b> , 2, S101-5	3.5	25
280	Flap extension attained by vertical and periosteal-releasing incisions: a prospective cohort study. <i>Clinical Oral Implants Research</i> , <b>2012</b> , 23, 993-8	4.8	24
279	The effects of newly formed synthetic peptide on bone regeneration in rat calvarial defects. <i>Journal of Periodontal and Implant Science</i> , <b>2010</b> , 40, 11-8	2	24
278	Evidence for expansion-based temporal BMP4/NOGGIN interactions in specifying periodontium morphogenesis. <i>Cell and Tissue Research</i> , <b>2007</b> , 330, 123-32	4.2	24
277	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
276	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> , <b>2012</b> , 42, 50-8	2	23
275	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> , <b>2013</b> , 19, 1994-2004	2.9	23
274	Characterization and preparation of new multiwall carbon nanotube/conducting polymer composites by in situ polymerization. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 101, 3721-3729	2.9	23
273	Comparison of collagen membrane and bone substitute as a carrier for rhBMP-2 in lateral onlay graft. <i>Clinical Oral Implants Research</i> , <b>2015</b> , 26, e13-9	4.8	21
272	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> , <b>2013</b> , 43, 64-71	2	21
271	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> , <b>2011</b> , 22, 1298-302	4.8	21
270	Charlson comorbidity index as a predictor of periodontal disease in elderly participants. <i>Journal of Periodontal and Implant Science</i> , <b>2018</b> , 48, 92-102	2	20
269	Mechanism of alveolar bone loss in a collagen-induced arthritis model in mice. <i>Journal of Clinical Periodontology</i> , <b>2011</b> , 38, 122-30	7.7	20
268	Histologic observation of soft tissue acquired from maxillary tuberosity area for root coverage. <i>Journal of Periodontology</i> , <b>2008</b> , 79, 934-40	4.6	20
267	Healing of surgically created circumferential gap around non-submerged-type implants in dogs: a histomorphometric study. <i>Clinical Oral Implants Research</i> , <b>2007</b> , 18, 171-8	4.8	20

266	Dispersion of PtRu alloys onto various carbons using irradiation. <i>Journal of Non-Crystalline Solids</i> , <b>2006</b> , 352, 355-360	3.9	20
265	The effect of safflower seed extract on periodontal healing of 1-wall intrabony defects in beagle dogs. <i>Journal of Periodontology</i> , <b>2002</b> , 73, 1457-66	4.6	20
264	Effect of periodontitis on the development of osteoporosis: results from a nationwide population-based cohort study (2003-2013). <i>BMC Women's Health</i> , <b>2017</b> , 17, 77	2.9	19
263	Comparisons of the diagnostic accuracies of optical coherence tomography, micro-computed tomography, and histology in periodontal disease: an study. <i>Journal of Periodontal and Implant Science</i> , <b>2017</b> , 47, 30-40	2	19
262	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> , <b>2015</b> , 30, 65-72	2.8	19
261	Facile synthesis of novel PtRu@PPy/MWNT electrocatalysts for direct methanol fuel cells. <i>Current Applied Physics</i> , <b>2010</b> , 10, S44-S50	2.6	19
260	The effect of recombinant human bone morphogenetic protein-4 on the osteoblastic differentiation of mouse calvarial cells affected by Porphyromonas gingivalis. <i>Journal of Periodontology</i> , <b>2002</b> , 73, 1126-32	4.6	19
259	Electrochemical properties of polyethylene membrane modified with sulfonic and phosphonic acid groups. <i>Korean Journal of Chemical Engineering</i> , <b>1999</b> , 16, 725-730	2.8	19
258	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> , <b>2017</b> , 19, 742-749	3.9	18
257	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
256	Association between periodontal flap surgery for periodontitis and vasculogenic erectile dysfunction in Koreans. <i>Journal of Periodontal and Implant Science</i> , <b>2017</b> , 47, 96-105	2	18
255	Maturation of periodontal tissues following implantation of rhGDF-5/BTCP in one-wall intra-bony defects in dogs: 24-week histological observations. <i>Journal of Clinical Periodontology</i> , <b>2012</b> , 39, 466-74	7.7	18
254	A canine model for histometric evaluation of periodontal regeneration. <i>Periodontology 2000</i> , <b>2011</b> , 56, 209-26	12.9	18
253	Enhanced bone forming ability of SLA-treated Ti coated with a calcium phosphate thin film formed by e-beam evaporation. <i>Biomedical Materials (Bristol)</i> , <b>2010</b> , 5, 044106	3.5	18
252	One-pot synthesis of a few nanocomposites with poly(N-vinylcarbazole) and CdS, Ag, Pd50Ag50, and Pt50Ru50 nanoparticles with irradiation. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 100, 1809-1815	2.9	18
251	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> , <b>2019</b> , 30, 578-587	4.8	17
250	The influence of perforating the autogenous block bone and the recipient bed in dogs. Part II: histologic analysis. <i>Clinical Oral Implants Research</i> , <b>2012</b> , 23, 987-92	4.8	17
249	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> , <b>2011</b> , 111, 298-305		17

248	Periodontal regenerative effect of a bovine hydroxyapatite/collagen block in one-wall intrabony defects in dogs: a histometric analysis. <i>Journal of Periodontal and Implant Science</i> , <b>2011</b> , 41, 285-92	2	17
247	Resolution of surgically created three-wall intrabony defects in implants using three different biomaterials: an in vivo study. <i>Clinical Oral Implants Research</i> , <b>2011</b> , 22, 343-8	4.8	17
246	Development of an Electrogenerated Chemiluminescence Biosensor using Carboxylic acid-functionalized MWCNT and Au Nanoparticles. <i>Sensors</i> , <b>2009</b> , 9, 1662-77	3.8	17
245	Fabrication of a microbial biosensor based on QD-MWNT supports by a one-step radiation reaction and detection of phenolic compounds in red wines. <i>Sensors</i> , <b>2011</b> , 11, 2001-12	3.8	17
244	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> , <b>1999</b> , 16, 241-247	2.8	17
243	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> , <b>2017</b> , 47, 264-272	2	16
242	Prevalence and anatomic topography of mandibular tori: computed tomographic analysis. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 70, 1286-91	1.8	16
241	Knowledge and attitudes of Korean dentists towards human immunodeficiency virus/acquired immune deficiency syndrome. <i>Journal of Periodontal and Implant Science</i> , <b>2011</b> , 41, 3-9	2	16
240	The effects of a bioabsorbable barrier membrane containing safflower seed extracts on periodontal healing of 1-wall intrabony defects in beagle dogs. <i>Journal of Periodontology</i> , <b>2005</b> , 76, 22-33	4.6	16
239	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> , <b>2019</b> , 19, 40	3.7	15
238	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
237	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> , <b>2010</b> , 40, 194-200	2	15
236	Transforming growth factor-beta1 accelerates resorption of a calcium carbonate biomaterial in periodontal defects. <i>Journal of Periodontology</i> , <b>2007</b> , 78, 723-9	4.6	15
235	Bone formation in calvarial defects of Sprague-Dawley rats by transplantation of calcium phosphate glass. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2005</b> , 74, 497-502	5.4	15
234	Sequential healing of onlay bone grafts using combining biomaterials with cross-linked collagen in dogs. <i>Clinical Oral Implants Research</i> , <b>2017</b> , 28, 76-85	4.8	14
233	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
232	Long-term results from soft and hard tissue augmentation by a modified vascularized interpositional periosteal-connective tissue technique in the maxillary anterior region. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2012</b> , 70, 484-91	1.8	14
231	Effect of laser-dimpled titanium surfaces on attachment of epithelial-like cells and fibroblasts. <i>Journal of Advanced Prosthodontics</i> , <b>2015</b> , 7, 138-45	2.2	14



230	Low-dose recombinant human bone morphogenetic protein-2 to enhance the osteogenic potential of the Schneiderian membrane in the early healing phase: in vitro and in vivo studies. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 72, 1480-94	1.8	14
229	Effect of (-)-epigallocatechin-3-gallate on maintaining the periodontal ligament cell viability of avulsed teeth: a preliminary study. <i>Journal of Periodontal and Implant Science</i> , <b>2011</b> , 41, 10-6	2	14
228	The influence of diabetes mellitus on periodontal tissues: a pilot study. <i>Journal of Periodontal and Implant Science</i> , <b>2010</b> , 40, 49-55	2	14
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