Soichiro Miki

List of Publications by Year
in descending order

22	357	1163117 8	794594 19
papers	citations	h-index	g-index

22	22	22	574
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prospective Study of Spatial Distribution of Missed Lung Nodules by Readers in CT Lung Screening Using Computer-assisted Detection. Academic Radiology, 2021, 28, 647-654.	2.5	4
2	Computer-aided detection of cerebral aneurysms with magnetic resonance angiography: usefulness of volume rendering to display lesion candidates. Japanese Journal of Radiology, 2021, 39, 652-658.	2.4	3
3	Performance changes due to differences in training data for cerebral aneurysm detection in head MR angiography images. Japanese Journal of Radiology, 2021, 39, 1039-1048.	2.4	5
4	Multichannel three-dimensional fully convolutional residual network-based focal liver lesion detection and classification in Gd-EOB-DTPA-enhanced MRI. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1527-1536.	2.8	7
5	Preliminary study of generalized semiautomatic segmentation for 3D voxel labeling of lesions based on deep learning. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1901-1913.	2.8	4
6	Novel platform for development, training, and validation of computer-assisted detection/diagnosis software. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 661-672.	2.8	7
7	Development of training environment for deep learning with medical images on supercomputer system based on asynchronous parallel Bayesian optimization. Journal of Supercomputing, 2020, 76, 7315-7332.	3.6	7
8	HoTPiG: a novel graph-based 3-D image feature set and its applications to computer-assisted detection of cerebral aneurysms and lung nodules. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 2095-2107.	2.8	9
9	Can the spherical gold standards be used as an alternative to painted gold standards for the computerized detection of lesions using voxel-based classification?. Japanese Journal of Radiology, 2019, 37, 264-273.	2.4	4
10	Deep neural networkâ€based computerâ€assisted detection of cerebral aneurysms in MR angiography. Journal of Magnetic Resonance Imaging, 2018, 47, 948-953.	3.4	136
11	Automatic detection of over 100 anatomical landmarks in medical CT images: A framework with independent detectors and combinatorial optimization. Medical Image Analysis, 2017, 35, 192-214.	11.6	18
12	Landmark-guided diffeomorphic demons algorithm and its application to automatic segmentation of the whole spine and pelvis in CT images. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 413-430.	2.8	12
13	Automatic detection of vertebral number abnormalities in body CT images. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 719-732.	2.8	4
14	Feasibility Study of a Generalized Framework for Developing Computer-Aided Detection Systemsâ€”a New Paradigm. Journal of Digital Imaging, 2017, 30, 629-639.	2.9	8
15	Effects of Iterative Reconstruction Algorithms on Computer-assisted Detection (CAD) Software for Lung Nodules in Ultra-low-dose CT for Lung Cancer Screening. Academic Radiology, 2017, 24, 124-130.	2.5	23
16	Computer-Assisted Detection of Cerebral Aneurysms in MR Angiography in a Routine Image-Reading Environment: Effects on Diagnosis by Radiologists. American Journal of Neuroradiology, 2016, 37, 1038-1043.	2.4	38
17	HoTPiG: A Novel Geometrical Feature for Vessel Morphometry and Its Application to Cerebral Aneurysm Detection. Lecture Notes in Computer Science, 2015, , 103-110.	1.3	9
18	Development of Automatic Visceral Fat Volume Calculation Software for CT Volume Data. Journal of Obesity, 2014, 2014, 1-7.	2.7	39

#	Article	IF	Citations
19	Performance improvement in computerized detection of cerebral aneurysms by retraining classifier using feedback data collected in routine reading environment. Journal of Biomedical Graphics and Computing, 2014, 4, .	0.2	10
20	Training Strategy for Performance Improvement in Computer-Assisted Detection of Lesions: Based on Multi-institutional Study in Teleradiology Environment. , 2013, , .		2
21	Reply to BÃ¶hm. CardioVascular and Interventional Radiology, 2010, 33, 437-437.	2.0	1
22	Hemosuccus Pancreaticus in a Patient with Iodine Allergy: Successful Diagnosis with Magnetic Resonance Imaging and Treatment with Transarterial Embolization Using Carbon Dioxide as the Contrast Medium. CardioVascular and Interventional Radiology, 2009, 32, 1296-1299.	2.0	7