

# Yoon-Ah Kook

## List of Publications by Year in descending order

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98  
papers

1,748  
citations

304368

22  
h-index

344852

36  
g-index

102  
all docs

102  
docs citations

102  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palatal bone thickness compared with cone-beam computed tomography in adolescents and adults for mini-implant placement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 142, 207-212.	0.8	79
2	Stress distribution and displacement by different bone-borne palatal expanders with micro-implants: a three-dimensional finite-element analysis. <i>European Journal of Orthodontics</i> , 2014, 36, 531-540.	1.1	76
3	Comparison of arch forms between Korean and North American white populations. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2004, 126, 680-686.	0.8	70
4	Effect of frequent laser irradiation on orthodontic pain. <i>Angle Orthodontist</i> , 2013, 83, 611-616.	1.1	65
5	Treatment effects of a modified palatal anchorage plate for distalization evaluated with cone-beam computed tomography. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014, 146, 47-54.	0.8	59
6	Distalization of the mandibular dentition with mini-implants to correct a Class III malocclusion with a midline deviation. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 137, 135-146.	0.8	58
7	Comparison of arch forms between Egyptian and North American white populations. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 139, e245-e252.	0.8	57
8	Comparison of alveolar bone loss around incisors in normal occlusion samples and surgical skeletal Class III patients. <i>Angle Orthodontist</i> , 2012, 82, 645-652.	1.1	56
9	Effect of bone-borne rapid maxillary expanders with and without surgical assistance on the craniofacial structures using finite element analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2014, 145, 638-648.	0.8	54
10	Comparison of tooth displacement between buccal mini-implants and palatal plate anchorage for molar distalization: a finite element study. <i>European Journal of Orthodontics</i> , 2014, 36, 394-402.	1.1	52
11	Evaluation of palatal bone density in adults and adolescents for application of skeletal anchorage devices. <i>Angle Orthodontist</i> , 2012, 82, 625-631.	1.1	50
12	Distalization of the mandibular dentition with a ramal plate for skeletal Class III malocclusion correction. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 150, 364-377.	0.8	39
13	Skeletal and dental effects of molar distalization using a modified palatal anchorage plate in adolescents. <i>Angle Orthodontist</i> , 2015, 85, 657-664.	1.1	38
14	A comparison of treatment effects of total arch distalization using modified C-palatal plate vs buccal miniscrews. <i>Angle Orthodontist</i> , 2018, 88, 45-51.	1.1	38
15	Displacement and stress distribution of the maxillofacial complex during maxillary protraction with buccal versus palatal plates: finite element analysis. <i>European Journal of Orthodontics</i> , 2015, 37, 275-283.	1.1	33
16	Clinical application of accelerated osteogenic orthodontics and partially osseointegrated mini-implants for minor tooth movement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 136, 431-439.	0.8	29
17	Evaluation of the palatal soft tissue thickness by cone-beam computed tomography. <i>Korean Journal of Orthodontics</i> , 2012, 42, 291.	0.8	29
18	A three-dimensional finite element analysis of molar distalization with a palatal plate, pendulum, and headgear according to molar eruption stage. <i>Korean Journal of Orthodontics</i> , 2016, 46, 290.	0.8	28

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19	A three-dimensional photogrammetric analysis of the facial esthetics of the Miss Korea pageant contestants. <i>Korean Journal of Orthodontics</i> , 2017, 47, 87.	0.8	28
20	Biomechanical analysis for total distalization of the mandibular dentition: A finite element study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019, 155, 388-397.	0.8	28
21	Comparison of treatment effects between the modified C-palatal plate and cervical pull headgear for total arch distalization in adults. <i>Korean Journal of Orthodontics</i> , 2017, 47, 375.	0.8	27
22	Palatal Soft Tissue Thickness at Different Ages Using an Ultrasonic Device. <i>Journal of Clinical Pediatric Dentistry</i> , 2012, 36, 405-409.	0.5	26
23	Comparison between dental and basal arch forms in normal occlusion and Class III malocclusions utilizing cone-beam computed tomography. <i>Korean Journal of Orthodontics</i> , 2013, 43, 15.	0.8	26
24	Short-term cone-beam computed tomography evaluation of maxillary third molar changes after total arch distalization in adolescents. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2019, 155, 191-197.	0.8	24
25	En-masse retraction with a preformed nickel-titanium and stainless steel archwire assembly and temporary skeletal anchorage devices without posterior bonding. <i>Korean Journal of Orthodontics</i> , 2014, 44, 236.	0.8	23
26	Orthodontic uprighting of a horizontally impacted third molar and protraction of mandibular second and third molars into the missing first molar space for a patient with posterior crossbites. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 572-582.	0.8	23
27	Comparison of treatment effects between four premolar extraction and total arch distalization using the modified C-palatal plate. <i>Korean Journal of Orthodontics</i> , 2018, 48, 224.	0.8	23
28	Correction of severe bimaxillary protrusion with first premolar extractions and total arch distalization with palatal anchorage plates. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 148, 310-320.	0.8	22
29	Displacement and stress distribution by different bone-borne palatal expanders with facemask: A 3-dimensional finite element analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 105-117.	0.8	22
30	Application of palatal plate for nonextraction treatment in an adolescent boy with severe overjet. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 152, 859-869.	0.8	22
31	Treatment effects of mandibular total arch distalization using a ramal plate. <i>Korean Journal of Orthodontics</i> , 2016, 46, 212.	0.8	21
32	Evaluation of the facial dimensions of young adult women with a preferred facial appearance. <i>Korean Journal of Orthodontics</i> , 2015, 45, 253.	0.8	19
33	Vertical eruption patterns of impacted mandibular third molars after the mesialization of second molars using miniscrews. <i>Angle Orthodontist</i> , 2016, 86, 565-570.	1.1	19
34	Distalization of maxillary molars using temporary skeletal anchorage devices: A systematic review and meta-analysis. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 103-112.	1.2	19
35	Sagittal correction of adolescent patients with modified palatal anchorage plate appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 148, 674-684.	0.8	17
36	Three-dimensional evaluation of maxillary dentoalveolar changes and airway space after distalization in adults. <i>Angle Orthodontist</i> , 2018, 88, 187-194.	1.1	17

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37	Overjet at the Anterior and Posterior Segments: Three-Dimensional Analysis of Arch Coordination. Angle Orthodontist, 2009, 79, 495-501.	1.1	16
38	Comparison of overjet among 3 arch types in normal occlusion. American Journal of Orthodontics and Dentofacial Orthopedics, 2011, 139, e253-e260.	0.8	16
39	Comparison of mandibular arch forms of Korean and Vietnamese patients by using facial axis points on three-dimensional models. Korean Journal of Orthodontics, 2013, 43, 288.	0.8	16
40	Analysis of Alveolar Bone Morphology of the Maxillary Central and Lateral Incisors with Normal Occlusion. Medicina (Lithuania), 2019, 55, 565.	0.8	15
41	Treatment stability after total maxillary arch distalization with modified C-palatal plates in adults. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 156, 832-839.	0.8	15
42	Total maxillary arch distalization with modified C-palatal plates in adolescents: A long-term study using cone-beam computed tomography. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 159, 470-479.	0.8	15
43	New approach of maxillary protraction using modified C-palatal plates in Class III patients. Korean Journal of Orthodontics, 2015, 45, 209.	0.8	14
44	Biomechanical analysis for total mesialization of the mandibular dentition: A finite element study. Orthodontics and Craniofacial Research, 2019, 22, 329-336.	1.2	14
45	Biomechanical analysis for total distalization of the maxillary dentition: A finite element study. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 160, 259-265.	0.8	14
46	Palatal <i>en-masse</i> retraction of segmented maxillary anterior teeth: A finite element study. Korean Journal of Orthodontics, 2019, 49, 188.	0.8	13
47	Displacement of mandibular dentition during total arch distalization according to locations and types of TSAD s: 3D Finite element analysis. Orthodontics and Craniofacial Research, 2019, 22, 46-52.	1.2	12
48	Three-dimensional evaluation of the relationship between dental and basal arch forms in normal occlusion. Korean Journal of Orthodontics, 2011, 41, 288.	0.8	11
49	Topographic analysis of the mandibular symphysis in a normal occlusion population using cone-beam computed tomography. Experimental and Therapeutic Medicine, 2015, 10, 2150-2156.	0.8	11
50	New classification of lingual arch form in normal occlusion using three dimensional virtual models. Korean Journal of Orthodontics, 2015, 45, 74.	0.8	11
51	Comparison of tooth movement and biological response in corticotomy and micro-osteoperforation in rabbits. Korean Journal of Orthodontics, 2019, 49, 205.	0.8	11
52	Comparison of treatment effects after total mandibular arch distalization with miniscrews vs ramal plates in patients with Class III malocclusion. American Journal of Orthodontics and Dentofacial Orthopedics, 2022, 161, 529-536.	0.8	11
53	Histologic effects of intentional-socket-assisted orthodontic movement in rabbits. Korean Journal of Orthodontics, 2012, 42, 207.	0.8	10
54	Effect of Frequent Application of Low-Level Laser Therapy on Corticotomized Tooth Movement in Dogs: A Pilot Study. Journal of Oral and Maxillofacial Surgery, 2014, 72, 1182.e1-1182.e12.	0.5	10

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55	Self-Perception of the Facial Profile: An Aid in Treatment Planning for Orthognathic Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 773-778.	0.5	10
56	Factors associated with the maxillary third molar position after total arch distalization using a modified C-palatal plate in adolescents. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 31-38.	1.2	10
57	Long-term evaluation of maxillary molar position after distalization using modified C-palatal plates in patients with and without second molar eruption. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 160, 853-861.	0.8	10
58	Comparison of facial esthetic standards between Latin American and Asian populations using 3D stereophotogrammetric analysis. <i>Journal of the World Federation of Orthodontists</i> , 2020, 9, 129-136.	0.9	9
59	Biomechanical considerations for total distalization of the mandibular dentition in the treatment of Class III malocclusion. <i>Seminars in Orthodontics</i> , 2020, 26, 148-156.	0.8	9
60	Comparison of treatment effects from total arch distalization using modified C-palatal plates versus maxillary premolar extraction in Class II patients with severe overjet. <i>Orthodontics and Craniofacial Research</i> , 2022, 25, 119-127.	1.2	9
61	Dental and skeletal effects after total arch distalization using modified C-palatal plate on hypo- and hyperdivergent Class II malocclusions in adolescents. <i>Angle Orthodontist</i> , 2021, 91, 22-29.	1.1	9
62	Clinical applications and treatment outcomes with modified C-palatal plates. <i>Seminars in Orthodontics</i> , 2018, 24, 45-51.	0.8	8
63	Distalization with a modified C-palatal plate for severe upper crowding and a missing lower incisor. <i>Korean Journal of Orthodontics</i> , 2020, 50, 52.	0.8	8
64	Use of artificial intelligence to predict outcomes of nonextraction treatment of Class II malocclusions. <i>Seminars in Orthodontics</i> , 2021, 27, 87-95.	0.8	8
65	A modified palatal anchorage plate for simple and efficient distalization. <i>Journal of Clinical Orthodontics: JCO</i> , 2010, 44, 719-30; quiz 743.	0.1	8
66	Biomechanical considerations for total distalization of the maxillary dentition using TSADs. <i>Seminars in Orthodontics</i> , 2020, 26, 139-147.	0.8	7
67	Displacement and stress distribution of the maxillofacial complex during maxillary protraction using palatal plates: A three-dimensional finite element analysis. <i>Korean Journal of Orthodontics</i> , 2018, 48, 304.	0.8	6
68	Comparison of Treatment Effects with Modified C-Palatal Plates vs Greenfield Molar Distalizer Appliances in Adolescents. <i>Journal of Clinical Pediatric Dentistry</i> , 2020, 44, 202-208.	0.5	6
69	A conservative approach for an adult patient with a fractured tooth and crowding: Autotransplantation at the fracture site. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 234-245.	0.8	6
70	Effectiveness of 2D radiographs in detecting CBCT-based incidental findings in orthodontic patients. <i>Scientific Reports</i> , 2021, 11, 9280.	1.6	6
71	The effect of western adaptation of Hispanic-Americans on their assessment of Korean facial profiles. <i>Korean Journal of Orthodontics</i> , 2014, 44, 28.	0.8	5
72	The Improvement and Completion of Outcome index: A new assessment system for quality of orthodontic treatment. <i>Korean Journal of Orthodontics</i> , 2016, 46, 199.	0.8	5

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73	Biomechanical analysis for total mesialization of the maxillary dentition: A finite element study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 790-798.	0.8	5
74	Evaluation of arch form between Vietnamese and North American Caucasians using 3-dimensional virtual models. <i>Anthropologischer Anzeiger</i> , 2015, 72, 223-234.	0.2	4
75	Development of a maxillomandibular arch form based on the center of resistance of teeth using cone-beam computed tomography. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 161, 208-219.	0.8	4
76	Comparison of the frontal esthetic preferences in the lower facial portion of Koreans and Caucasians. <i>World Journal of Orthodontics</i> , 2009, 10, 111-6.	0.2	4
77	Evaluation of facial asymmetry with three-dimensional cone-beam computed tomography. <i>Journal of Clinical Orthodontics: JCO</i> , 2011, 45, 112-5; quiz 92.	0.1	4
78	Common dental anomalies in Korean orthodontic patients: An update. <i>Korean Journal of Orthodontics</i> , 2022, 52, 324-333.	0.8	4
79	Effects of alveolar bone displacement with segmental osteotomy: micro-CT and histomorphometric analysis in rats. <i>Brazilian Oral Research</i> , 2016, 30, e132.	0.6	3
80	Changes in maximum lip-closing force after extraction and nonextraction orthodontic treatments. <i>Korean Journal of Orthodontics</i> , 2020, 50, 120.	0.8	3
81	Comparison of the effects of horizontal and vertical micro-osteoperforations on the biological response and tooth movement in rabbits. <i>Korean Journal of Orthodontics</i> , 2021, 51, 304-312.	0.8	3
82	Comparison of arch form between Koreans and Egyptians. <i>Korean Journal of Orthodontics</i> , 2010, 40, 334.	0.8	3
83	Treatment effects after maxillary total arch distalization using a modified C-palatal plate in patients with Class II malocclusion with sinus pneumatization. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2022, 162, 469-476.	0.8	3
84	The effects of a corticotomy on space closure by molar protraction using TSADs in patients with missing mandibular first molars. <i>Orthodontics and Craniofacial Research</i> , 2021, , .	1.2	2
85	Correction of an adult Class III malocclusion through regaining of orthodontic space and an implant restoration. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 297-308.	1.8	2
86	Space regaining with modified palatal anchorage plates. <i>Journal of Clinical Orthodontics: JCO</i> , 2015, 49, 587-95.	0.1	2
87	Correction of Bimaxillary Protrusion after Extraction of Hopeless Mandibular Posterior Teeth and Molar Protraction. <i>Journal of Clinical Orthodontics: JCO</i> , 2017, 51, 353-359.	0.1	2
88	Accuracy of a surface-based fusion method when integrating digital models and the cone beam computed tomography scans with metal artifacts. <i>Scientific Reports</i> , 2022, 12, 8034.	1.6	2
89	The global distribution of permanent canine hypodontia: A systematic review. <i>Korean Journal of Orthodontics</i> , 2021, 51, 55-74.	0.8	1
90	Adjunctive surgery after total arch distalization to optimize esthetics. <i>APOS Trends in Orthodontics</i> , 0, 10, 185-190.	0.1	1

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91	Simplified abutment tooth extrusion using a mini-implant. World Journal of Orthodontics, 2010, 11, 387-92.	0.2	1
92	The Biocreative Strategy. Part 3: Extraction treatment. Journal of Clinical Orthodontics: JCO, 2018, 52, 388-407.	0.1	1
93	Correction of severe bimaxillary protrusion with first premolar extractions and total arch distalization with palatal anchorage plates. AJO-DO Clinical Companion, 2022, 2, 108-111.	0.1	1
94	Long-Term CBCT Evaluation of Mandibular Third Molar Changes after Distalization in Adolescents. Applied Sciences (Switzerland), 2022, 12, 4613.	1.3	1
95	Response to the Letter. Angle Orthodontist, 2019, 89, 835-835.	1.1	0
96	Correction of sagittal relationship using mandibular anterior segmental osteotomy for middle-aged adults. The Journal of Indian Orthodontic Society, 2017, 51, 38-42.	0.2	0
97	Simplified, fog-free intraoral photography. Journal of Clinical Orthodontics: JCO, 2008, 42, 101-2.	0.1	0
98	3D digital applications of the modified C-palatal plate for molar distalization.. Journal of Clinical Orthodontics: JCO, 2021, 55, 773-781.	0.1	0