

# Kaan Orhan

## List of Publications by Year in descending order

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288  
papers

4,356  
citations

126907

33  
h-index

197818

49  
g-index

295  
all docs

295  
docs citations

295  
times ranked

3645  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of artificial intelligence for detecting periapical pathosis on cone-beam computed tomography scans. <i>International Endodontic Journal</i> , 2020, 53, 680-689.	5.0	147
2	Radiographic evaluation of third molar development in relation to chronological age among Turkish children and youth. <i>Forensic Science International</i> , 2007, 165, 46-51.	2.2	128
3	Evaluation of the mental foramen and accessory mental foramen in Turkish patients using cone-beam computed tomography images reconstructed from a volumetric rendering program. <i>Clinical Anatomy</i> , 2012, 25, 584-592.	2.7	104
4	Evaluation of bifid mandibular canals with cone-beam computed tomography in a Turkish adult population: a retrospective study. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 501-507.	1.2	98
5	Efficacy of low level laser therapy on neurosensory recovery after injury to the inferior alveolar nerve. <i>Head &amp; Face Medicine</i> , 2006, 2, 3.	2.1	86
6	A clinical and microbiological comparative study of deep carious lesion treatment in deciduous and young permanent molars. <i>Clinical Oral Investigations</i> , 2008, 12, 369-378.	3.0	78
7	Preparation and evaluation of clindamycin phosphate loaded chitosan/alginate polyelectrolyte complex film as mucoadhesive drug delivery system for periodontal therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 441-451.	4.0	74
8	Evaluation of root canal sealer filling quality using a single-cone technique in oval shaped canals: An <i>in vitro</i> Micro-CT study. <i>Scanning</i> , 2016, 38, 133-140.	1.5	73
9	A deep learning approach for dental implant planning in cone-beam computed tomography images. <i>BMC Medical Imaging</i> , 2021, 21, 86.	2.7	73
10	Comparison of linear and angular measurements using two-dimensional conventional methods and three-dimensional cone beam CT images reconstructed from a volumetric rendering program <i>in vivo</i> . <i>Dentomaxillofacial Radiology</i> , 2011, 40, 492-500.	2.7	68
11	Cone Beam CT Evaluation of Maxillary Sinus Septa Prevalence, Height, Location and Morphology in Children and an Adult Population. <i>Medical Principles and Practice</i> , 2013, 22, 47-53.	2.4	67
12	Cone beam computed tomography in dentomaxillofacial radiology: a two-decade overview. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20200145.	2.7	63
13	Cervical vertebral maturation assessment on lateral cephalometric radiographs using artificial intelligence: comparison of machine learning classifier models. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190441.	2.7	59
14	Low-level laser therapy of dentin hypersensitivity: a short-term clinical trial. <i>Lasers in Medical Science</i> , 2011, 26, 591-598.	2.1	56
15	Clinically applicable artificial intelligence system for dental diagnosis with CBCT. <i>Scientific Reports</i> , 2021, 11, 15006.	3.3	55
16	Comparison of intraoral radiography and cone-beam computed tomography for the detection of periodontal defects: an <i>in vitro</i> study. <i>BMC Oral Health</i> , 2015, 15, 64.	2.3	54
17	Micro-CT assessment of the sealing ability of three root canal filling techniques. <i>Journal of Oral Science</i> , 2015, 57, 361-366.	1.7	51
18	Three-dimensional evaluation of maxillary sinus volume in different age and sex groups using CBCT. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 1493-1499.	1.6	48

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19	Association between odontogenic conditions and maxillary sinus mucosal thickening: a retrospective CBCT study. <i>Clinical Oral Investigations</i> , 2019, 23, 123-131.	3.0	48
20	Micro-CT and nano-CT analysis of filling quality of three different endodontic sealers. <i>Dentomaxillofacial Radiology</i> , 2017, 46, 20170223.	2.7	47
21	Trabecular structure designation using fractal analysis technique on panoramic radiographs of patients with bisphosphonate intake: a preliminary study. <i>Oral Radiology</i> , 2019, 35, 23-28.	1.9	47
22	BMP-6 carrying metal organic framework-embedded in bioresorbable electrospun fibers for enhanced bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 120, 111738.	7.3	47
23	Correlation Between Bone Density and Angular Deviation of Implants Placed Using CT-Generated Surgical Guides. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1755-1761.	0.7	46
24	Cone beam CT evaluation of mandibular molar root canal morphology in a Turkish Cypriot population. <i>Clinical Oral Investigations</i> , 2016, 20, 2221-2226.	3.0	46
25	Artificial intelligence system for automatic deciduous tooth detection and numbering in panoramic radiographs. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20200172.	2.7	46
26	Prevalence and variations of pneumatized articular eminence: A study from Turkey. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2005, 99, 349-354.	1.4	45
27	Chitosan/collagen based biomimetic osteochondral tissue constructs: A growth factor-free approach. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 681-690.	7.5	43
28	Dentin Hypersensitivity: A Randomized Clinical Comparison of Three Different Agents in a Short-term Treatment Period. <i>Operative Dentistry</i> , 2009, 34, 392-398.	1.2	40
29	Comparison of altered signal intensity, position, and morphology of the TMJ disc in MR images corrected for variations in surface coil sensitivity. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 101, 515-522.	1.4	39
30	Stafne Bone Cavity in the Anterior Mandible. <i>Journal of Craniofacial Surgery</i> , 2010, 21, 1769-1775.	0.7	39
31	Evaluation of the sealing ability of different root canal sealers: a combined SEM and micro-CT study. <i>Journal of Applied Oral Science</i> , 2018, 26, e20160584.	1.8	39
32	Evaluation of Perimandibular Neurovascularization With Accessory Mental Foramina Using Cone-Beam Computed Tomography in Children. <i>Journal of Craniofacial Surgery</i> , 2013, 24, e365-e369.	0.7	38
33	Comparison of intraoral radiography and cone-beam computed tomography for the detection of horizontal root fractures: an in vitro study. <i>Clinical Oral Investigations</i> , 2014, 18, 285-292.	3.0	38
34	Evaluation of osseous changes in dental panoramic radiography of thalassemia patients using mandibular indexes and fractal size analysis. <i>Oral Radiology</i> , 2020, 36, 18-24.	1.9	37
35	Deep-learning approach for caries detection and segmentation on dental bitewing radiographs. <i>Oral Radiology</i> , 2022, 38, 468-479.	1.9	36
36	Radiographic evaluation of pneumatized articular eminence in a group of Turkish children. <i>Dentomaxillofacial Radiology</i> , 2006, 35, 365-370.	2.7	34

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37	Assessment of Volumetric Distortion Artifact in Filled Root Canals Using Different Cone-beam Computed Tomographic Devices. <i>Journal of Endodontics</i> , 2017, 43, 1517-1521.	3.1	34
38	Publication trends in micro-CT endodontic research: a bibliometric analysis over a 25-year period. <i>International Endodontic Journal</i> , 2021, 54, 343-353.	5.0	34
39	An artificial intelligence approach to automatic tooth detection and numbering in panoramic radiographs. <i>BMC Medical Imaging</i> , 2021, 21, 124.	2.7	34
40	Rhinolithiasis: An uncommon entity of the nasal cavity. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 101, e28-e32.	1.4	33
41	Comparative evaluation of cone beam CT and micro-CT on blooming artifacts in human teeth filled with bioceramic sealers. <i>Clinical Oral Investigations</i> , 2019, 23, 3267-3273.	3.0	33
42	Cone-Beam Computed Tomographic Evaluation of Spontaneously Healed Root Fracture. <i>Journal of Endodontics</i> , 2010, 36, 1584-1587.	3.1	32
43	Influence of the Quality of Endodontic Treatment and Coronal Restorations on the Prevalence of Apical Periodontitis in a Turkish Cypriot Population. <i>Medical Principles and Practice</i> , 2013, 22, 173-177.	2.4	32
44	Validation of cervical vertebral maturation stages: Artificial intelligence vs human observer visual analysis. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020, 158, e173-e179.	1.7	31
45	Evaluation of artificial intelligence for detecting impacted third molars on cone-beam computed tomography scans. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021, 122, 333-337.	1.3	31
46	Evaluation of the mandibular trabecular bone in patients with bruxism using fractal analysis. <i>Oral Radiology</i> , 2021, 37, 36-45.	1.9	31
47	A deep learning algorithm proposal to automatic pharyngeal airway detection and segmentation on CBCT images. <i>Orthodontics and Craniofacial Research</i> , 2021, 24, 117-123.	2.8	31
48	Investigation of the incidence of stylohyoid ligament calcifications with panoramic radiographs. <i>Journal of Investigative and Clinical Dentistry</i> , 2012, 3, 30-35.	1.8	30
49	Comparison of the influence of FOV sizes and different voxel resolutions for the assessment of periodontal defects. <i>Dentomaxillofacial Radiology</i> , 2015, 44, 20150070.	2.7	30
50	Association between burnout and depressive symptoms among Turkish dentists. <i>Journal of Dental Sciences</i> , 2016, 11, 353-359.	2.5	30
51	Evaluation of Threshold Values for Root Canal Filling Voids in Micro-CT and Nano-CT Images. <i>Scanning</i> , 2018, 2018, 1-6.	1.5	30
52	An artificial intelligence proposal to automatic teeth detection and numbering in dental bite-wing radiographs. <i>Acta Odontologica Scandinavica</i> , 2021, 79, 275-281.	1.6	29
53	Diagnostic charting of panoramic radiography using deep-learning artificial intelligence system. <i>Oral Radiology</i> , 2022, 38, 363-369.	1.9	29
54	Comparison of diagnostic methods for early interproximal caries detection with near-infrared light transillumination: an in vivo study. <i>BMC Oral Health</i> , 2017, 17, 130.	2.3	27

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55	Incidental findings on cone-beam computed tomographic images: paranasal sinus findings and nasal septum variations. <i>Oral Radiology</i> , 2018, 34, 40-48.	1.9	27
56	An anatomical variant: evaluation of accessory canals of the canalis sinuosus using cone beam computed tomography. <i>Folia Morphologica</i> , 2018, 77, 551-557.	0.8	27
57	A cone-beam computed tomography study of the anatomical relationships between mandibular teeth and the mandibular canal, with a review of the current literature. <i>Microscopy Research and Technique</i> , 2018, 81, 308-314.	2.2	26
58	Three-dimensional volumetric analysis of the maxillary sinus: a cone-beam computed tomography study. <i>Folia Morphologica</i> , 2020, 79, 557-562.	0.8	26
59	MR of 2270 TMJs: prevalence of radiographic presence of otomastoiditis in temporomandibular joint disorders. <i>European Journal of Radiology</i> , 2005, 55, 102-107.	2.6	24
60	Investigation of pneumatized articular eminence in orthodontic malocclusions. <i>Orthodontics and Craniofacial Research</i> , 2010, 13, 56-60.	2.8	24
61	A U-Net Approach to Apical Lesion Segmentation on Panoramic Radiographs. <i>BioMed Research International</i> , 2022, 2022, 1-7.	1.9	24
62	Impact of xerostomia on oral complaints in a group of elderly Turkish removable denture wearers. <i>Archives of Gerontology and Geriatrics</i> , 2009, 49, 263-267.	3.0	23
63	The Effect of Removable Partial Dentures on Alveolar Bone Resorption: A Retrospective Study with Cone-Beam Computed Tomography. <i>Journal of Prosthodontics</i> , 2013, 22, 42-48.	3.7	23
64	Two-dimensional lateral cephalometric evaluation of varying types of Class II subgroups on posterior airway space in postadolescent girls: a pilot study. <i>Journal of Orofacial Orthopedics</i> , 2013, 74, 18-27.	1.3	22
65	Cone-beam CT evaluation of root canal morphology of maxillary and mandibular premolars in a Turkish Cypriot population. <i>BDJ Open</i> , 2016, 2, 15006.	2.1	22
66	Effects of alpha-chloroic acid therapy on experimentally induced apical periodontitis: a biochemical, histopathological and micro-CT analysis. <i>International Endodontic Journal</i> , 2019, 52, 1317-1326.	5.0	22
67	Prevalence of anatomical variants in the clivus: fossa navicularis magna, canalis basilaris medianus, and craniopharyngeal canal. <i>Surgical and Radiologic Anatomy</i> , 2019, 41, 477-483.	1.2	22
68	The micro-CT evaluation of enamel-cement thickness, abrasion, and mineral density in teeth in the postmortem interval (PMI): new parameters for the determination of PMI. <i>International Journal of Legal Medicine</i> , 2020, 134, 645-653.	2.2	21
69	Micro-computed tomographic evaluation of the effects of pre-heating and sonic delivery on the internal void formation of bulk-fill composites. <i>Dental Materials Journal</i> , 2021, 40, 525-531.	1.8	20
70	Numb Chin Syndrome as a Manifestation of Possible Breast Cancer Metastasis Around Dental Implants. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 942-945.	0.7	19
71	Cross-sectional evaluation of the periapical status as related to quality of root canal fillings and coronal restorations in a rural adult male population of Turkey. <i>BMC Oral Health</i> , 2011, 11, 20.	2.3	19
72	Evaluation of the superior semicircular canal morphology using cone beam computed tomography: a possible correlation for temporomandibular joint symptoms. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 117, e280-e288.	0.4	19

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73	A retrospective analysis of prevalence and characteristics of pre-eruptive intracoronal resorption in unerupted teeth of the permanent dentition: a multicentre study. <i>International Endodontic Journal</i> , 2015, 48, 1069-1076.	5.0	19
74	AI-based automatic segmentation of craniomaxillofacial anatomy from CBCT scans for automatic detection of pharyngeal airway evaluations in OSA patients. <i>Scientific Reports</i> , 2022, 12, .	3.3	19
75	Temporomandibular joint osteochondritis dissecans: case report. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2006, 102, e41-e46.	1.4	18
76	Misdiagnosed fibrosarcoma of the mandible mimicking temporomandibular disorder: a rare condition. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 104, e26-e29.	1.4	18
77	Effect of Porous Titanium Granules on Bone Regeneration and Primary Stability in Maxillary Sinus. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 391-397.	0.7	18
78	Evaluation of hyaluronic matrix efficacy in sinus augmentation: a randomized-controlled histomorphometric and micro-computed tomography analysis. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2017, 46, 931-937.	1.5	18
79	SUCCESS OF ARTIFICIAL INTELLIGENCE SYSTEM IN DETERMINING ALVEOLAR BONE LOSS FROM DENTAL PANORAMIC RADIOGRAPHY IMAGES. <i>Cumhuriyet Dental Journal</i> , 2020, 23, 318-324.	0.3	18
80	Evaluation of the pterygoid hamulus morphology using cone beam computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, e48-e55.	1.4	17
81	Evaluation of Foramen Tympanicum Using Cone-Beam Computed Tomography in Orthodontic Malocclusions. <i>Journal of Craniofacial Surgery</i> , 2014, 25, e105-e109.	0.7	17
82	Evaluation of Calcium (Ca <sup>2+</sup> ) and Hydroxide (OH <sup>-</sup> ) Ion Diffusion Rates of Indirect Pulp Capping Materials. <i>International Journal of Artificial Organs</i> , 2017, 40, 641-646.	1.4	17
83	Evaluation of long-term hard tissue remodelling after skeletal class III orthognathic surgery: a systematic review. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2020, 49, 51-61.	1.5	17
84	Dental radiographic procedures during COVID-19 outbreak and normalization period: recommendations on infection control. <i>Oral Radiology</i> , 2020, 36, 395-399.	1.9	17
85	Comparison between Micro-Computed Tomography and Cone-Beam Computed Tomography in the Assessment of Bone Quality and a Long-Term Volumetric Study of the Augmented Sinus Grafted with an Albumin Impregnated Allograft. <i>Journal of Clinical Medicine</i> , 2020, 9, 303.	2.4	17
86	Evaluation of Optic Canal and Surrounding Structures Using Cone Beam Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 1327-1330.	0.7	16
87	Comparison of CBCT with different voxel sizes and intraoral scanner for detection of periodontal defects: an in vitro study. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190197.	2.7	16
88	Prevalence of oral abnormalities in a Turkish newborn population. <i>International Dental Journal</i> , 2011, 61, 90-100.	2.6	15
89	Survival Rate of Short, Locking Taper Implants with a Plateau Design: A 5-Year Retrospective Study. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	15
90	Comparative evaluation of shaping ability of two nickel-titanium rotary systems using cone beam computed tomography. <i>BMC Oral Health</i> , 2015, 15, 32.	2.3	15

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91	Morphometric Analysis of the Infraorbital Foramen, Canal and Groove Using Cone Beam CT: Considerations for Creating Artificial Organs. <i>International Journal of Artificial Organs</i> , 2016, 39, 28-36.	1.4	15
92	Association between pterygoid hamulus length and apnea hypopnea index in patients with obstructive sleep apnea: a combined three-dimensional cone beam computed tomography and polysomnographic study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 330-339.	0.4	15
93	Burnout and occupational participation among dentists with teaching responsibilities in universities. <i>Psychology, Health and Medicine</i> , 2017, 22, 693-700.	2.4	15
94	Development and Validation of a Magnetic Resonance Imaging-Based Machine Learning Model for TMJ Pathologies. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	15
95	Assessment of paranasal sinus parameters according to ancient skullsâ€™ gender and age by using cone-beam computed tomography. <i>Folia Morphologica</i> , 2019, 78, 344-350.	0.8	15
96	Metastasis of prostate carcinoma in the mandible manifesting as numb chin syndrome. <i>World Journal of Surgical Oncology</i> , 2014, 12, 401.	1.9	14
97	Evaluation of long-term hard tissue relapse following surgical orthodontic treatment in skeletal class II patients: A systematic review and meta-analysis. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2021, 50, 477-486.	1.5	14
98	A comparison of the fusion model of deep learning neural networks with human observation for lung nodule detection and classification. <i>British Journal of Radiology</i> , 2021, 94, 20210222.	2.2	14
99	Evaluating the effects of functional orthodontic treatment on mandibular osseous structure using fractal dimension analysis of dental panoramic radiographs. <i>Angle Orthodontist</i> , 2020, 90, 783-793.	2.4	14
100	3D Printed Biodegradable Polyurethaneurea Elastomer Recapitulates Skeletal Muscle Structure and Function. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5189-5205.	5.2	14
101	Non-surgical root canal treatment of Dens invaginatus: reports of three cases. <i>International Dental Journal</i> , 2006, 56, 17-21.	2.6	13
102	Magnetic resonance imaging evaluation of mandibular condyle bone marrow and temporomandibular joint disc signal intensity in anaemia patients. <i>Dentomaxillofacial Radiology</i> , 2009, 38, 247-254.	2.7	13
103	Micro-computed tomographic analysis of progression of artificial enamel lesions in primary and permanent teeth after resin infiltration. <i>Journal of Oral Science</i> , 2015, 57, 177-183.	1.7	13
104	Do Porous Titanium Granule Grafts Affect Bone Microarchitecture at Augmented Maxillary Sinus Sites? A Pilot Split-Mouth Human Study. <i>Implant Dentistry</i> , 2015, 24, 427-433.	1.3	13
105	Cone-beam computed tomography analysis of the vestibular surgical pathway to the palatine root of the maxillary first molar. <i>European Journal of Dentistry</i> , 2013, 07, 035-040.	1.7	12
106	Cone-beam CT evaluation of morphology, location, and course of mandibular incisive canal: considerations for implant treatment. <i>Oral Radiology</i> , 2014, 30, 64-75.	1.9	12
107	Comparison of Hand and Semiautomatic Tracing Methods for Creating Maxillofacial Artificial Organs using Sequences of Computed Tomography (CT) and Cone Beam Computed Tomography (CBCT) Images. <i>International Journal of Artificial Organs</i> , 2017, 40, 307-312.	1.4	12
108	Evaluation of a metal artifact reduction algorithm and an optimization filter in the estimation of peri-implant dehiscence defects by using cone beam computed tomography: an in-vitro study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 130, 209-216.	0.4	12



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109	Osseoperception following dental implant treatment: A systematic review. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 573-585.	3.0	12
110	Optimizing Chitosan/Collagen Type I/Nanohydroxyapatite Cross-linked Porous Scaffolds for Bone Tissue Engineering. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3843-3859.	2.9	12
111	Comparative evaluation of Ca(OH) <sub>2</sub> plus points and Ca(OH) <sub>2</sub> paste in apexification. <i>Dental Traumatology</i> , 2012, 28, 488-495.	2.0	11
112	Comparison of intraoral radiography and cone-beam computed tomography for the detection of vertical root fractures: an in vitro study. <i>Oral Radiology</i> , 2013, 29, 6-12.	1.9	11
113	Accuracy and reliability of enamel and dentin thickness measurements on micro-computed tomography and digital periapical radiographs#. <i>Journal of Forensic Radiology and Imaging</i> , 2019, 18, 32-36.	1.2	11
114	Is the maxillary sinus volume affected by concha bullosa, nasal septal deviation, and impacted teeth? A CBCT study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 277, 227-233.	1.6	11
115	Volumetric Cuspal Deflection of Premolars Restored With Different Paste-like Bulk-fill Resin Composites Evaluated by Microcomputed Tomography. <i>Operative Dentistry</i> , 2020, 45, 143-150.	1.2	11
116	Efficacy of Laser-Activated Irrigation and Conventional Techniques in Calcium Hydroxide Removal from Simulated Internal Resorption Cavities: Micro-CT Study. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 674-681.	1.4	11
117	Effect of tube potential and image receptor on the detection of natural proximal caries in primary teeth. <i>Clinical Oral Investigations</i> , 2011, 15, 901-907.	3.0	10
118	CBCT evaluation of multiple idiopathic internal resorptions in permanent molars: case report. <i>BMC Oral Health</i> , 2014, 14, 39.	2.3	10
119	Comparing the Effect of Different Voxel Resolutions for Assessment of Vertical Root-Fracture of Permanent Teeth. <i>Iranian Journal of Radiology</i> , 2015, 12, e18290.	0.2	10
120	Cone beam computed tomography evaluation of maxillary molar root canal morphology in a Turkish Cypriot population. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 145-150.	1.3	10
121	Cone-beam computed tomography evaluation of palatogingival grooves: a retrospective study with literature review. <i>Oral Radiology</i> , 2017, 33, 193-198.	1.9	10
122	Performance of a convolutional neural network algorithm for tooth detection and numbering on periapical radiographs. <i>Dentomaxillofacial Radiology</i> , 2022, 51, 20210246.	2.7	10
123	Comparison of linear and angular measurements in CBCT scans using 2D and 3D rendering software. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 777-784.	1.3	9
124	Comparison of the burr and chemically induced periodontal defects using different field-of-view sizes and voxel resolutions. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 125, 260-267.	0.4	9
125	Micro-computed tomography evaluation of internal void formation of bulk-fill resin composites in Class II restorations. <i>Polymer Composites</i> , 2019, 40, 2984-2992.	4.6	9
126	Evaluation of Denture Base Adaptation Fabricated Using Conventional, Subtractive, and Additive Technologies: A Volumetric Micro-Computed Tomography Analysis. <i>Journal of Prosthodontics</i> , 2021, 30, 257-263.	3.7	9



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127	Comparative evaluation of dentin volume removal and centralization of the root canal after shaping with the ProTaper Universal, ProTaper Gold, and One-Curve instruments using micro-CT. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2021, 15, 47-52.	1.0	9
128	Donor- and recipient-site morbidity of vascularized fibular and iliac flaps for mandibular reconstruction: A systematic review and meta-analysis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 1470-1479.	1.0	9
129	The effect of type 2 diabetes mellitus on changes in the fractal dimension of periapical lesion in teeth after root canal treatment: a fractal analysis study. <i>International Endodontic Journal</i> , 2021, 54, 181-189.	5.0	9
130	Anatomical characteristics of the lingual foramen in ancient skulls: a cone beam computed tomography study in an Anatolian population. <i>Folia Morphologica</i> , 2018, 77, 514-520.	0.8	9
131	MRI evaluation of the classification, frequency, and disc morphology of temporomandibular joint disc displacements: a multicenter retrospective study in a Turkish population. <i>Oral Radiology</i> , 2009, 25, 14-21.	1.9	8
132	Large arteriovenous malformation of the oromaxillofacial region with multiple phleboliths. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 114, e147-e158.	0.4	8
133	Evaluation of genial tubercle anatomy using cone beam computed tomography. <i>Journal of Oral Science</i> , 2015, 57, 151-156.	1.7	8
134	Three-dimensional cephalometric norms of Turkish Cypriots using CBCT images reconstructed from a volumetric rendering program in vivo. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 848-861.	0.9	8
135	Ultrasonographic and electromyographic evaluation of three types of occlusal splints on masticatory muscle activity, thickness, and length in patients with bruxism. <i>Cranio - Journal of Craniomandibular Practice</i> , 2023, 41, 59-68.	1.4	8
136	Comparison of Cone Beam Computed Tomography and ultrasonography with two types of probes in the detection of opaque and non-opaque foreign bodies. <i>Medical Ultrasonography</i> , 2018, 20, 467.	0.8	8
137	Effect of platelet-rich and platelet-poor plasma on peri-implant innervation in dog mandibles. <i>International Journal of Implant Dentistry</i> , 2019, 5, 40.	2.7	8
138	A CT-Based Radiomic Signature for the Differentiation of Pulmonary Hamartomas from Carcinoid Tumors. <i>Diagnostics</i> , 2022, 12, 416.	2.6	8
139	Detecting the presence of taurodont teeth on panoramic radiographs using a deep learning-based convolutional neural network algorithm. <i>Oral Radiology</i> , 2023, 39, 207-214.	1.9	8
140	Morphological Evaluation of Rat Incisor Enamel and Dentin Induced by Pregnancy and Lactation using A Scanning Electron Microscope. <i>Journal of Veterinary Medical Science</i> , 2009, 71, 1273-1277.	0.9	7
141	Cone beam computed tomography evaluation of mandibular canal anterior loop morphology and volume in a group of Turkish patients. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 346-353.	1.3	7
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