

Seong-Ho Choi

List of Publications by Year in Descending Order

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

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	Periodontal probing on digital images compared to clinical measurements in periodontitis patients.. <i>Scientific Reports</i> , 2022 , 12, 1616	4.9	
354	Fabrication of Polyaniline Ni-Complex Catalytic Electrode by Plasma Deposition for Electrochemical Detection of Phosphate through Glucose Redox Reaction as Mediator. <i>Catalysts</i> , 2022 , 12, 128	4	
353	Correlation analysis of the oral mucosal microbiome and diabetes mellitus using microbial DNA in elderly male subjects. <i>Oral Biology Research</i> , 2022 , 46, 10-20	0	0
352	Anti-Inflammatory Potential of Complex Extracts of Matsum. & Koidz. and L. Sprout in Chronic Gingivitis: In Vitro Investigation and Randomized Clinical Trial. <i>Antioxidants</i> , 2021 , 10,	7.1	1
351	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	
350	Histologic Analysis of Ridge Preservation Using Deproteinized Porcine Bone: A Retrospective Human Study. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2021 , 25, 1-9	0.3	
349	3D-Printed Barrier Membrane Using Mixture of Polycaprolactone and Beta-Tricalcium Phosphate for Regeneration of Rabbit Calvarial Defects. <i>Materials</i> , 2021 , 14,	3.5	1
348	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	4.8	1
347	Complication rates for various retention types in anterior implant-supported prostheses: A retrospective clinical study. <i>Journal of Prosthetic Dentistry</i> , 2021 , 125, 273-278	4	1
346	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, 40-52	2	1
345	Cold Plasma Deposition of Polymeric Nanoprotrusion, Nanoparticles, and Nanofilm Structures on a Slide Glass Surface. <i>Processes</i> , 2021 , 9, 99	2.9	
344	Quantification of Bacteria in Mouth-Rinsing Solution for the Diagnosis of Periodontal Disease. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
343	Clinical and Immunological Efficacy of Mangosteen and Propolis Extracted Complex in Patients with Gingivitis: A Multi-Centered Randomized Controlled Clinical Trial. <i>Nutrients</i> , 2021 , 13,	6.7	4
342	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	2.6	1
341	Synthesis of Aromatic and Aliphatic N-Heterocyclic Salts and Their Application as Organic Electrolyte Supporters in Electrochemical Capacitor. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8824	2.6	
340	Regenerative procedure using rotary titanium brush for surface decontamination of peri-implantitis: 3 cases with a 2-year follow-up. <i>Journal of Dental Rehabilitation and Applied Science</i> , 2021 , 37, 259-267	0.2	
339	Oral Fluid Biomarkers for Diagnosing Gingivitis in Human: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9

338	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, 14-27	2	10
337	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, 313-326	2	1
336	Sinus floor augmentation using mixture of mineralized cortical bone and cancellous bone allografts: Radiographic and histomorphometric evaluation. <i>Journal of Dental Sciences</i> , 2020 , 15, 257-264	2.5	1
335	Electrocatalytic Oxidation of Methanol by a Polymeric Ni Complex-Modified Electrode Prepared by a One-Step Cold-Plasma Process. <i>Frontiers in Chemistry</i> , 2020 , 8, 595616	5	3
334	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	3.5	3
333	Prognosis in case of nerve disturbance after mandibular implant surgery in relation to computed tomography findings and symptoms. <i>Journal of Periodontal and Implant Science</i> , 2019 , 49, 127-135	2	4
332	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	4.8	17
331	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	3.7	15
330	Maxillary sinus augmentation using biphasic calcium phosphate: dimensional stability results after 3-6 years. <i>Journal of Periodontal and Implant Science</i> , 2019 , 49, 47-57	2	5
329	Labially impacted maxillary canines after the closed eruption technique and orthodontic traction: A split-mouth comparison of periodontal recession. <i>Journal of Periodontology</i> , 2019 , 90, 35-43	4.6	7
328	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	3.9	1
327	Facile Fabrication of Metal Oxide Based Catalytic Electrodes by AC Plasma Deposition and Electrochemical Detection of Hydrogen Peroxide. <i>Catalysts</i> , 2019 , 9, 888	4	9
326	Bioactive characteristics of an implant surface coated with a pH buffering agent: an study. <i>Journal of Periodontal and Implant Science</i> , 2019 , 49, 366-381	2	2
325	Maxillary Sinus Augmentation With Calcium Phosphate Double-Coated Anorganic Bovine Bone: Comparative Multicenter Randomized Clinical Trial With Histological and Radiographic Evaluation. <i>Implant Dentistry</i> , 2019 , 28, 39-45	2.4	6
324	Resonance Frequency Analysis of Tapered Implants Placed at Maxillary Posterior Sites After Lateral Sinus Augmentation: A 1.5-year Follow-Up Prospective Study. <i>Implant Dentistry</i> , 2019 , 28, 62-67	2.4	2
323	Predictive data mining for diagnosing periodontal disease: the Korea National Health and Nutrition Examination Surveys (KNHANES V and VI) from 2010 to 2015. <i>Journal of Public Health Dentistry</i> , 2019 , 79, 44-52	1.6	7
322	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	3.5	28
321	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	3.5	6

320	Sinus floor elevation using implants coated with recombinant human bone morphogenetic protein-2: micro-computed tomographic and histomorphometric analyses. <i>Clinical Oral Investigations</i> , 2018 , 22, 829-837	4.2	3
319	Detection and diagnosis of dental caries using a deep learning-based convolutional neural network algorithm. <i>Journal of Dentistry</i> , 2018 , 77, 106-111	4.8	229
318	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, 114-123	2	141
317	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, 543736 ¹		11
316	Charlson comorbidity index as a predictor of periodontal disease in elderly participants. <i>Journal of Periodontal and Implant Science</i> , 2018 , 48, 92-102	2	20
315	Physiochemical properties and resorption progress of porcine skin-derived collagen membranes: In vitro and in vivo analysis. <i>Dental Materials Journal</i> , 2018 , 37, 332-340	2.5	10
314	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, 305-316	2	9
313	Effects of platelet-rich plasma on tooth replantation in dogs: a histologic and histomorphometric analysis. <i>Journal of Periodontal and Implant Science</i> , 2018 , 48, 224-235	2	4
312	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	4.8	14
311	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	4.8	11
310	Sinus augmentation using a histone deacetylase inhibitor in a calcium sulfate carrier in rabbit: A pilot study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 1916-1923	3.5	3
309	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	1.2	11
308	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	3.9	18
307	Proteome Expression in Human Periodontal Ligament after Delayed Hypothermic Preservation. <i>Journal of Endodontics</i> , 2017 , 43, 1317-1322	4.7	4
306	Retrospective Analysis of Sinus Membrane Thickening: Profile, Causal Factors, and Its Influence on Complications. <i>Implant Dentistry</i> , 2017 , 26, 868-874	2.4	8
305	The Conjugated Phenylene Polymer-Modified Photoanodes for Quantum Dot-Sensitized Solar Cells. <i>Journal of Nanomaterials</i> , 2017 , 2017, 1-11	3.2	
304	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	2.9	19
303	Association between periodontal flap surgery for periodontitis and vasculogenic erectile dysfunction in Koreans. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 96-105	2	18

302	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	4.5	31
301	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, 264-272	2	16
300	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> , 2017 , 47, 30-40	2	19
299	Association between periodontal disease and non-communicable diseases: A 12-year longitudinal health-examinee cohort study in South Korea. <i>Medicine (United States)</i> , 2017 , 96, e7398	1.8	34
298	De novo bone formation underneath the sinus membrane supported by a bone patch: a pilot experiment in rabbit sinus model. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1175-1181	4.8	2
297	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	7.7	8
296	Sinus augmentation using rhBMP-2-loaded synthetic bone substitute with simultaneous implant placement in rabbits. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 86-95	2	7
295	Dehydrothermally Cross-Linked Collagen Membrane with a Bone Graft Improves Bone Regeneration in a Rat Calvarial Defect Model. <i>Materials</i> , 2017 , 10,	3.5	10
294	Sinus augmentation using rhBMP-2-loaded synthetic bone substitute with simultaneous implant placement in rabbits. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 86	2	
293	Association between periodontal flap surgery for periodontitis and vasculogenic erectile dysfunction in Koreans. <i>Journal of Periodontal and Implant Science</i> , 2017 , 47, 96	2	
292	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	
291	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	
290	Periodontal disease and vasculogenic erectile dysfunction: a longitudinal health-examinee cohort study in South Korea. <i>Oral Biology Research</i> , 2017 , 41, 120-126	0	
289	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	3.7	27
288	A high concentration of recombinant human bone morphogenetic protein-2 induces low-efficacy bone regeneration in sinus augmentation: a histomorphometric analysis in rabbits. <i>Clinical Oral Implants Research</i> , 2016 , 27, e199-e205	4.8	14
287	Prevalence of Cervical Enamel Projection and Its Impact on Furcation Involvement in Mandibular Molars: A Cone-Beam Computed Tomography Study in Koreans. <i>Anatomical Record</i> , 2016 , 299, 379-84	2.1	7
286	Bone regenerative efficacy of biphasic calcium phosphate collagen composite as a carrier of rhBMP-2. <i>Clinical Oral Implants Research</i> , 2016 , 27, e91-e99	4.8	25
285	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, 350-359	2	3

284	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, 150-7	2.2	12
283	Preferences and flexibility in decision-making among dental clinicians regarding the treatment of multirooted teeth: an interactive communication device-based survey at two academic conferences. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 166-75	2	1
282	Late-term healing in an augmented sinus with different ratios of biphasic calcium phosphate: a pilot study using a rabbit sinus model. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 57-69	2	9
281	Electrochemiluminescence Biosensor Based on Thioglycolic Acid-Capped CdSe QDs for Sensing Glucose. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-9	3.2	2
280	Association between dental implants in the posterior region and traumatic occlusion in the adjacent premolars: a long-term follow-up clinical and radiographic analysis. <i>Journal of Periodontal and Implant Science</i> , 2016 , 46, 396-404	2	7
279	Bone Regenerative Efficacy of Limited-Dose Escherichia Coli-Derived rhBMP-2 With Biphasic Calcium Phosphate Carrier in Rabbit Calvarial Defect Model. <i>Implant Dentistry</i> , 2016 , 25, 16-23	2.4	9
278	Bone Regenerative Potential of Enamel Matrix Protein in the Circumferential Defect Around a Dental Implant. <i>Implant Dentistry</i> , 2016 , 25, 179-85	2.4	2
277	Different bone regeneration patterns in periimplant circumferential gap defects grafted with two types of osteoconductive biomaterial. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 1202-9	3.5	3
276	Layered approach with autogenous bone and bone substitute for ridge augmentation on implant dehiscence defects in dogs. <i>Clinical Oral Implants Research</i> , 2016 , 27, 622-8	4.8	11
275	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	4.8	21
274	Comparative evaluation of biphasic calcium phosphate and biphasic calcium phosphate collagen composite on osteoconductive potency in rabbit calvarial defect. <i>Biomaterials Research</i> , 2015 , 19, 1	16.8	40
273	Rapid bone regeneration by Escherichia coli-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	16.8	12
272	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, 663-70	4.8	12
271	Pre-clinical evaluation of the osteogenic potential of bone morphogenetic protein-2 loaded onto a particulate porcine bone biomaterial. <i>Journal of Clinical Periodontology</i> , 2015 , 42, 81-8	7.7	18
270	Effect of different hydroxyapatite:tricalcium phosphate ratios on the osteoconductivity of biphasic calcium phosphate in the rabbit sinus model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 65-72	2.8	19
269	In vivo comparative investigation of three synthetic graft materials with varying compositions processed using different methods. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 1280-6	2.8	4
268	Application of a Collagenated Biphasic Calcium Phosphate Loaded with Fibroblast Growth Factor-2 in the Rabbit Sinus: A Pilot Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015 , 30, 1197-204	2.8	3
267	Guided bone regeneration using 1-ethyl-3-(3-dimethylaminopropyl) carbodiimide (EDC)-cross-linked type-I collagen membrane with biphasic calcium phosphate at rabbit calvarial defects. <i>Biomaterials Research</i> , 2015 , 19, 15	16.8	23

266	Effects of epigallocatechin-3-gallate on the healing of extraction sockets with a periapical lesion: A pilot study in dogs. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 727-34	3.5	8
265	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, 1103-13	3.9	29
264	Mechanical Complication Rates and Optimal Horizontal Distance of the Most Distally Positioned Implant-Supported Single Crowns in the Posterior Region: A Study with a Mean Follow-Up of 3 Years. <i>Journal of Prosthodontics</i> , 2015 , 24, 517-524	3.9	7
263	Association of Lifestyle-Related Comorbidities With Periodontitis: A Nationwide Cohort Study in Korea. <i>Medicine (United States)</i> , 2015 , 94, e1567	1.8	53
262	Simultaneous Block Bone Grafting Using "L-Shaped Notch" Preparation in Mandible: Case Series and 1-Year Follow-up. <i>Implant Dentistry</i> , 2015 , 24, 625-30	2.4	1
261	Effectiveness of biphasic calcium phosphate block bone substitutes processed using a modified extrusion method in rabbit calvarial defects. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 46-55	2	6
260	Assessment of dehydrothermally cross-linked collagen membrane for guided bone regeneration around peri-implant dehiscence defects: a randomized single-blinded clinical trial. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 229-37	2	15
259	Comparative analysis of carrier systems for delivering bone morphogenetic proteins. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 136-44	2	10
258	Bone formation around rhBMP-2-coated implants in rabbit sinuses with or without absorbable collagen sponge grafting. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 238-46	2	7
257	The effect of overlaying titanium mesh with collagen membrane for ridge preservation. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 128-35	2	7
256	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, 111-9	2	5
255	Synthesis of Metal Oxide Decorated Polycarboxyphenyl Polymer-Grafted Multiwalled Carbon Nanotube Composites by a Chemical Grafting Approach for Supercapacitor Application. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-11	3.2	3
254	Effect of laser-dimpled titanium surfaces on attachment of epithelial-like cells and fibroblasts. <i>Journal of Advanced Prosthodontics</i> , 2015 , 7, 138-45	2.2	14
253	The Effectiveness of a Customized Titanium Mesh for Ridge Preservation with Immediate Implantation in Dogs. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17 Suppl 2, e652-60	3.9	7
252	Regeneration of rabbit calvarial defects using cells-implanted nano-hydroxyapatite coated silk scaffolds. <i>Biomaterials Research</i> , 2015 , 19, 7	16.8	27
251	Reosseointegration of mechanically disintegrated implants in dogs: mechanical and histometric analyses. <i>Clinical Oral Implants Research</i> , 2014 , 25, 729-34	4.8	4
250	Sinus augmentation using BMP-2 in a bovine hydroxyapatite/collagen carrier in dogs. <i>Journal of Clinical Periodontology</i> , 2014 , 41, 86-93	7.7	36
249	Effect of the interaction between periodontitis and type 1 diabetes mellitus on alveolar bone, mandibular condyle and tibia. <i>Acta Odontologica Scandinavica</i> , 2014 , 72, 265-73	2.2	11

248	Improvement in periodontal healing after periodontal surgery supported by nutritional supplement drinks. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 109-17	2	5
247	Tomographic and histometric analysis of autogenous bone block and synthetic hydroxyapatite block grafts without rigid fixation on rabbit calvaria. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 251-8	2	9
246	Delayed intentional replantation of periodontally hopeless teeth: a retrospective study. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 13-9	2	9
245	Paracrine effect of the bone morphogenetic protein-2 at the experimental site on healing of the adjacent control site: a study in the rabbit calvarial defect model. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 178-83	2	7
244	Early bone healing onto implant surface treated by fibronectin/oxysterol for cell adhesion/osteogenic differentiation: in vivo experimental study in dogs. <i>Journal of Periodontal and Implant Science</i> , 2014 , 44, 242-50	2	9
243	Preparation of radioisotope nanoparticles constructed with Au-ligand framework by self-assembly process for radiotracer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 302, 1151-1158	1.5	3
242	Radiolytic Synthesis of Vinyl Polymer-Clay Nanocomposite Membranes for Direct Methanol Fuel Cell. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-9	3.2	
241	Radiation-Induced Graft Polymerization of Vinyl Monomers with Anion Groups onto MWNT Supports and Their Application as Electrogenerated Chemiluminescence (ECL) Biosensors. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-11	3.2	2
240	Synthesis of an Anion-Exchange Membrane Based on Imidazolium-Type Ionic Liquids for a Capacitive Energy Extraction Donnan Potential Device. <i>Journal of Chemistry</i> , 2014 , 2014, 1-7	2.3	3
239	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, 1454-61	3.5	13
238	Effect of size of Fe ₃ O ₄ magnetic nanoparticles on electrochemical performance of screen printed electrode using sedimentation field-flow fractionation. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	6
237	Anatomical topography of the mandibular symphysis in the Korean population: a computed tomography analysis. <i>Clinical Anatomy</i> , 2014 , 27, 592-7	2.5	6
236	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, 80-8	3.5	42
235	Biozymatic Acetylcholinesterase and Choline Oxidase Immobilized Biosensor Based on a Phenyl Carboxylic Acid-Grafted Multiwalled Carbon Nanotube. <i>Advances in Materials Science and Engineering</i> , 2014 , 2014, 1-12	1.5	4
234	Biocompatibility and resorption pattern of newly developed hyaluronic acid hydrogel reinforced three-layer poly (lactide-co-glycolide) membrane: histologic observation in rabbit calvarial defect model. <i>Biomaterials Research</i> , 2014 , 18, 12	16.8	9
233	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	4.8	33
232	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> , 2014 , 72, 1480-94	1.8	14
231	Synthesis and characterization of coordination polymer nanoparticles as radioisotope tracers. <i>Applied Radiation and Isotopes</i> , 2014 , 85, 19-22	1.7	4

230	Influence of nanocoated calcium phosphate on two different types of implant surfaces in different bone environment: an animal study. <i>Clinical Oral Implants Research</i> , 2013 , 24, 1018-22	4.8	9
229	Comparison study of a chiral stationary phase based on cellulose derivatives prepared by grafting from and grafting to methods. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 4122-4128	2.9	4
228	Long-term retrospective study of narrow implants for fixed dental prostheses. <i>Clinical Oral Implants Research</i> , 2013 , 24, 847-52	4.8	32
227	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	4.9	23
226	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, 1395-402	2.8	0
225	Gingival coverage of iatrogenically denuded labial bone resulting from thermal trauma. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2013 , 33, 635-9	2.1	5
224	Dissolution behavior and early bone apposition of calcium phosphate-coated machined implants. <i>Journal of Periodontal and Implant Science</i> , 2013 , 43, 291-300	2	8
223	Periodontal regeneration with nano-hydroxyapatite-coated silk scaffolds in dogs. <i>Journal of Periodontal and Implant Science</i> , 2013 , 43, 315-22	2	25
222	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, 64-71	2	21
221	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, 18-23	2	12
220	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> , 2012 , 39, 466-74	7.7	18
219	The clinical effect of locally delivered minocycline in association with flap surgery for the treatment of chronic severe periodontitis: a split-mouth design. <i>Journal of Clinical Periodontology</i> , 2012 , 39, 753-9	7.7	7
218	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> , 2012 , 70, 484-91	1.8	14
217	Prevalence and anatomic topography of mandibular tori: computed tomographic analysis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012 , 70, 1286-91	1.8	16
216	Gelatin-layered and multi-sized porous tricalcium phosphate for tissue engineering scaffold. <i>Nanoscale Research Letters</i> , 2012 , 7, 78	5	10
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