

Yoon Jeong 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.

85
papers

945
citations

15
h-index

27
g-index

87
ext. papers

1,264
ext. citations

2.4
avg, IF

4.38
L-index

#	Paper	IF	Citations
85	Thermo-mechanical properties of 3D printed photocurable shape memory resin for clear aligners.. <i>Scientific Reports</i> , 2022 , 12, 6246	4.9	2
84	Differences in mandibular condyle and glenoid fossa morphology in relation to vertical and sagittal skeletal patterns: A cone-beam computed tomography study. <i>Korean Journal of Orthodontics</i> , 2021 , 51, 126-134	1.4	3
83	A fully deep learning model for the automatic identification of cephalometric landmarks. <i>Imaging Science in Dentistry</i> , 2021 , 51, 299-306	2.2	2
82	Survival and prognostic factors of managing cracked teeth with reversible pulpitis: A 1- to 4-year prospective cohort study. <i>International Endodontic Journal</i> , 2021 , 54, 1727-1737	5.4	1
81	Diagnosis of obstructive sleep apnea with prediction of flow characteristics according to airway morphology automatically extracted from medical images: Computational fluid dynamics and artificial intelligence approach. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 208, 106243	6.9	1
80	BBS7-SHH Signaling Activity Regulates Primary Cilia for Periodontal Homeostasis.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 796274	5.7	0
79	Transcriptional Expression in Human Periodontal Ligament Cells Subjected to Orthodontic Force: An RNA-Sequencing Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
78	Three-dimensional Application of Orthodontic Miniscrews and Their Long-term Stability 2020 , 327-335		1
77	Long-term stability of miniscrew anchored maxillary molar distalization in Class II treatment. <i>Angle Orthodontist</i> , 2020 , 90, 362-368	2.6	9
76	The effect of cetirizine, a histamine 1 receptor antagonist, on bone remodeling after calvarial suture expansion. <i>Korean Journal of Orthodontics</i> , 2020 , 50, 42-51	1.4	1
75	Effects of soft tissue grafting prior to orthodontic treatment on preventing gingival recession in dogs. <i>Journal of Periodontal and Implant Science</i> , 2020 , 50, 226-237	2	1
74	Posterior dental compensation and occlusal function in adults with different sagittal skeletal malocclusions. <i>Korean Journal of Orthodontics</i> , 2020 , 50, 98-107	1.4	
73	Analysis of the Effects of MARME Treatment on Respiratory Flow Using the Lattice-Boltzmann Method. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , 2020 , 853-863	0.3	5
72	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type. <i>PLoS ONE</i> , 2020 , 15, e0239759	3.7	1
71	Miniscrew-assisted rapid palatal expansion: A review of recent reports. <i>Journal of the World Federation of Orthodontists</i> , 2020 , 9, S54-S58	1.2	5
70	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type 2020 , 15, e0239759		
69	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type 2020 , 15, e0239759		

68	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type 2020 , 15, e0239759		
67	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type 2020 , 15, e0239759		
66	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type 2020 , 15, e0239759		
65	Simulation of miniscrew-root distance available for molar distalization depending on the miniscrew insertion angle and vertical facial type 2020 , 15, e0239759		
64	A longitudinal comparison of body height growth of orthodontically treated Class I and Class III adolescents compared with the general population. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019 , 156, 383-390	2.1	
63	Dynamics of alveolar bone healing after the removal of orthodontic temporary anchorage devices. <i>Journal of Periodontal Research</i> , 2019 , 54, 388-395	4.3	1
62	Diagnosis and Surgical Outcomes of Facial Asymmetry According to the Occlusal Cant and Menton Deviation. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019 , 77, 1261-1275	1.8	8
61	Periodontal and root changes after orthodontic treatment in middle-aged adults are similar to those in young adults. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019 , 155, 650-655. ^{2,1}	2.1	3
60	A prospective, split-mouth, clinical study of orthodontic titanium miniscrews with machined and acid-etched surfaces. <i>Angle Orthodontist</i> , 2019 , 89, 411-417	2.6	5
59	Anchorage loss assessment of the indirect anchor tooth during adjunctive orthodontic treatment. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019 , 155, 347-354	2.1	5
58	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
57	Computational analysis of airflow dynamics for predicting collapsible sites in the upper airways: machine learning approach. <i>Journal of Applied Physiology</i> , 2019 , 127, 959-973	3.7	6
56	Predictors of midpalatal suture expansion by miniscrew-assisted rapid palatal expansion in young adults: A preliminary study. <i>Korean Journal of Orthodontics</i> , 2019 , 49, 360-371	1.4	13
55	Computational analysis of airflow dynamics for predicting collapsible sites in the upper airways: a preliminary study. <i>Journal of Applied Physiology</i> , 2019 , 126, 330-340	3.7	4
54	Evaluations of the tongue and hyoid bone positions and pharyngeal airway dimensions after maxillary protraction treatment. <i>Cranio - Journal of Craniomandibular Practice</i> , 2019 , 37, 214-222	1.2	5
53	Risk factors associated with open gingival embrasures after orthodontic treatment. <i>Angle Orthodontist</i> , 2018 , 88, 267-274	2.6	4
52	Prediction of mandibular movement and its center of rotation for nonsurgical correction of anterior open bite via maxillary molar intrusion. <i>Angle Orthodontist</i> , 2018 , 88, 538-544	2.6	9
51	Three-dimensional evaluation of dentofacial transverse widths of adults with various vertical facial patterns. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018 , 153, 692-700	2.1	8

50	Assessment of changes in the nasal airway after nonsurgical miniscrew-assisted rapid maxillary expansion in young adults. <i>Angle Orthodontist</i> , 2018 , 88, 435-441	2.6	27
49	Quantitative and perceived visual changes of the nasolabial fold following orthodontic retraction of lip protrusion. <i>Angle Orthodontist</i> , 2018 , 88, 465-473	2.6	3
48	Model Analysis of Digital Models in Moderate to Severe Crowding: In Vivo Validation and Clinical Application. <i>BioMed Research International</i> , 2018 , 2018, 8414605	3	10
47	Dentofacial transverse development in Koreans according to skeletal maturation: A cross-sectional study. <i>Korean Journal of Orthodontics</i> , 2018 , 48, 39-47	1.4	7
46	Apical root displacement is a critical risk factor for apical root resorption after orthodontic treatment. <i>Angle Orthodontist</i> , 2018 , 88, 740-747	2.6	9
45	Assessment of lower incisor alveolar bone width using cone-beam computed tomography images in skeletal Class III adults of different vertical patterns. <i>Korean Journal of Orthodontics</i> , 2018 , 48, 349-356	1.4	11
44	Three-dimensional evaluation of dentofacial transverse widths in adults with different sagittal facial patterns. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018 , 154, 365-374	2.1	5
43	Ectopic eruption of the maxillary second molar: Predictive factors. <i>Angle Orthodontist</i> , 2017 , 87, 583-589	2.6	6
42	Strut analysis for osteoporosis detection model using dental panoramic radiography. <i>Dentomaxillofacial Radiology</i> , 2017 , 46, 20170006	3.9	39
41	Prediction of long-term success of orthopedic treatment in skeletal Class III malocclusions. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017 , 152, 193-203	2.1	18
40	Accuracy of 3-Dimensional Virtual Surgical Simulation Combined With Digital Teeth Alignment: A Pilot Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 2441.e1-2441.e13	1.8	15
39	Local Injection of Hyaluronic Acid Filler Improves Open Gingival Embrasure: Validation Through a Rat Model. <i>Journal of Periodontology</i> , 2017 , 88, 1221-1230	4.6	13
38	Unpredictability of soft tissue changes after camouflage treatment of Class II division 1 malocclusion with maximum anterior retraction using miniscrews. <i>Angle Orthodontist</i> , 2017 , 87, 230-238	2.6	6
37	Effects of bodily retraction of mandibular incisors versus mandibular setback surgery on pharyngeal airway space: A comparative study. <i>Korean Journal of Orthodontics</i> , 2017 , 47, 344-352	1.4	5
36	Skeletal and dentoalveolar changes after miniscrew-assisted rapid palatal expansion in young adults: A cone-beam computed tomography study. <i>Korean Journal of Orthodontics</i> , 2017 , 47, 77-86	1.4	63
35	Long-term survival of retained deciduous mandibular second molars and maxillary canine incorporated into final occlusion. <i>Korean Journal of Orthodontics</i> , 2017 , 47, 323-333	1.4	4
34	Stability of dental, alveolar, and skeletal changes after miniscrew-assisted rapid palatal expansion. <i>Korean Journal of Orthodontics</i> , 2017 , 47, 313-322	1.4	36
33	Morphologic evaluation of the incisive canal and its proximity to the maxillary central incisors using computed tomography images. <i>Angle Orthodontist</i> , 2016 , 86, 571-6	2.6	10

32	Long-term changes in mandibular and facial widths after mandibular setback surgery using intraoral vertical ramus osteotomy. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2016 , 45, 1074-80	2.9	13
31	Cephalometric configuration of the occlusal plane in patients with anterior open bite. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 149, 391-400	2.1	9
30	Prognostic Factors for Clinical Outcomes in Autotransplantation of Teeth with Complete Root Formation: Survival Analysis for up to 12 Years. <i>Journal of Endodontics</i> , 2016 , 42, 198-205	4.7	53
29	Orthodontic Traction of the Impacted Mandibular Third Molars to Replace Severely Resorbed Mandibular Second Molars. <i>Journal of Korean Dental Science</i> , 2016 , 9, 42-48		
28	Authors' response. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 149, 10-1	2.1	
27	Rescue therapy with orthodontic traction to manage severely impacted mandibular second molars and to restore an alveolar bone defect. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 150, 352-63	2.1	4
26	Histomorphometric evaluation of maxillary molar roots and surrounding periodontium following molar intrusion in rats. <i>Orthodontics and Craniofacial Research</i> , 2015 , 18, 12-20	3	7
25	Consecutive condylectomy and molar intrusion using temporary anchorage devices as an alternative for correcting facial asymmetry with condylar hyperplasia. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015 , 147, S109-21	2.1	10
24	Cross-sectional evaluation of the prevalence and factors associated with soft tissue scarring after the removal of miniscrews. <i>Angle Orthodontist</i> , 2015 , 85, 420-6	2.6	7
23	Approximation and contact of the maxillary central incisor roots with the incisive canal after maximum retraction with temporary anchorage devices: Report of 2 patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015 , 148, 493-502	2.1	19
22	Scar formation and revision after the removal of orthodontic miniscrews. <i>Korean Journal of Orthodontics</i> , 2015 , 45, 146-50	1.4	4
21	Periodontal consequences of mandibular incisor proclination during presurgical orthodontic treatment in Class III malocclusion patients. <i>Angle Orthodontist</i> , 2015 , 85, 427-33	2.6	20
20	Orthodontic retraction of autotransplanted premolar to replace ankylosed maxillary incisor with replacement resorption. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014 , 145, 514-22	2.1	8
19	Two-year follow-up of changes in bite force and occlusal contact area after intraoral vertical ramus osteotomy with and without Le Fort I osteotomy. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2014 , 43, 742-7	2.9	15
18	Long-term pharyngeal airway changes after bionator treatment in adolescents with skeletal Class II malocclusions. <i>Korean Journal of Orthodontics</i> , 2014 , 44, 13-9	1.4	27
17	Biomechanical characteristics and reinsertion guidelines for retrieved orthodontic miniscrews. <i>Angle Orthodontist</i> , 2014 , 84, 878-84	2.6	11
16	Autotransplantation combined with orthodontic treatment to restore an adult's posttraumatic dentition. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013 , 144, 268-77	2.1	4
15	Local injection of pulp cells enhances wound healing during the initial proliferative phase through the stimulation of host angiogenesis. <i>Journal of Endodontics</i> , 2013 , 39, 788-94	4.7	14

14	Effects of placement angle and direction of orthopedic force application on the stability of orthodontic miniscrews. <i>Angle Orthodontist</i> , 2013 , 83, 667-73	2.6	19
13	Skeletal myogenic differentiation of human periodontal ligament stromal cells isolated from orthodontically extracted premolars. <i>Korean Journal of Orthodontics</i> , 2012 , 42, 249-54	1.4	15
12	The relationship between malocclusion and menarcheal age, and its secular trend for Korean women. <i>Korean Journal of Orthodontics</i> , 2012 , 42, 11-6	1.4	1
11	Treatment of skeletal open-bite malocclusion with lymphangioma of the tongue. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012 , 141, 627-40	2.1	7
10	Total distalization of the maxillary arch in a patient with skeletal Class II malocclusion. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 139, 823-33	2.1	27
9	Total alloplastic temporomandibular joint reconstruction combined with orthodontic treatment in a patient with idiopathic condylar resorption. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 140, 404-17	2.1	11
8	Radiographic evaluations of molar intrusion and changes with or without retention in rats. <i>Angle Orthodontist</i> , 2011 , 81, 389-96	2.6	8
7	Changes in occlusal force and occlusal contact area after orthodontic treatment. <i>Korean Journal of Orthodontics</i> , 2010 , 40, 176	1.4	5
6	Comparisons of occlusal force according to occlusal relationship, skeletal pattern, age and gender in Koreans. <i>Korean Journal of Orthodontics</i> , 2010 , 40, 304	1.4	15
5	Changes of hyoid, tongue and pharyngeal airway after mandibular setback surgery by intraoral vertical ramus osteotomy. <i>Angle Orthodontist</i> , 2010 , 80, 302-8	2.6	47
4	Absolute anchorage with universal T-loop mechanics for severe deepbite and maxillary anterior protrusion and its 10-year stability. <i>Angle Orthodontist</i> , 2010 , 80, 583-94	2.6	2
3	Long-term stability of anterior open-bite treatment by intrusion of maxillary posterior teeth. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010 , 138, 396.e1-396.e9	2.1	102
2	Photocatalytic antibacterial effect of TiO ₂ film of TiAg on <i>Streptococcus mutans</i> . <i>Angle Orthodontist</i> , 2009 , 79, 528-32	2.6	25
1	Esthetic segmental retraction of maxillary anterior teeth with a palatal appliance and orthodontic mini-implants. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007 , 131, 537-44	2.1	37