

# Chooryung Chung

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

1,448  
citations

331538

21  
h-index

414303

32  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	The pattern and prevalence of hypodontia in Koreans. <i>Oral Diseases</i> , 2008, 14, 620-625.	1.5	135
2	Changes of Hyoid, Tongue and Pharyngeal Airway after Mandibular Setback Surgery by Intraoral Vertical Ramus Osteotomy. <i>Angle Orthodontist</i> , 2010, 80, 302-308.	1.1	57
3	Effects of Occlusal Stimuli on Alveolar/Jaw Bone Formation. <i>Journal of Dental Research</i> , 2007, 86, 47-51.	2.5	54
4	Immune Tolerance of Human Dental Pulp-Derived Mesenchymal Stem Cells Mediated by CD4 <sup>+</sup> CD25 <sup>+</sup> FoxP3 <sup>+</sup> Regulatory T-Cells and Induced by TGF- $\beta$ 1 and IL-10. <i>Yonsei Medical Journal</i> , 2017, 58, 1031.	0.9	51
5	Nasal Changes after Surgical Correction of Skeletal Class III Malocclusion in Koreans. <i>Angle Orthodontist</i> , 2008, 78, 427-432.	1.1	50
6	OPN deficiency suppresses appearance of odontoclastic cells and resorption of the tooth root induced by experimental force application. <i>Journal of Cellular Physiology</i> , 2008, 214, 614-620.	2.0	43
7	Periodontal consequences of mandibular incisor proclination during presurgical orthodontic treatment in Class III malocclusion patients. <i>Angle Orthodontist</i> , 2015, 85, 427-433.	1.1	42
8	Effects of two fast-setting calcium-silicate cements on cell viability and angiogenic factor release in human pulp-derived cells. <i>Odontology / the Society of the Nippon Dental University</i> , 2016, 104, 143-151.	0.9	39
9	Morphological Characteristics of the Symphyseal Region in Adult Skeletal Class III Crossbite and Openbite Malocclusions. <i>Angle Orthodontist</i> , 2008, 78, 38-43.	1.1	36
10	Long-term pharyngeal airway changes after bionator treatment in adolescents with skeletal Class II malocclusions. <i>Korean Journal of Orthodontics</i> , 2014, 44, 13.	0.8	36
11	Transverse dental compensation in relation to sagittal and transverse skeletal discrepancies in skeletal Class III patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 148-156.	0.8	34
12	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.	0.8	31
13	Thermo-mechanical properties of 3D printed photocurable shape memory resin for clear aligners. <i>Scientific Reports</i> , 2022, 12, 6246.	1.6	31
14	Photocatalytic Antibacterial Effect of TiO <sub>2</sub> Film of TiAg on <i>Streptococcus mutans</i> . <i>Angle Orthodontist</i> , 2009, 79, 528-532.	1.1	30
15	Effects of placement angle and direction of orthopedic force application on the stability of orthodontic miniscrews. <i>Angle Orthodontist</i> , 2013, 83, 667-673.	1.1	30
16	Treatment satisfaction and its influencing factors among adult orthodontic patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018, 153, 808-817.	0.8	29
17	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, 742-747.	0.7	26
18	Comparisons of occlusal force according to occlusal relationship, skeletal pattern, age and gender in Koreans. <i>Korean Journal of Orthodontics</i> , 2010, 40, 304.	0.8	24

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19	Prediction of long-term success of orthopedic treatment in skeletal Class III malocclusions. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 152, 193-203.	0.8	24
20	Local Injection of Hyaluronic Acid Filler Improves Open Gingival Embrasure: Validation Through a Rat Model. Journal of Periodontology, 2017, 88, 1221-1230.	1.7	24
21	Morphologic evaluation of the incisive canal and its proximity to the maxillary central incisors using computed tomography images. Angle Orthodontist, 2016, 86, 571-576.	1.1	23
22	Total intrusion and distalization of the maxillary arch to improve smile esthetics. Korean Journal of Orthodontics, 2017, 47, 59.	0.8	22
23	Three-dimensional evaluation of dentofacial transverse widths in adults with different sagittal facial patterns. American Journal of Orthodontics and Dentofacial Orthopedics, 2018, 154, 365-374.	0.8	22
24	Assessment of lower incisor alveolar bone width using cone-beam computed tomography images in skeletal Class III adults of different vertical patterns. Korean Journal of Orthodontics, 2018, 48, 349.	0.8	22
25	Assessment of masticatory function in patients with non-sagittal occlusal discrepancies. Journal of Oral Rehabilitation, 2015, 42, 2-9.	1.3	19
26	Changes in occlusal function after extraction of premolars: 2-year follow-up. Angle Orthodontist, 2017, 87, 703-708.	1.1	19
27	Skeletal myogenic differentiation of human periodontal ligament stromal cells isolated from orthodontically extracted premolars. Korean Journal of Orthodontics, 2012, 42, 249.	0.8	18
28	Apical root displacement is a critical risk factor for apical root resorption after orthodontic treatment. Angle Orthodontist, 2018, 88, 740-747.	1.1	17
29	Total alloplastic temporomandibular joint reconstruction combined with orthodontic treatment in a patient with idiopathic condylar resorption. American Journal of Orthodontics and Dentofacial Orthopedics, 2011, 140, 404-417.	0.8	16
30	Comparison of different midsagittal plane configurations for evaluating craniofacial asymmetry by expert preference. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 152, 788-797.	0.8	16
31	Risk factors associated with open gingival embrasures after orthodontic treatment. Angle Orthodontist, 2018, 88, 267-274.	1.1	16
32	Three-dimensional evaluation of dentofacial transverse widths of adults with various vertical facial patterns. American Journal of Orthodontics and Dentofacial Orthopedics, 2018, 153, 692-700.	0.8	16
33	Local Injection of Pulp Cells Enhances Wound Healing during the Initial Proliferative Phase through the Stimulation of Host Angiogenesis. Journal of Endodontics, 2013, 39, 788-794.	1.4	15
34	Biomechanical characteristics and reinsertion guidelines for retrieved orthodontic miniscrews. Angle Orthodontist, 2014, 84, 878-884.	1.1	15
35	Long-term changes in mandibular and facial widths after mandibular setback surgery using intraoral vertical ramus osteotomy. International Journal of Oral and Maxillofacial Surgery, 2016, 45, 1074-1080.	0.7	14
36	Local injection of RANKL facilitates tooth movement and alveolar bone remodelling. Oral Diseases, 2019, 25, 550-560.	1.5	14

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37	Visual attention during the evaluation of facial attractiveness is influenced by facial angles and smile. <i>Angle Orthodontist</i> , 2018, 88, 329-337.	1.1	13
38	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.	1.7	13
39	Local application of periodontal ligament stromal cells promotes soft tissue regeneration. <i>Oral Diseases</i> , 2014, 20, 574-581.	1.5	12
40	Orthodontic retraction of autotransplanted premolar to replace ankylosed maxillary incisor with replacement resorption. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014, 145, 514-522.	0.8	12
41	Long-term Stability of Autotransplanted Premolars as a Substitute for Molars in Adults. <i>Journal of Endodontics</i> , 2016, 42, 1286-1290.	1.4	12
42	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.	0.8	12
43	The success and effectiveness of miniscrew-assisted rapid palatal expansion are age- and sex-dependent. <i>Clinical Oral Investigations</i> , 2021, , 1.	1.4	12
44	Histomorphometric evaluation of maxillary molar roots and surrounding periodontium following molar intrusion in rats. <i>Orthodontics and Craniofacial Research</i> , 2015, 18, 12-20.	1.2	11
45	Local myogenic pulp-derived cell injection enhances craniofacial muscle regeneration in vivo. <i>Orthodontics and Craniofacial Research</i> , 2017, 20, 35-43.	1.2	11
46	Quantitative and perceived visual changes of the nasolabial fold following orthodontic retraction of lip protrusion. <i>Angle Orthodontist</i> , 2018, 88, 465-473.	1.1	11
47	Dentofacial transverse development in Koreans according to skeletal maturation: A cross-sectional study. <i>Korean Journal of Orthodontics</i> , 2018, 48, 39.	0.8	11
48	The 3-dimensional zone of the center of resistance of the mandibular posterior teeth segment. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019, 156, 365-374.	0.8	11
49	Comparison of condylar position in orthognathic surgery cases treated with virtual surgical planning vs. conventional model planning. <i>Orthodontics and Craniofacial Research</i> , 2019, 22, 142-148.	1.2	11
50	Incisive canal remodelling following maximum anterior retraction reduces apical root resorption. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 59-65.	1.2	11
51	Deep Learning-Based Prediction of the 3D Postorthodontic Facial Changes. <i>Journal of Dental Research</i> , 2022, 101, 1372-1379.	2.5	11
52	Bone formation and tooth movement are synergistically enhanced by administration of EP4 agonist. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 132, 427.e13-427.e20.	0.8	10
53	Changes in occlusal force and occlusal contact area after orthodontic treatment. <i>Korean Journal of Orthodontics</i> , 2010, 40, 176.	0.8	10
54	Cross-sectional evaluation of the prevalence and factors associated with soft tissue scarring after the removal of miniscrews. <i>Angle Orthodontist</i> , 2015, 85, 420-426.	1.1	10

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55	Ectopic eruption of the maxillary second molar: Predictive factors. Angle Orthodontist, 2017, 87, 583-589.	1.1	10
56	Vertical control by combining a monoblock appliance in adult class III overclosure treatment. Angle Orthodontist, 2006, 76, 226-35.	1.1	10
57	Radiographic evaluations of molar intrusion and changes with or without retention in rats. Angle Orthodontist, 2011, 81, 389-396.	1.1	9
58	Differential alveolar bone modeling after orthodontic retraction. Journal of the American Dental Association, 2019, 150, 313-320.	0.7	9
59	Treatment of skeletal open-bite malocclusion with lymphangioma of the tongue. American Journal of Orthodontics and Dentofacial Orthopedics, 2012, 141, 627-640.	0.8	8
60	Periodontal and root changes after orthodontic treatment in middle-aged adults are similar to those in young adults. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 155, 650-655.e2.	0.8	8
61	Anchorage loss assessment of the indirect anchor tooth during adjunctive orthodontic treatment. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 155, 347-354.	0.8	8
62	A 15-year follow up of an orthodontic treatment including a lower incisor extraction and keeping the maxillary canineâ€œpremolar transposition. Angle Orthodontist, 2019, 89, 812-826.	1.1	7
63	Morphologic changes of the incisive canal and its proximity to maxillary incisor roots after anterior tooth movement. American Journal of Orthodontics and Dentofacial Orthopedics, 2022, 161, 396-403.e1.	0.8	7
64	Scar formation and revision after the removal of orthodontic miniscrews. Korean Journal of Orthodontics, 2015, 45, 146.	0.8	6
65	Rescue therapy with orthodontic traction to manage severely impacted mandibular second molars and to restore an alveolar bone defect. American Journal of Orthodontics and Dentofacial Orthopedics, 2016, 150, 352-363.	0.8	6
66	Change in masticatory ability with the implant restoration of second molars. Journal of Prosthetic Dentistry, 2014, 111, 286-292.	1.1	5
67	Nonsurgical and nonprosthetic camouflage treatment of skeletal Class II open bite with bilaterally missing lower first molars. Angle Orthodontist, 2019, 89, 505-517..	1.1	5
68	Autotransplantation combined with orthodontic treatment to restore an adult's posttraumatic dentition. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 144, 268-277.	0.8	4
69	Long-term survival of retained deciduous mandibular second molars and maxillary canine incorporated into final occlusion. Korean Journal of Orthodontics, 2017, 47, 323.	0.8	4
70	The effect of cetirizine, a histamine 1 receptor antagonist, on bone remodeling after calvarial suture expansion. Korean Journal of Orthodontics, 2020, 50, 42.	0.8	4
71	Absolute anchorage with universal t-loop mechanics for severe deepbite and maxillary anterior protrusion and its 10-year stability. Angle Orthodontist, 2010, 80, 771-782.	1.1	3
72	The comparison of torque values in two types of miniscrews placed in rabbits: tapered and cylindrical shapes - Preliminary study. Korean Journal of Orthodontics, 2011, 41, 280.	0.8	3

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73	Comparison of temporomandibular joint shape and size in patients with facial asymmetry. <i>Oral Radiology</i> , 2019, 35, 251-259.	0.9	3
74	Nonsurgical treatment of an adult with a skeletal Class III malocclusion combined with a functional anterior shift, severely overclosed vertical dimension, and a reverse smile. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020, 157, 561-570.	0.8	3
75	Comparison of the bite force and occlusal contact area of the deviated and non-deviated sides after intraoral vertical ramus osteotomy in skeletal Class III patients with mandibular asymmetry: Two-year follow-up. <i>Korean Journal of Orthodontics</i> , 2022, 52, 172-181.	0.8	3
76	The relationship between malocclusion and menarcheal age, and its secular trend for Korean women. <i>Korean Journal of Orthodontics</i> , 2012, 42, 11.	0.8	2
77	Posterior dental compensation and occlusal function in adults with different sagittal skeletal malocclusions. <i>Korean Journal of Orthodontics</i> , 2020, 50, 98.	0.8	2
78	Differences in the perception of needs and demands for orthodontic treatment between Koreans and Japanese. <i>Orthodontic Waves</i> , 2007, 66, 9-14.	0.2	1
79	Dynamics of alveolar bone healing after the removal of orthodontic temporary anchorage devices. <i>Journal of Periodontal Research</i> , 2019, 54, 388-395.	1.4	1
80	Comparison of peri-implant marginal bone level changes between tapered and straight implant designs: 5-year follow-up results. <i>Journal of Periodontal and Implant Science</i> , 2021, 51, 422.	0.9	1
81	Effect of initial placement level and wall thickness on maintenance of the marginal bone level in implants with a conical implant-abutment interface: a 5-year retrospective study. <i>Journal of Periodontal and Implant Science</i> , 2019, 49, 185.	0.9	1
82	Observation of an extracted premolar 2.5 years after mineral trioxide aggregate apexification using micro-computed tomography. <i>Restorative Dentistry &amp; Endodontics</i> , 2020, 45, e4.	0.6	1
83	Authors' response. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 149, 10-11.	0.8	0
84	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.	0.8	0
85	Authors' response. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020, 158, 474.	0.8	0
86	Esthetic Improvement of the Maxillary Anterior Teeth during the Ten Years after Single-Implant Restoration Replacing an Ankylosed Maxillary Central Incisor in a Class II Malocclusion. <i>Clinical Journal of Korean Association of Orthodontists</i> , 2020, 10, 239-250.	0.1	0