

# Wonse Park

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

1,118  
citations

394286

19  
h-index

477173

29  
g-index

93  
all docs

93  
docs citations

93  
times ranked

1606  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 785-791.	1.6	101
2	Strut analysis for osteoporosis detection model using dental panoramic radiography. <i>Dentomaxillofacial Radiology</i> , 2017, 46, 20170006.	1.3	60
3	Effect of EDTA on Attachment and Differentiation of Dental Pulp Stem Cells. <i>Journal of Endodontics</i> , 2014, 40, 811-817.	1.4	56
4	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, 370-378.	1.6	53
5	Computer-controlled local anesthetic delivery for painless anesthesia: a literature review. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 81.	0.4	45
6	Architectural characteristics of the normal and deformity mandible revealed by three-dimensional functional unit analysis. <i>Clinical Oral Investigations</i> , 2010, 14, 691-698.	1.4	40
7	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.	1.6	38
8	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.	1.9	36
9	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, 271-278.	0.7	34
10	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, 278-285.e1.	1.6	31
11	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-e24.	1.6	29
12	Induction of IL-8 in periodontal ligament cells by H <sub>2</sub> O <sub>2</sub> . <i>Journal of Microbiology</i> , 2008, 46, 579-584.	1.3	27
13	Microscopic analysis of molar-incisor malformation. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, 544-552.	0.2	25
14	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, 548-553.	0.2	25
15	Comparative Gene Expression Analysis of the Human Periodontal Ligament in Deciduous and Permanent Teeth. <i>PLoS ONE</i> , 2013, 8, e61231.	1.1	24
16	Bleeding related to dental treatment in patients taking novel oral anticoagulants (NOACs): a retrospective study. <i>Clinical Oral Investigations</i> , 2019, 23, 477-484.	1.4	23
17	Morphological changes in the crown of mandibular molars with an additional distolingual root. <i>Archives of Oral Biology</i> , 2013, 58, 248-253.	0.8	22
18	Toothbrushing Region Detection Using Three-Axis Accelerometer and Magnetic Sensor. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 872-881.	2.5	21

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19	A portable dental image viewer using a mobile network to provide a tele-dental service. <i>Journal of Telemedicine and Telecare</i> , 2009, 15, 145-149.	1.4	20
20	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-e6.	1.6	20
21	The Validity of Marker Registration for an Optimal Integration Method in Mandibular Navigation Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013, 71, 366-375.	0.5	19
22	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.	0.6	19
23	Development and Validation of a Visually Explainable Deep Learning Model for Classification of C-shaped Canals of the Mandibular Second Molars in Periapical and Panoramic Dental Radiographs. <i>Journal of Endodontics</i> , 2022, 48, 914-921.	1.4	19
24	Autotransplantation of an ectopic impacted premolar with sinus lift and allogenic bone graft. <i>International Endodontic Journal</i> , 2011, 44, 967-975.	2.3	17
25	Navigation-Assisted Intraoral Vertical Ramus Osteotomy. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 931-934.	0.5	17
26	Optimal protocol for teleconsultation with a cellular phone for dentoalveolar trauma: an in-vitro study. <i>Imaging Science in Dentistry</i> , 2012, 42, 71.	0.6	16
27	Teriparatide Therapy for Bisphosphonate-Related Osteonecrosis of the Jaw Associated With Dental Implants. <i>Implant Dentistry</i> , 2015, Publish Ahead of Print, 222-6.	1.7	16
28	Endodontic and Surgical Treatment of Root Damage Caused by Orthodontic Miniscrew Placement. <i>Journal of Endodontics</i> , 2013, 39, 1073-1077.	1.4	14
29	Characteristics of Bisphosphonate-Related Osteonecrosis of the Jaw After Kidney Transplantation. <i>Journal of Craniofacial Surgery</i> , 2012, 23, e510-e514.	0.3	13
30	Implant Displacement into the Mandible: An Unusual Complication During Implant Surgery. <i>Implant Dentistry</i> , 2011, 20, 345-348.	1.7	12
31	Posterior Maxillary Segmental Osteotomy Concomitant With Sinus Lift Using a Piezoelectric Device. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 2339-2344.	0.5	12
32	The influence of mandibular skeletal characteristics on inferior alveolar nerve block anesthesia. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 113.	0.4	12
33	Accuracy and Validity of Stitching Sectional Cone Beam Computed Tomographic Images. <i>Journal of Craniofacial Surgery</i> , 2012, 23, 1071-1076.	0.3	11
34	Regulation of root patterns in mammalian teeth. <i>Scientific Reports</i> , 2017, 7, 12714.	1.6	11
35	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.	0.4	11
36	Protective dental splint for oroendotracheal intubation: experience of 202 cases. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2015, 15, 17.	0.4	10

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37	Early Orthognathic Surgery With Three-Dimensional Image Simulation During Presurgical Orthodontics in Adults. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 473-481.	0.3	9
38	Bone Regeneration Effect of Hyperbaric Oxygen Therapy Duration on Calvarial Defects in Irradiated Rats. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	9
39	Osteoconduction capacity of human deciduous and permanent teeth ash in a rat calvarial bone defect model. <i>Cell and Tissue Banking</i> , 2015, 16, 361-369.	0.5	8
40	Removal of specular reflections in tooth color image by perceptron neural nets. , 2010, , .		7
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, 679-685.	1.3	7
42	Efficacy of computer-assisted, 3D motion-capture toothbrushing instruction. <i>Clinical Oral Investigations</i> , 2015, 19, 1389-1394.	1.4	7
43	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.	0.4	7
44	Endothelin Regulates Porphyromonas gingivalis-Induced Production of Inflammatory Cytokines. <i>PLoS ONE</i> , 2016, 11, e0167713.	1.1	7
45	A 5-year retrospective cohort study of denosumab induced medication related osteonecrosis of the jaw in osteoporosis patients. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
46	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.	0.4	6
47	Importance of oral health and dental treatment in organ transplant recipients. <i>International Dental Journal</i> , 2020, 70, 477-481.	1.0	6
48	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, 451-462.	1.6	5
49	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.	0.4	5
50	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.	0.8	5
51	Effect of teriparatide on early sinus graft healing in the ovariectomized rabbit. <i>Clinical Oral Implants Research</i> , 2020, 31, 264-273.	1.9	5
52	Access opening guide produced using a 3D printer (AOG&#3D;3DP) as an effective tool in difficult cases for dental students. <i>Journal of Dental Education</i> , 2021, 85, 1640-1645.	0.7	5
53	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, 278-283.	0.2	4
54	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.	0.5	4

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55	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.	1.5	4
56	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.	0.1	4
57	Mucormycosis in the Jaw: A Report of 2 Cases and Literature Review. <i>Oral Health &amp; Preventive Dentistry</i> , 2020, 18, 1011-1016.	0.3	4
58	Single-Tooth Osteotomy Using Piezoelectric Devices to Treat an Ankylosed Maxillary Molar. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2016, 36, e1-e8.	0.4	3
59	Airborne allergens induce protease activated receptor-2-mediated production of inflammatory cytokines in human gingival epithelium. <i>Archives of Oral Biology</i> , 2016, 61, 138-143.	0.8	3
60	Parathyroid Hormone (1-34) Might Not Improve Early Bone Healing after Sinus Augmentation in Healthy Rabbits. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	3
61	Preservation of Hypermobile Teeth by Establishing Posterior Occlusal Support Using Implant Prosthesis: A 5-Year Follow-Up. <i>Journal of Prosthodontics</i> , 2015, 24, 499-505.	1.7	2
62	Management of hyperthyroid patients in dental emergencies: a case report. <i>Journal of Dental Anesthesia and Pain Medicine</i> , 2016, 16, 147.	0.4	2
63	Ultrasound Guided Free Gingival Graft: Case Report. <i>Journal of Oral Implantology</i> , 2018, 44, 385-388.	0.4	2
64	Foreign body removal assisted by an intraoral ultrasound probe. <i>Oral Radiology</i> , 2019, 35, 73-76.	0.9	2
65	Factors affecting root migration after coronectomy of the mandibular third molar. <i>Medicine (United Kingdom)</i> 2021; 100(14):e27212. doi:10.1093/med/kaab114	0.4	2
66	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.	0.5	2
67	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.	1.8	2
68	Qualitative focus group interview study of communication between patients, dentists and physicians for efficient osteonecrosis of the jaw practices. <i>BMJ Open</i> , 2022, 12, e051054.	0.8	2
69	Penetration Injury to Periorbital Area by Dental Laboratory Bur. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 1681-1683.	0.5	1
70	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.	0.3	1
71	Reconsideration of decision making for third molar extraction. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2011, 37, 343.	0.3	1
72	Precise Implant Placement with a Computer-Assisted Surgical Guide in Cleft Lip and Palate Patients. <i>Cleft Palate-Craniofacial Journal</i> , 2015, 52, 65-71.	0.5	1

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73	Mandibular metastasis of cholangiocarcinoma: A case report. <i>Imaging Science in Dentistry</i> , 2015, 45, 247.	0.6	1
74	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.	0.3	1
75	Tooth Segmentation Using Gaussian Mixture Model and Genetic Algorithm. <i>Journal of Medical Imaging and Health Informatics</i> , 2017, 7, 1271-1276.	0.2	1
76	Accuracy of 3D printed dental casts for protective dental splints during general anesthesia. <i>Rapid Prototyping Journal</i> , 2022, 28, 1374-1381.	1.6	1
77	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.	0.4	1
78	Management of Hypertensive Crisis Emergency: A Case Report. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2010, 10, 183.	0.1	0
79	A lateral approach to the maxillary sinus for simultaneous extraction of an ankylosed maxillary molar and sinus graft: a case report. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2012, 38, 110.	0.3	0
80	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.	0.4	0
81	Diplopia after Inferior Alveolar Nerve Block Anesthesia: A Case Report. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2007, 7, 131.	0.1	0
82	Paresthesia After Inferior Alveolar Nerve Block Anesthesia for Implant Surgery on Mandibular Lateral Incisor. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2013, 13, 39.	0.1	0
83	Computer Controlled Local Anesthesia Delivery: Literature Review. <i>Journal of the Korean Dental Society of Anesthesiology</i> , 2013, 13, 179.	0.1	0
84	House Dust Mite Extract Induces PLC/IP3-dependent Ca <sup>2+</sup> Signaling and IL-8 Expression in Human Gingival Epithelial Cells. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2015, 40, 11-17.	0.1	0
85	Assessment of Bone Quality in Pre-dental Implant Site Using Periapical, Panoramic and Computed Tomography. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2018, 22, 80-86.	0.3	0
86	Combined Sinus Floor and Alveolar Ridge Augmentation Simultaneously Performed with Extraction of Ankylosed Maxillary Molar: A Case Report. <i>The Korean Academy of Oral and Maxillofacial Implantology</i> , 2020, 24, 83-92.	0.3	0