Soichiro Miki

List of Publications by Year
in descending order

22 papers	357 citations	1163117 8 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	574 citing authors

#	Article	IF	Citations
1	Deep neural network–based computer–assisted detection of cerebral aneurysms in MR angiography. Journal of Magnetic Resonance Imaging, 2018, 47, 948-953.	3.4	136
2	Development of Automatic Visceral Fat Volume Calculation Software for CT Volume Data. Journal of Obesity, 2014, 2014, 1-7.	2.7	39
3	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
4	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
5	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
6	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
7	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
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	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
10	Feasibility Study of a Generalized Framework for Developing Computer-Aided Detection Systems—a New Paradigm. Journal of Digital Imaging, 2017, 30, 629-639.	2.9	8
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Training Strategy for Performance Improvement in Computer-Assisted Detection of Lesions: Based on Multi-institutional Study in Teleradiology Environment. , 2013, , .		2
22	Reply to Böhm. CardioVascular and Interventional Radiology, 2010, 33, 437-437.	2.0	1