

# Kyung-Hoe Huh

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,030  
citations

535685

17  
h-index

591227

27  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Detection of Teeth and Dental Treatment Patterns on Dental Panoramic Radiographs Using Deep Neural Networks. <i>Forensic Sciences Research</i> , 2022, 7, 456-466.	0.9	12
2	Correlation analysis between radiation exposure and the image quality of cone-beam computed tomography in the dental clinical environment. <i>Imaging Science in Dentistry</i> , 2022, 52, 283.	0.6	2
3	Developing a clinical presentation dental education model and a pilot test. <i>European Journal of Dental Education</i> , 2021, 25, 78-85.	1.0	0
4	Radiographic features of cleidocranial dysplasia on panoramic radiographs. <i>Imaging Science in Dentistry</i> , 2021, 51, 271.	0.6	8
5	Peri-Implant Bone Loss Measurement Using a Region-Based Convolutional Neural Network on Dental Periapical Radiographs. <i>Journal of Clinical Medicine</i> , 2021, 10, 1009.	1.0	39
6	Panoptic Segmentation on Panoramic Radiographs: Deep Learning-Based Segmentation of Various Structures Including Maxillary Sinus and Mandibular Canal. <i>Journal of Clinical Medicine</i> , 2021, 10, 2577.	1.0	22
7	QCBCT-NET for direct measurement of bone mineral density from quantitative cone-beam CT: a human skull phantom study. <i>Scientific Reports</i> , 2021, 11, 15083.	1.6	18
8	Relationship of computed tomography-verified degenerative condylar morphology with temporomandibular joint disk displacement and sex. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, 132, 93-103.	0.2	4
9	Clinical characteristics of temporomandibular disorders presenting posterior open bite – A report of 12 cases. <i>Journal of Dental Sciences</i> , 2021, 16, 861-867.	1.2	2
10	A Complete Digital Workflow for Planning, Simulation, and Evaluation in Orthognathic Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 4000.	1.0	6
11	Changes in condylar dimensions in temporomandibular joints with disk displacement. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 129, 72-79.	0.2	23
12	Computed tomography imaging features of osteomyelitis of the jaw: comparison between antiresorptive medication-related conditions and medication-unrelated conditions. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 129, 629-634.	0.2	5
13	A rare acantholytic variant of squamous cell carcinoma of the maxilla. <i>Medicine (United States)</i> , 2020, 99, e21631.	0.4	5
14	Development of panorama resolution phantom for comprehensive evaluation of the horizontal and vertical resolution of panoramic radiography. <i>Scientific Reports</i> , 2020, 10, 16529.	1.6	4
15	Deep Learning Hybrid Method to Automatically Diagnose Periodontal Bone Loss and Stage Periodontitis. <i>Scientific Reports</i> , 2020, 10, 7531.	1.6	111
16	Correlation between spatial resolution and ball distortion rate of panoramic radiography. <i>BMC Medical Imaging</i> , 2020, 20, 68.	1.4	7
17	Therapeutic effect of intraductal saline irrigation in chronic obstructive sialadenitis. <i>BMC Oral Health</i> , 2020, 20, 86.	0.8	7
18	Automatic Reproduction of Natural Head Position Using a Portable 3D Scanner Based on Immediate Calibration. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 174.	1.3	3

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19	Automatic diagnosis for cysts and tumors of both jaws on panoramic radiographs using a deep convolution neural network. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20200185.	1.3	83
20	Long-term Changes of Temporomandibular Joint Osteoarthritis on Computed Tomography. <i>Scientific Reports</i> , 2020, 10, 6731.	1.6	32
21	Quantitative Augmented Reality-Assisted Free-Hand Orthognathic Surgery Using Electromagnetic Tracking and Skin-Attached Dynamic Reference. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 2175-2181.	0.3	8
22	Acquired facial lipoatrophy: A report of 3 cases with imaging features. <i>Imaging Science in Dentistry</i> , 2020, 50, 255.	0.6	0
23	Efficacy of the Monte Carlo method and dose reduction strategies in paediatric panoramic radiography. <i>Scientific Reports</i> , 2019, 9, 9691.	1.6	7
24	Performance of dental pattern analysis system with treatment chronology on panoramic radiography. <i>Forensic Science International</i> , 2019, 299, 229-234.	1.3	9
25	Clinical and panoramic radiographic features of osteomyelitis of the jaw: A comparison between antiresorptive medication-related and medication-unrelated conditions. <i>Imaging Science in Dentistry</i> , 2019, 49, 287.	0.6	9
26	Langerhans cell histiocytosis of the jaw, a mimicker of osteomyelitis on CT and MR images. <i>Medicine (United States)</i> , 2019, 98, e16331.	0.4	12
27	Clinico-radiologic features of molar-incisor malformation in a case series of 38 patients. <i>Medicine (United States)</i> , 2019, 98, e17356.	0.4	10
28	Real-time augmented model guidance for mandibular proximal segment repositioning in orthognathic surgery, using electromagnetic tracking. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 127-137.	0.7	17
29	Effects of energy level, reconstruction kernel, and tube rotation time on Hounsfield units of hydroxyapatite in virtual monochromatic images obtained with dual-energy CT. <i>Imaging Science in Dentistry</i> , 2019, 49, 273.	0.6	4
30	Steatocystoma multiplex: A case report of a rare entity. <i>Imaging Science in Dentistry</i> , 2019, 49, 317.	0.6	1
31	Multidetector computed tomography imaging characteristics of asymptomatic palatine tonsilloliths: a retrospective study on 3886 examinations. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 125, 693-698.	0.2	10
32	Craniofacial anomalies associated with spondyloenchondrodysplasia. <i>Medicine (United States)</i> , 2018, 97, e13644.	0.4	4
33	Development of a new ball-type phantom for evaluation of the image layer of panoramic radiography. <i>Imaging Science in Dentistry</i> , 2018, 48, 255.	0.6	7
34	Radiopacity of contemporary luting cements using conventional and digital radiography. <i>Imaging Science in Dentistry</i> , 2018, 48, 97.	0.6	6
35	Is the panoramic mandibular index useful for bone quality evaluation?. <i>Imaging Science in Dentistry</i> , 2017, 47, 87.	0.6	15
36	CT evaluation of underlying bone sclerosis in patients with oral squamous cell carcinoma: A preliminary retrospective study. <i>Imaging Science in Dentistry</i> , 2017, 47, 255.	0.6	2

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37	The development of a learning management system for dental radiology education: A technical report. <i>Imaging Science in Dentistry</i> , 2017, 47, 51.	0.6	9
38	Autonomous bone reposition around anatomical landmark for robot-assisted orthognathic surgery. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1980-1988.	0.7	24
39	A dose monitoring system for dental radiography. <i>Imaging Science in Dentistry</i> , 2016, 46, 103.	0.6	10
40	Contrast reference values in panoramic radiographic images using an arch-form phantom stand. <i>Imaging Science in Dentistry</i> , 2016, 46, 203.	0.6	3
41	The relationship between dental implant stability and trabecular bone structure using cone-beam computed tomography. <i>Journal of Periodontal and Implant Science</i> , 2016, 46, 116.	0.9	26
42	Three-dimensional assessment of condylar surface changes and remodeling after orthognathic surgery. <i>Imaging Science in Dentistry</i> , 2016, 46, 25.	0.6	7
43	Haemophilic pseudotumour in two parts of the maxilla: case report. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20150440.	1.3	11
44	Material decomposition with the multi-energy attenuation coefficient ratio by using a multiple discriminant analysis. <i>Journal of the Korean Physical Society</i> , 2016, 69, 231-240.	0.3	2
45	Accidental overextension of endodontic filling material in patients with neurologic complications: a retrospective case series. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20150394.	1.3	5
46	Automatic detection of osteoporosis based on hybrid genetic swarm fuzzy classifier approaches. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20160076.	1.3	32
47	Virtual skeletal complex model- and landmark-guided orthognathic surgery system. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 557-568.	0.7	17
48	Comparison of dosimetry methods for panoramic radiography: thermoluminescent dosimeter measurement versus personal computer-based Monte Carlo method calculation. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 322-329.	0.2	16
49	Volumetric quantification of bone-implant contact using micro-computed tomography analysis based on region-based segmentation. <i>Imaging Science in Dentistry</i> , 2015, 45, 7.	0.6	8
50	A new bite block for panoramic radiographs of anterior edentulous patients: A technical report. <i>Imaging Science in Dentistry</i> , 2015, 45, 117.	0.6	0
51	An advanced navigational surgery system for dental implants completed in a single visit: An in vitro study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 117-125.	0.7	16
52	Keratoameloblastoma: a case report and a review of the literature on its radiologic features. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 120, e219-e225.	0.2	6
53	Three-dimensional evaluation of human jaw bone microarchitecture: correlation between the microarchitectural parameters of cone beam computed tomography and micro-computer tomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 120, 762-770.	0.2	18
54	Texture analysis of mandibular cortical bone on digital dental panoramic radiographs for the diagnosis of osteoporosis in Korean women. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, 346-356.	0.2	80

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55	Comparison of the reproducibility of panoramic radiographs between dentulous and edentulous patients. <i>Imaging Science in Dentistry</i> , 2014, 44, 95.	0.6	3
56	The effect of radiographic imaging modalities and the observer's experience on postoperative maxillary cyst assessment. <i>Imaging Science in Dentistry</i> , 2014, 44, 301.	0.6	7
57	Primitive neuroectodermal tumor of the maxillary sinus in an elderly male: A case report and literature review. <i>Imaging Science in Dentistry</i> , 2014, 44, 307.	0.6	6
58	Bilateral postoperative maxillary cysts after orthognathic surgery: A case report. <i>Imaging Science in Dentistry</i> , 2014, 44, 321.	0.6	11
59	An integrated orthognathic surgery system for virtual planning and image-guided transfer without intermediate splint. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 2010-2017.	0.7	19
60	Three-dimensional natural head position reproduction using a single facial photograph based on the POSIT method. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 1315-1321.	0.7	23
61	Comparison of dental implant stabilities by impact response and resonance frequencies using artificial bone. <i>Medical Engineering and Physics</i> , 2014, 36, 715-720.	0.8	22
62	Direct and continuous localization of anatomical landmarks for image-guided orthognathic surgery. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 116, 402-410.	0.2	10
63	The three-dimensional microstructure of trabecular bone: Analysis of site-specific variation in the human jaw bone. <i>Imaging Science in Dentistry</i> , 2013, 43, 227.	0.6	36
64	Reference line-pair values of panoramic radiographs using an arch-form phantom stand to assess clinical image quality. <i>Imaging Science in Dentistry</i> , 2013, 43, 7.	0.6	7
65	A new method for the evaluation of dental implant stability using an inductive sensor. <i>Medical Engineering and Physics</i> , 2012, 34, 1247-1252.	0.8	9
66	Hard and soft tissue changes of osteomyelitis of the jaws on CT images. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 114, 118-126.	0.2	24
67	Fractal analysis of mandibular trabecular bone: optimal tile sizes for the tile counting method. <i>Imaging Science in Dentistry</i> , 2011, 41, 71.	0.6	16
68	Quantitative Evaluation of Patient Movement during Simulated Acquisition of Cephalometric Radiographs. <i>Journal of Digital Imaging</i> , 2011, 24, 552-559.	1.6	6
69	Relationship between two-dimensional and three-dimensional bone architecture in predicting the mechanical strength of the pig mandible. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 101, 363-373.	1.6	14
70	Quantitative analysis of errors in alveolar crest level caused by discrepant projection geometry in digital subtraction radiography: An in vivo study. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2005, 100, 750-755.	1.6	12