

Shin-Jae Lee

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,600
citations

172457

29
h-index

206112

48
g-index

80
all docs

80
docs citations

80
times ranked

2569
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental antimicrobial orthodontic adhesives using nanofillers and silver nanoparticles. <i>Dental Materials</i> , 2009, 25, 206-213.	3.5	272
2	Bone thickness of the palate for orthodontic mini-implant anchorage in adults. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 131, S74-S81.	1.7	175
3	Automated identification of cephalometric landmarks: Part 1—Comparisons between the latest deep-learning methods YOLOV3 and SSD. <i>Angle Orthodontist</i> , 2019, 89, 903-909.	2.4	125
4	Automated Identification of Cephalometric Landmarks: Part 2— Might It Be Better Than human? <i>Angle Orthodontist</i> , 2020, 90, 69-76.	2.4	114
5	Prognostic Factors for Clinical Outcomes According to Time after Direct Pulp Capping. <i>Journal of Endodontics</i> , 2013, 39, 327-331.	3.1	101
6	Correction of deep overbite and gummy smile by using a mini-implant with a segmented wire in a growing Class II Division 2 patient. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006, 130, 676-685.	1.7	90
7	Rotational Resistance of Surface-Treated Mini-Implants. <i>Angle Orthodontist</i> , 2009, 79, 899-907.	2.4	90
8	Survival analysis of orthodontic mini-implants. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 137, 194-199.	1.7	79
9	Prevalence of cariogenic streptococci on incisor brackets detected by polymerase chain reaction. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 131, 736-741.	1.7	59
10	Quantitative analysis of adhesion of cariogenic streptococci to orthodontic raw materials. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008, 133, 882-888.	1.7	59
11	Extensive Surgical Procedures Result in Better Treatment Outcomes for Bisphosphonate-Related Osteonecrosis of the Jaw in Patients With Osteoporosis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 1404-1413.	1.2	56
12	Surface Characteristics of Orthodontic Materials and Their Effects on Adhesion of Mutans streptococci. <i>Angle Orthodontist</i> , 2009, 79, 353-360.	2.4	51
13	How to report reliability in orthodontic research: Part 1. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 144, 156-161.	1.7	51
14	Effects of implant geometry and surface treatment on osseointegration after functional loading: a dog study. <i>Journal of Oral Rehabilitation</i> , 2008, 35, 229-236.	3.0	48
15	Surface characteristics of orthodontic adhesives and effects on streptococcal adhesion. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 137, 489-495.	1.7	48
16	The relationship between implant stability quotient values and implant insertion variables: a clinical study. <i>Journal of Oral Rehabilitation</i> , 2012, 39, 151-159.	3.0	44
17	Quantitative determination of adhesion patterns of cariogenic streptococci to various orthodontic brackets. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2007, 132, 815-821.	1.7	43
18	Directed Induction of Functional Motor Neuron-Like Cells from Genetically Engineered Human Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e35244.	2.5	42

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19	Relapse after SSRO for mandibular setback movement in relation to the amount of mandibular setback and intraoperative clockwise rotation of the proximal segment. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 811-815.	1.7	42
20	Three-dimensional biometric study of palatine rugae in children with a mixed-model analysis: A 9-year longitudinal study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 141, 590-597.	1.7	41
21	Classification of the skeletal variation in normal occlusion. <i>Angle Orthodontist</i> , 2005, 75, 311-9.	2.4	40
22	Comparison of the Reliability of $\pm 0.5^\circ$ and $\pm 1^\circ$ APEX Mark Measurements in Two Frequency-based Electronic Apex Locators. <i>Journal of Endodontics</i> , 2011, 37, 49-52.	3.1	39
23	A biometric study of C-shaped root canal systems in mandibular second molars using cone-beam computed tomography. <i>International Endodontic Journal</i> , 2012, 45, 807-814.	5.0	37
24	Method to classify dental arch forms. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011, 140, 87-96.	1.7	34
25	Fracture Strength Study of Internally Connected Zirconia Abutments Reinforced with Titanium Inserts. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 346-350.	1.4	34
26	Evaluation of automated cephalometric analysis based on the latest deep learning method. <i>Angle Orthodontist</i> , 2021, 91, 329-335.	2.4	34
27	How much deep learning is enough for automatic identification to be reliable?. <i>Angle Orthodontist</i> , 2020, 90, 823-830.	2.4	34
28	A More Accurate Method of Predicting Soft Tissue Changes After Mandibular Setback Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, e553-e562.	1.2	31
29	Patient compliance and locus of control in orthodontic treatment: A prospective study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008, 133, 354-358.	1.7	30
30	Experimental salivary pellicles on the surface of orthodontic materials. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2001, 119, 59-66.	1.7	29
31	Clinical use of alumina-toughened zirconia abutments for implant-supported restoration: prospective cohort study of survival analysis. <i>Clinical Oral Implants Research</i> , 2013, 24, 517-522.	4.5	29
32	How to report reliability in orthodontic research: Part 2. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 144, 315-318.	1.7	29
33	Modern trends in Class III orthognathic treatment: A time series analysis. <i>Angle Orthodontist</i> , 2017, 87, 269-278.	2.4	28
34	Analysis of surface roughness and surface free energy characteristics of various orthodontic materials. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 136, 668-674.	1.7	27
35	The relationship between temporomandibular joint disk displacement and mandibular asymmetry in skeletal Class III patients. <i>Angle Orthodontist</i> , 2011, 81, 624-631.	2.4	26
36	Effects of different fluoride recharging protocols on fluoride ion release from various orthodontic adhesives. <i>Journal of Dentistry</i> , 2011, 39, 196-201.	4.1	26

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37	A better statistical method of predicting postsurgery soft tissue response in Class II patients. Angle Orthodontist, 2014, 84, 322-328.	2.4	23
38	Modified Titanium Implant as a Gateway to the Human Body: The Implant Mediated Drug Delivery System. BioMed Research International, 2014, 2014, 1-6.	1.9	21
39	Predicting soft tissue changes after orthognathic surgery: <i>The sparse partial least squares method</i>. Angle Orthodontist, 2019, 89, 910-916.	2.4	21
40	Use of mini-implants to avoid maxillary surgery for Class III mandibular prognathic patient: a long-term post-retention case. Korean Journal of Orthodontics, 2014, 44, 342.	2.3	20
41	A more accurate soft-tissue prediction model for Class III 2-jaw surgeries. American Journal of Orthodontics and Dentofacial Orthopedics, 2014, 146, 724-733.	1.7	20
42	Transverse implications of maxillary premolar extraction in Class III presurgical orthodontic treatment. American Journal of Orthodontics and Dentofacial Orthopedics, 2006, 129, 740-748.	1.7	19
43	Cluster analysis of tooth size in subjects with normal occlusion. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 132, 796-800.	1.7	19
44	Survival analysis of a miniplate and tube device designed to provide skeletal anchorage. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 144, 349-356.	1.7	19
45	Comparison of implant component fractures in external and internal type: A 12-year retrospective study. Journal of Advanced Prosthodontics, 2018, 10, 155.	2.6	19
46	Early stature prediction method using stature growth parameters. Annals of Human Biology, 2008, 35, 509-517.	1.0	18
47	Three-Dimensional Computed Tomographic Assessment of Temporomandibular Joint Stability After Orthognathic Surgery. Journal of Oral and Maxillofacial Surgery, 2016, 74, 1454-1462.	1.2	17
48	Orthodontic Effects on Dentofacial Morphology in Women with Bilateral TMJ Disk Displacement. Angle Orthodontist, 2007, 77, 288-295.	2.4	15
49	Cellular responses on anodized titanium discs after laser irradiation. Lasers in Surgery and Medicine, 2008, 40, 738-742.	2.1	15
50	Three-dimensional analysis of tooth movement after intrusion of a supraerupted molar using a mini-implant with partial-fixed orthodontic appliances. Angle Orthodontist, 2013, 83, 274-279.	2.4	14
51	Testing a better method of predicting postsurgery soft tissue response in Class II patients: A prospective study and validity assessment. Angle Orthodontist, 2015, 85, 597-603.	2.4	14
52	Ankyrin Repeat-Rich Membrane Spanning/Kidins220 Protein Interacts with Mammalian Septin 5. Molecules and Cells, 2010, 30, 143-148.	2.6	12
53	Variation of the intermaxillary tooth-size relationship in normal occlusion. European Journal of Orthodontics, 2011, 33, 9-14.	2.4	12
54	Comparison of cephalometric norms between Mongolian and Korean adults with normal occlusions and well-balanced profiles. Korean Journal of Orthodontics, 2011, 41, 42.	2.3	12

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55	Do Class III patients have a different growth spurt than the general population?. American Journal of Orthodontics and Dentofacial Orthopedics, 2012, 142, 679-689.	1.7	12
56	Digital veneering system enhances microtensile bond strength at zirconia coreveneer interface. Dental Materials Journal, 2014, 33, 792-798.	1.8	12
57	A three-dimensional analysis of the perceived proportions of maxillary anterior teeth. Acta Odontologica Scandinavica, 2012, 70, 432-440.	1.6	11
58	A sparse principal component analysis of Class III malocclusions. Angle Orthodontist, 2019, 89, 768-774.	2.4	11
59	Comparison of a synthetic bone substitute composed of carbonated apatite with an anorganic bovine xenograft in particulate forms in a canine maxillary augmentation model. Clinical Oral Implants Research, 2010, 21, 1334-1344.	4.5	10
60	Healing response of cortical and cancellous bone around titanium implants. International Journal of Oral and Maxillofacial Implants, 2009, 24, 655-62.	1.4	10
61	Effects of periodic fluoride treatment on fluoride ion release from fresh orthodontic adhesives. Journal of Dentistry, 2011, 39, 788-794.	4.1	9
62	How to test validity in orthodontic research: A mixed dentition analysis example. American Journal of Orthodontics and Dentofacial Orthopedics, 2015, 147, 272-279.	1.7	9
63	Time series analysis of patients seeking orthodontic treatment at Seoul National University Dental Hospital over the past decade. Korean Journal of Orthodontics, 2017, 47, 298.	2.3	9
64	Investigation of Postoperative Complications of Intrabony Cystic Lesions in the Oral and Maxillofacial Region. Journal of Oral and Maxillofacial Surgery, 2019, 77, 1823-1831.	1.2	8
65	Evaluation of an automated superimposition method for computer-aided cephalometrics. Angle Orthodontist, 2020, 90, 390-396.	2.4	7
66	Likelihood ratio tests of correlated multivariate samples. Journal of Multivariate Analysis, 2010, 101, 541-554.	1.0	6
67	Time series analysis. American Journal of Orthodontics and Dentofacial Orthopedics, 2022, 161, 605-608.	1.7	6
68	Distribution-free tests of mean vectors and covariance matrices for multivariate paired data. Metrika, 2012, 75, 833-854.	0.8	5
69	Evaluation of an automated superimposition method based on multiple landmarks for growing patients. Angle Orthodontist, 2022, 92, 226-232.	2.4	5
70	Mixed dentition analysis using a multivariate approach. Korean Journal of Orthodontics, 2009, 39, 112.	2.3	4
71	Time-saving fixed lingual retainer using DuraLay resin transfer. American Journal of Orthodontics and Dentofacial Orthopedics, 2004, 125, 203-205.	1.7	3
72	Quantitative analysis of mutans streptococci adhesion to various orthodontic bracket materials in vivo. Korean Journal of Orthodontics, 2009, 39, 105.	2.3	3

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73	Virtually-Planned Orthognathic Surgery Achieves an Accurate Condylar Position. Journal of Oral and Maxillofacial Surgery, 2021, 79, 1146.e1-1146.e25.	1.2	3
74	Assessment of reliability in orthodontic literature:. Angle Orthodontist, 2022, 92, 409-414.	2.4	3
75	Finding standard dental arch forms from a nationwide standard occlusion study using a Gaussian functional mixture model. Journal of the Korean Statistical Society, 2015, 44, 477-489.	0.4	2
76	Convenient removal of orthodontic mini-implants. American Journal of Orthodontics and Dentofacial Orthopedics, 2007, 131, S90-S91.	1.7	1
77	Accelerated Tooth Movement and Temporary Skeletal Anchorage Devices (TSADs). International Journal of Dentistry, 2014, 2014, 1-2.	1.5	1
78	Investigation of anodized titanium implants coated with triterpenoids extracted from black cohosh: an animal study. Journal of Advanced Prosthodontics, 2014, 6, 14.	2.6	1
79	Bootstrap method to evaluate tightness of clusters with application to the Korean standard occlusion study. Journal of Statistical Computation and Simulation, 2014, 84, 360-372.	1.2	1
80	A Comparison of Testing Methods for Equality of Survival Distributions with Interval Censored Data. Ungyong T'onggye Yon'gu = the Korean Journal of Applied Statistics, 2012, 25, 423-434.	0.1	1