

Wonse Park

List of Publications by Citations

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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.

80 papers	757 citations	16 h-index	24 g-index
93 ext. papers	950 ext. citations	2.4 avg, IF	3.73 L-index

#	Paper	IF	Citations
80	Mesiobuccal root canal anatomy of Korean maxillary first and second molars by cone-beam computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011 , 111, 785-91		81
79	Integration accuracy of digital dental models and 3-dimensional computerized tomography images by sequential point- and surface-based markerless registration. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 110, 370-8		45
78	Effect of EDTA on attachment and differentiation of dental pulp stem cells. <i>Journal of Endodontics</i> , 2014 , 40, 811-7	4.7	40
77	Strut analysis for osteoporosis detection model using dental panoramic radiography. <i>Dentomaxillofacial Radiology</i> , 2017 , 46, 20170006	3.9	39
76	Cortical integrity of the inferior alveolar canal as a predictor of paresthesia after third-molar extraction. <i>Journal of the American Dental Association</i> , 2010 , 141, 271-8	1.9	30
75	Neural Progenitor-Like Cells Induced from Human Gingiva-Derived Mesenchymal Stem Cells Regulate Myelination of Schwann Cells in Rat Sciatic Nerve Regeneration. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 458-470	6.9	27
74	Clinical experiences of digital model surgery and the rapid-prototyped wafer for maxillary orthognathic surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011 , 111, 278-85.e1		24
73	Computer-controlled local anesthetic delivery for painless anesthesia: a literature review. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016 , 16, 81-88	1.3	24
72	Diplopia after inferior alveolar nerve block anesthesia: report of 2 cases and literature review. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 107, e21-4		23
71	Induction of IL-8 in periodontal ligament cells by H(2)O (2). <i>Journal of Microbiology</i> , 2008 , 46, 579-84	3	23
70	Comparative gene expression analysis of the human periodontal ligament in deciduous and permanent teeth. <i>PLoS ONE</i> , 2013 , 8, e61231	3.7	21
69	Prevalence of proximal contact loss between implant-supported fixed prostheses and adjacent natural teeth and its associated factors: a 7-year prospective study. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1501-1508	4.8	19
68	Microscopic analysis of molar-incisor malformation. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 119, 544-52	2	19
67	Denosumab-related osteonecrosis of the jaw: a case report and management based on pharmacokinetics. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 120, 548-53	2	19
66	Architectural characteristics of the normal and deformity mandible revealed by three-dimensional functional unit analysis. <i>Clinical Oral Investigations</i> , 2010 , 14, 691-8	4.2	19
65	Morphological changes in the crown of mandibular molars with an additional distolingual root. <i>Archives of Oral Biology</i> , 2013 , 58, 248-53	2.8	17
64	Teriparatide therapy for bisphosphonate-related osteonecrosis of the jaw associated with dental implants. <i>Implant Dentistry</i> , 2015 , 24, 222-6	2.4	15

63	A portable dental image viewer using a mobile network to provide a tele-dental service. <i>Journal of Telemedicine and Telecare</i> , 2009 , 15, 145-9	6.8	14
62	Navigation-assisted intraoral vertical ramus osteotomy. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011 , 69, 931-4	1.8	13
61	Orthodontic extrusion of the lower third molar with an orthodontic mini implant. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 110, e1-6		13
60	Toothbrushing region detection using three-axis accelerometer and magnetic sensor. <i>IEEE Transactions on Biomedical Engineering</i> , 2012 , 59, 872-81	5	12
59	Autotransplantation of an ectopic impacted premolar with sinus lift and allogenic bone graft. <i>International Endodontic Journal</i> , 2011 , 44, 967-75	5.4	12
58	The validity of marker registration for an optimal integration method in mandibular navigation surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013 , 71, 366-75	1.8	11
57	Characteristics of bisphosphonate-related osteonecrosis of the jaw after kidney transplantation. <i>Journal of Craniofacial Surgery</i> , 2012 , 23, e510-4	1.2	11
56	Bleeding related to dental treatment in patients taking novel oral anticoagulants (NOACs): a retrospective study. <i>Clinical Oral Investigations</i> , 2019 , 23, 477-484	4.2	11
55	The influence of mandibular skeletal characteristics on inferior alveolar nerve block anesthesia. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015 , 15, 113-119	1.3	10
54	Implant displacement into the mandible: an unusual complication during implant surgery. <i>Implant Dentistry</i> , 2011 , 20, 345-8	2.4	10
53	Posterior maxillary segmental osteotomy concomitant with sinus lift using a piezoelectric device. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011 , 69, 2339-44	1.8	10
52	The relationship between masseter muscle thickness measured by ultrasonography and facial profile in young Korean adults. <i>Imaging Science in Dentistry</i> , 2018 , 48, 213-221	2.2	10
51	Regulation of root patterns in mammalian teeth. <i>Scientific Reports</i> , 2017 , 7, 12714	4.9	9
50	Endodontic and surgical treatment of root damage caused by orthodontic miniscrew placement. <i>Journal of Endodontics</i> , 2013 , 39, 1073-7	4.7	9
49	Optimal protocol for teleconsultation with a cellular phone for dentoalveolar trauma: an in-vitro study. <i>Imaging Science in Dentistry</i> , 2012 , 42, 71-5	2.2	9
48	Early orthognathic surgery with three-dimensional image simulation during presurgical orthodontics in adults. <i>Journal of Craniofacial Surgery</i> , 2011 , 22, 473-81	1.2	9
47	Osteoconduction capacity of human deciduous and permanent teeth ash in a rat calvarial bone defect model. <i>Cell and Tissue Banking</i> , 2015 , 16, 361-9	2.2	7
46	Accuracy and validity of stitching sectional cone beam computed tomographic images. <i>Journal of Craniofacial Surgery</i> , 2012 , 23, 1071-6	1.2	7

45	Protective dental splint for oroendotracheal intubation: experience of 202 cases. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015 , 15, 17-23	1.3	6
44	Endothelin Regulates Porphyromonas gingivalis-Induced Production of Inflammatory Cytokines. <i>PLoS ONE</i> , 2016 , 11, e0167713	3.7	6
43	Bone Regeneration Effect of Hyperbaric Oxygen Therapy Duration on Calvarial Defects in Irradiated Rats. <i>BioMed Research International</i> , 2019 , 2019, 9051713	3	5
42	Characteristics of patients who visit the dental emergency room in a dental college hospital. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2019 , 19, 21-27	1.3	5
41	Marker-free registration for the accurate integration of CT images and the subject's anatomy during navigation surgery of the maxillary sinus. <i>Dentomaxillofacial Radiology</i> , 2012 , 41, 679-85	3.9	5
40	Three-dimensional growth pattern of the rat mandible revealed by periodic live micro-computed tomography. <i>Archives of Oral Biology</i> , 2018 , 87, 94-101	2.8	4
39	Oral Papillomatosis in Immunocompromised Patients: A Case Series of Kidney Transplant Recipients and Myelodysplastic Syndrome. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018 , 76, 128-133	1.8	4
38	Distribution of medical status and medications in elderly patients treated with dental implant surgery covered by national healthcare insurance in Korea. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017 , 17, 113-119	1.3	4
37	Differential effect of water-soluble chitin on collagen synthesis of human bone marrow stem cells and human periodontal ligament stem cells. <i>Tissue Engineering - Part A</i> , 2015 , 21, 451-62	3.9	4
36	Efficacy of computer-assisted, 3D motion-capture toothbrushing instruction. <i>Clinical Oral Investigations</i> , 2015 , 19, 1389-94	4.2	3
35	Parathyroid Hormone (1-34) Might Not Improve Early Bone Healing after Sinus Augmentation in Healthy Rabbits. <i>BioMed Research International</i> , 2017 , 2017, 6087676	3	3
34	Delayed bleeding after implant surgery in patients taking novel oral anticoagulants: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017 , 17, 143-147	1.3	3
33	Creating protective appliances for preventing dental injury during endotracheal intubation using intraoral scanning and 3D printing: a technical note. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2017 , 17, 55-59	1.3	3
32	Removal of specular reflections in tooth color image by perceptron neural nets 2010 ,		3
31	Comparative Gene-Expression Analysis of Periodontal Ligament and Dental Pulp in the Human Permanent Teeth. <i>The Journal of the Korean Academy of Pediatric Dentistry</i> , 2016 , 43, 166-175	0.4	3
30	Preservation of Hypermobile Teeth by Establishing Posterior Occlusal Support Using Implant Prostheses: A 5-Year Follow-Up. <i>Journal of Prosthodontics</i> , 2015 , 24, 499-505	3.9	2
29	Importance of oral health and dental treatment in organ transplant recipients. <i>International Dental Journal</i> , 2020 , 70, 477-481	2.2	2
28	Effect of premolar extraction and presence of the lower third molar on lower second molar angulation in orthodontic treatment. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014 , 118, 278-83	2	2

27	Effect of teriparatide on early sinus graft healing in the ovariectomized rabbit. <i>Clinical Oral Implants Research</i> , 2020 , 31, 264-273	4.8	2
26	Single-Tooth Osteotomy Using Piezoelectric Devices to Treat an Ankylosed Maxillary Molar. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016 , 36, e1-8	2.1	2
25	Synergistic effect of hyperbaric oxygen therapy with PTH [1-34] on calvarial bone graft in irradiated rat. <i>Oral Diseases</i> , 2019 , 25, 822-830	3.5	2
24	Airborne allergens induce protease activated receptor-2-mediated production of inflammatory cytokines in human gingival epithelium. <i>Archives of Oral Biology</i> , 2016 , 61, 138-43	2.8	1
23	Precise implant placement with a computer-assisted surgical guide in cleft lip and palate patients. <i>Cleft Palate-Craniofacial Journal</i> , 2015 , 52, e65-71	1.9	1
22	Penetration injury to periorbital area by dental laboratory bur. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 1681-3	1.8	1
21	Importance of Photography Education to Improve Image Quality for Accurate Remote Diagnoses in Dental Trauma Patients: Observational Study. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e15152	5.5	1
20	Factors affecting root migration after coronectomy of the mandibular third molar. <i>Medicine (United States)</i> , 2021 , 100, e25974	1.8	1
19	Access opening guide produced using a 3D printer (AOG-3DP) as an effective tool in difficult cases for dental students. <i>Journal of Dental Education</i> , 2021 , 85, 1640-1645	1.6	1
18	Management of hyperthyroid patients in dental emergencies: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016 , 16, 147-150	1.3	1
17	Skeletal unit construction of rat mandible based on the masticatory muscle anatomy and double microcomputed tomography. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2018 , 47, 417-427	1.1	1
16	Foreign body aspiration and ingestion in dental clinic: a seven-year retrospective study. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2022 , 22, 187	1.3	1
15	Mandibular metastasis of cholangiocarcinoma: A case report. <i>Imaging Science in Dentistry</i> , 2015 , 45, 247-51	5.1	0
14	Epithelial-mesenchymal transition in osteogenic sarcoma of the neck following oral squamous cell carcinoma. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2010 , 36, 172	1.6	0
13	Orthodontic Extrusion of Mandibular Third Molar With a Miniscrew and Cross-Arch Elastic. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021 , 79, 1422.e1-1422.e8	1.8	0
12	Foreign body removal assisted by an intraoral ultrasound probe. <i>Oral Radiology</i> , 2019 , 35, 73-76	2.5	0
11	Ultrasound Guided Free Gingival Graft: Case Report. <i>Journal of Oral Implantology</i> , 2018 , 44, 385-388	1.2	0
10	Full mouth rehabilitation of a patient with Sturge-Weber syndrome using a mixture of general and sedative anesthesia. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015 , 15, 173-179	1.3	

- 9 A lateral approach to the maxillary sinus for simultaneous extraction of an ankylosed maxillary molar and sinus graft: a case report. *Journal of the Korean Association of Oral and Maxillofacial Surgeons*, **2012**, 38, 110 1.6
- 8 Reconsideration of decision making for third molar extraction. *Journal of the Korean Association of Oral and Maxillofacial Surgeons*, **2011**, 37, 343 1.6
- 7 Management of Hypertensive Crisis Emergency: A Case Report. *Journal of the Korean Dental Society of Anesthesiology*, **2010**, 10, 183
- 6 Diplopia after Inferior Alveolar Nerve Block Anesthesia: A Case Report. *Journal of the Korean Dental Society of Anesthesiology*, **2007**, 7, 131
- 5 Assessment of Bone Quality in Pre-dental Implant Site Using Periapical, Panoramic and Computed Tomography. *The Korean Academy of Oral and Maxillofacial Implantology*, **2018**, 22, 80-86 0.3
- 4 Combined Sinus Floor and Alveolar Ridge Augmentation Simultaneously Performed with Extraction of Ankylosed Maxillary Molar: A Case Report. *The Korean Academy of Oral and Maxillofacial Implantology*, **2020**, 24, 83-92 0.3
- 3 Paresthesia After Inferior Alveolar Nerve Block Anesthesia for Implant Surgery on Mandibular Premolar. *Journal of the Korean Dental Society of Anesthesiology*, **2013**, 13, 39
- 2 Computer Controlled Local Anesthesia Delivery: Literature Review. *Journal of the Korean Dental Society of Anesthesiology*, **2013**, 13, 179
- 1 Qualitative focus group interview study of communication between patients, dentists and physicians for efficient osteonecrosis of the jaw practices.. *BMJ Open*, **2022**, 12, e051054 3