

Ibrahim Sevki Bayrakdar

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

812
citations

623734

14
h-index

552781

26
g-index

51
all docs

51
docs citations

51
times ranked

575
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	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
3	Fractal properties of the trabecular pattern of the mandible in chronic renal failure. <i>Dentomaxillofacial Radiology</i> , 2016, 45, 20150389.	2.7	61
4	Artificial intelligence system for automatic deciduous tooth detection and numbering in panoramic radiographs. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20200172.	2.7	46
5	Deep-learning approach for caries detection and segmentation on dental bitewing radiographs. <i>Oral Radiology</i> , 2022, 38, 468-479.	1.9	36
6	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
7	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
8	Diagnostic charting of panoramic radiography using deep-learning artificial intelligence system. <i>Oral Radiology</i> , 2022, 38, 363-369.	1.9	29
9	Cone beam computed tomography imaging of ponticulus posticus: prevalence, characteristics, and a review of the literature. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2014, 118, e210-e219.	0.4	27
10	A U-Net Approach to Apical Lesion Segmentation on Panoramic Radiographs. <i>BioMed Research International</i> , 2022, 2022, 1-7.	1.9	24
11	Evaluation of Sella Turcica Shape and Dimensions in Cleft Subjects Using Cone-Beam Computed Tomography. <i>Medical Principles and Practice</i> , 2017, 26, 280-285.	2.4	23
12	Morphometric Analysis of Sella Turcica Using Cone Beam Computed Tomography. <i>Journal of Craniofacial Surgery</i> , 2017, 28, e70-e74.	0.7	22
13	Cone beam computed tomography and ultrasonography imaging of benign intraosseous jaw lesion: a prospective radiopathological study. <i>Clinical Oral Investigations</i> , 2018, 22, 1531-1539.	3.0	19
14	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
15	The intraoral ultrasonography in dentistry. <i>Nigerian Journal of Clinical Practice</i> , 2016, 21, 125-133.	0.6	16
16	Evaluation of the relationship between the Demirjian and Nolla methods and the pubertal growth spurt stage predicted by skeletal maturation indicators in Turkish children aged 10-15: investigation study. <i>Acta Odontologica Scandinavica</i> , 2019, 77, 107-113.	1.6	15
17	Evaluation of radix entomolaris in mandibular first and second molars using cone-beam computed tomography and review of the literature. <i>Oral Radiology</i> , 2020, 36, 320-326.	1.9	14
18	The Relationship between carotid artery calcification and pulp stone among hemodialysis patients: A retrospective study. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2019, 30, 755.	0.3	11

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19	Comparative study of ProTaper gold, reciproc, and ProTaper universal for root canal preparation in severely curved root canals. <i>Journal of Conservative Dentistry</i> , 2017, 20, 222.	0.9	11
20	The Relationship between Dental Follicle Width and Maxillary Impacted Canines™ Descriptive and Resorptive Features Using Cone-Beam Computed Tomography. <i>BioMed Research International</i> , 2017, 2017, 1-5.	1.9	10
21	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
22	Clinical and radiological findings of a bilateral coronoid hyperplasia case. <i>European Journal of Dentistry</i> , 2015, 09, 149-152.	1.7	9
23	No proven correlations between bone quality and degenerative bone changes in the mandibular condyle and articular eminence in temporomandibular joint dysfunction. <i>Oral Radiology</i> , 2016, 32, 33-39.	1.9	9
24	Cone beam computed tomography imaging of superior semicircular canal morphology: a retrospective comparison of cleft lip/palate patients and normal controls. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 247-252.	1.6	9
25	Incidence of anomalous canals in the base of the skull: a retrospective radio-anatomical study using cone-beam computed tomography. <i>Surgical and Radiologic Anatomy</i> , 2020, 42, 171-177.	1.2	9
26	Ponticulus posticus in a cohort of orthodontic children and adolescent patients with different sagittal skeletal anomalies: a comparative cone beam computed tomography investigation. <i>Folia Morphologica</i> , 2018, 77, 65-71.	0.8	9
27	Nasolabial Cyst: A Case Report with Ultrasonography and Magnetic Resonance Imaging Findings. <i>Case Reports in Dentistry</i> , 2017, 2017, 1-4.	0.5	8
28	Cone beam computed tomography evaluation of ponticulus posticus in patients with cleft lip and palate: a retrospective radio-anatomic study. <i>Folia Morphologica</i> , 2018, 77, 72-78.	0.8	8
29	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
30	What can Blockchain technology bring to oral and maxillofacial radiology?. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 130, 225-226.	0.4	7
31	A new classification proposal for sphenoid sinus pneumatization: a retrospective radio-anatomic study. <i>Oral Radiology</i> , 2021, 37, 118-124.	1.9	7
32	Evaluation of the relationship between impacted canines and three-dimensional sella morphology. <i>Surgical and Radiologic Anatomy</i> , 2020, 42, 23-29.	1.2	6
33	Can the blockchain-enabled interplanetary file system (Block-IPFS) be a solution for securely transferring imaging data for artificial intelligence research in oral and maxillofacial radiology?. <i>Imaging Science in Dentistry</i> , 2021, 51, 337.	1.8	6
34	Ultrasonography in the evaluation of the mid-palatal suture in rapid palatal expansion. <i>Dentomaxillofacial Radiology</i> , 2014, 43, 20140167.	2.7	5
35	The effect of chloroform, orange oil and eucalyptol on root canal transportation in endodontic retreatment. <i>Australian Endodontic Journal</i> , 2016, 42, 37-40.	1.5	5
36	A COMPARISON OF THREE DIFFERENT DIABETES SCREENING METHODS. <i>Pakistan Journal of Medical Sciences</i> , 1969, 30, 65-9.	0.6	4

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37	Late Side Effects of Chemotherapy and Radiotherapy in Early Childhood on the Teeth: Two Case Reports. Turkish Journal of Haematology, 2018, 35, 87-88.	0.5	4
38	The Appearance of The Infraorbital Canal and Infraorbital Ethmoid (Hallerâ€™s) Cells on Panoramic Radiography of Edentulous Patients. BioMed Research International, 2018, 2018, 1-6.	1.9	4
39	Cone-Beam Computed Tomography Evaluation of the Eustachian Tube in Patients With Cleft Lip and Palate Compared With Normal Controls. Journal of Craniofacial Surgery, 2020, 31, 1149-1152.	0.7	4
40	Radiological evaluation of maxillofacial soft tissue calcifications with cone beam computed tomography and panoramic radiography. International Journal of Clinical Practice, 2021, 75, e14086.	1.7	4
41	An Artificial Intelligence Hypothetical Approach for Masseter Muscle Segmentation on Ultrasonography in Patients With Bruxism. Journal of Advanced Oral Research, 2021, 12, 206-213.	1.1	4
42	Evaluation of sphenoid sinus variations by using cone beam computed tomography in patients with cleft lip/palate. Oral Radiology, 2020, 36, 248-253.	1.9	3
43	Radiological Evaluation of the Recesses on the Posterior Wall of the Nasopharynx with Cone-beam Computed Tomography. Nigerian Journal of Clinical Practice, 2022, 25, 55.	0.6	3
44	Is It Time to Consider Implementation of Telemedicine in Current Oral Health Care Services?. Disaster Medicine and Public Health Preparedness, 2022, 16, 423-424.	1.3	2
45	Ectopic Premolar Tooth in the Sigmoid Notch. Case Reports in Dentistry, 2016, 2016, 1-3.	0.5	1
46	Reply to letter to the editor. Oral Diseases, 2021, 27, 785-786.	3.0	1
47	Effect of instrument speed when used in reciprocating motion on root canal transportation and centering ability. Journal of Conservative Dentistry, 2017, 20, 234.	0.9	1
48	Evaluation of the snowing-like ultrasonographic features of intraosseous jaw pathologies. Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ„-SzopiÅ„ska, 2020, 20, 307-310.	1.2	1
49	3D Evaluation of the Relationship between Different Vertical Growth Patterns and Cranial Base Angulations. Journal of Neurological Surgery, Part B: Skull Base, 2020, 82, 484-490.	0.8	0