Osamu Sakai

List of Publications by Year
in descending order

54 papers	1,804 citations	331642 21 h-index	289230 40 g-index
54 all docs	54 docs citations	54 times ranked	2081 citing authors

#	Article	IF	Citations
1	Quantitative assessment of the maxillary sinusitis using computed tomography texture analysis: odontogenic vs non-odontogenic etiology. Oral Radiology, 2022, 38, 315-324.	1.9	3
2	Cell-Free HPV DNA Provides an Accurate and Rapid Diagnosis of HPV-Associated Head and Neck Cancer. Clinical Cancer Research, 2022, 28, 719-727.	7.0	46
3	Utility of deep learning for the diagnosis of otosclerosis on temporal bone CT. European Radiology, 2021, 31, 5206-5211.	4.5	13
4	State of the Art: Venous Causes of Pulsatile Tinnitus and Diagnostic Considerations Guiding Endovascular Therapy. Radiology, 2021, 300, 2-16.	7.3	23
5	Prediction of the local treatment outcome in patients with oropharyngeal squamous cell carcinoma using deep learning analysis of pretreatment FDG-PET images. BMC Cancer, 2021, 21, 900.	2.6	12
6	Cystic cervical lymph nodes of papillary thyroid carcinoma, tuberculosis and human papillomavirus positive oropharyngeal squamous cell carcinoma: utility of deep learning in their differentiation on CT. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2021, 42, 103026.	1.3	9
7	Cystic cervical lymph nodes of papillary thyroid carcinoma, tuberculosis and human papillomavirus positive oropharyngeal squamous cell carcinoma: Comparative CT analysis for their differentiation. European Journal of Radiology, 2020, 132, 109310.	2.6	7
8	Endovascular coiling of large mastoid emissary vein causing pulsatile tinnitus. Interventional Neuroradiology, 2020, 26, 821-825.	1.1	10
9	Deep learning analysis using FDG-PET to predict treatment outcome in patients with oral cavity squamous cell carcinoma. European Radiology, 2020, 30, 6322-6330.	4.5	28
10	Prediction of the human papillomavirus status in patients with oropharyngeal squamous cell carcinoma by FDG-PET imaging dataset using deep learning analysis: A hypothesis-generating study. European Journal of Radiology, 2020, 126, 108936.	2.6	15
11	Amyloidosis in the head and neck: CT findings with clinicopathological correlation. European Journal of Radiology, 2020, 128, 109034.	2.6	10
12	Using CT texture analysis to differentiate cystic and cystic-appearing odontogenic lesions. European Journal of Radiology, 2019, 120, 108654.	2.6	16
13	Machine-Learning-Based Prediction of Treatment Outcomes Using MR Imaging-Derived Quantitative Tumor Information in Patients with Sinonasal Squamous Cell Carcinomas: A Preliminary Study. Cancers, 2019, 11, 800.	3.7	31
14	Otosclerosis and Dysplasias of the Temporal Bone. Neuroimaging Clinics of North America, 2019, 29, 29-47.	1.0	18
15	Craniofacial Manifestations of Systemic Disorders: CT and MR Imaging Findings and Imaging Approach. Radiographics, 2018, 38, 890-911.	3.3	22
16	Imaging of the Cerebellopontine Angle. , 2018, , 247-268.		0
17	Using CT texture analysis to differentiate between nasopharyngeal carcinoma and age-matched adenoid controls. European Journal of Radiology, 2018, 108, 208-214.	2.6	10
18	Quantitative variations in texture analysis features dependent on MRI scanning parameters: A phantom model. Journal of Applied Clinical Medical Physics, 2018, 19, 253-264.	1.9	60

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19	Multidetector Row Computed Tomography in Maxillofacial Imaging. Dental Clinics of North America, 2018, 62, 453-465.	1.8	10
20	Quantitative Analysis of Extracranial Arterial Tortuosity in Patients with Sickle Cell Disease. Journal of Neuroimaging, 2017, 27, 421-427.	2.0	13
21	Quantitative MR imaging of intra-orbital structures: Tissue-specific measurements and age dependency compared to extra-orbital structures using multispectral quantitative MR imaging. Orbit, 2017, 36, 189-196.	0.8	6
22	Clinical Significance of Incidentally Detected Torus Tubarius Calcification. Journal of Computer Assisted Tomography, 2017, 41, 828-832.	0.9	4
23	Principles of Quantitative MR Imaging with Illustrated Review of Applicable Modular Pulse Diagrams. Radiographics, 2017, 37, 2083-2105.	3.3	14
24	Miscellaneous and Emerging Applications of Dual-Energy Computed Tomography for the Evaluation of Intracranial Pathology. Neuroimaging Clinics of North America, 2017, 27, 411-427.	1.0	11
25	Global and Regional Brain Assessment with Quantitative MR Imaging in Patients with Prior Exposure to Linear Gadolinium-based Contrast Agents. Radiology, 2017, 283, 195-204.	7.3	40
26	Difference Between HPV-Positive and HPV-Negative Non-Oropharyngeal Head and Neck Cancer. Journal of Computer Assisted Tomography, 2016, 40, 43-47.	0.9	88
27	Imaging characteristics of metastatic nodes and outcomes by <scp>HPV</scp> status in head and neck cancers. Laryngoscope, 2016, 126, 392-398.	2.0	18
28	Clinical-Radiologic Correlation of Extraocular Eye Movement Disorders: Seeing beneath the Surface. Radiographics, 2016, 36, 2123-2139.	3.3	13
29	Unifocal versus multifocal mandibular fractures and injury location. Emergency Radiology, 2016, 23, 161-167.	1.8	9
30	Magnetic Resonance Imaging of Acute Head and Neck Infections. Magnetic Resonance Imaging Clinics of North America, 2016, 24, 345-367.	1.1	9
31	Clinical associations of incidentally detected parotid gland calcification on <scp>CT</scp>. Laryngoscope, 2015, 125, 1360-1365.	2.0	13
32	Granulomatous Disease in the Head and Neck: Developing a Differential Diagnosis. Radiographics, 2014, 34, 1240-1256.	3.3	58
33	Quantitative Magnetic Resonance Imaging Analysis of the Lacrimal Gland in Sickle Cell Disease. Journal of Computer Assisted Tomography, 2014, 38, 674-680.	0.9	8
34	Improved T_2 mapping accuracy with dual-echo turbo spin echo: Effect of phase encoding profile orders. Magnetic Resonance in Medicine, 2013, 69, 137-143.	3.0	11
35	Periapical Lucency around the Tooth: Radiologic Evaluation and Differential Diagnosis. Radiographics, 2013, 33, E15-E32.	3.3	57
36	qMRI relaxometry of mandibular bone marrow: A monomodal distribution in sickle cell disease. Journal of Magnetic Resonance Imaging, 2013, 37, 1182-1188.	3.4	9

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37	Multispectral Quantitative MR Imaging of the Human Brain: Lifetime Age-related Effects. Radiographics, 2013, 33, 1305-1319.	3.3	21
38	Craniofacial Bone Infarcts in Sickle Cell Disease. Journal of Computer Assisted Tomography, 2013, 37, 91-97.	0.9	20
39	Age-Related Relaxo-Volumetric Quantitative Magnetic Resonance Imaging of the Major Salivary Glands. Journal of Computer Assisted Tomography, 2013, 37, 272-278.	0.9	20
40	IgG4-related Disease of the Head and Neck: CT and MR Imaging Manifestations. Radiographics, 2012, 32, 1945-1958.	3.3	146
41	Long-Term Results of Conformal Radiotherapy for Progressive Airway Amyloidosis. International Journal of Radiation Oncology Biology Physics, 2012, 83, 734-739.	0.8	50
42	Imaging of Cervical Lymphadenopathy in Children and Young Adults. American Journal of Roentgenology, 2012, 199, 1105-1113.	2.2	68
43	Cystic and Cystic-Appearing Lesions of the Mandible: <i>Review</i>. American Journal of Roentgenology, 2011, 196, WS66-WS77.	2.2	43
44	Otosclerosis and Dysplasias of the Temporal Bone. , 2011, , 1231-1261.		4
45	Diagnostic Imaging in Nontraumatic Pediatric Head and Neck Emergencies. Radiographics, 2010, 30, 781-799.	3.3	48
46	Clinical and Radiologic Manifestations of Sickle Cell Disease in the Head and Neck. Radiographics, 2010, 30, 1021-1034.	3.3	83
47	Relaxo-volumetric multispectral quantitative magnetic resonance imaging of the brain over the human lifespan: global and regional aging patterns. Magnetic Resonance Imaging, 2009, 27, 895-906.	1.8	65
48	Labyrinthitis ossificans in a child with sickle cell disease: CT and MRI findings. Pediatric Radiology, 2009, 39, 999-1001.	2.0	23
49	Nontraumatic Orbital Conditions: Diagnosis with CT and MR Imaging in the Emergent Setting. Radiographics, 2008, 28, 1741-1753.	3.3	126
50	Multispectral Quantitative Magnetic Resonance Imaging of Brain Iron Stores. Topics in Magnetic Resonance Imaging, 2006, 17, 19-30.	1.2	27
51	Combined volumetric T1, T2 and secular-T2 quantitative MRI of the brain: age-related global changes (preliminary results). Magnetic Resonance Imaging, 2006, 24, 877-887.	1.8	47
52	Radiologic and Pathologic Characteristics of Benign and Malignant Lesions of the Mandible. Radiographics, 2006, 26, 1751-1768.	3.3	176
53	Otosclerosis: Computed tomography and magnetic resonance findings. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2000, 21, 116-118.	1.3	20
54	LYMPH NODE PATHOLOGY. Radiologic Clinics of North America, 2000, 38, 979-998.	1.8	93