Shouhei Hanaoka

List of Publications by Year
in descending order

34	516	840776 11	677142 22
papers	citations	h-index	g-index

36	36	36	732
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	ADC value and diffusion tensor imaging of prostate cancer: Changes in carbonâ€ion radiotherapy. Journal of Magnetic Resonance Imaging, 2008, 27, 1331-1335.	3.4	52
3	Unsupervised Deep Anomaly Detection in Chest Radiographs. Journal of Digital Imaging, 2021, 34, 418-427.	2.9	40
4	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
5	Radiology reading-caused fatigue and measurement of eye strain with critical flicker fusion frequency. Japanese Journal of Radiology, 2011, 29, 483-487.	2.4	32
6	High-resolution CT with new model-based iterative reconstruction with resolution preference algorithm in evaluations of lung nodules: Comparison with conventional model-based iterative reconstruction and adaptive statistical iterative reconstruction. European Journal of Radiology, 2016, 85, 599-606.	2.6	28
7	Single-energy metal artifact reduction for helical computed tomography of the pelvis in patients with metal hip prostheses. Japanese Journal of Radiology, 2016, 34, 625-632.	2.4	26
8	Automatic detection of actionable radiology reports using bidirectional encoder representations from transformers. BMC Medical Informatics and Decision Making, 2021, 21, 262.	3.0	20
9	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
10	Hepatic Segments and Vasculature: Projecting CT Anatomy onto Angiograms. Radiographics, 2009, 29, e37.	3.3	12
11	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
12	Automated Segmentation Method for Spinal Column Based on a Dual Elliptic Column Model and Its Application for Virtual Spinal Straightening. Journal of Computer Assisted Tomography, 2010, 34, 156-162.	0.9	9
13	A unified framework for concurrent detection of anatomical landmarks for medical image understanding. , 2011, , .		9
14	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
15	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
16	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
17	Clinical usefulness of temporal subtraction CT in detecting vertebral bone metastases. European Journal of Radiology, 2019, 118, 175-180.	2.6	7
18	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

#	Article	IF	Citations
19	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
20	3-D Graph Cut Segmentation with Riemannian Metrics to Avoid the Shrinking Problem. Lecture Notes in Computer Science, 2011, 14, 554-561.	1.3	6
21	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
22	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
23	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
24	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
25	Whole vertebral bone segmentation method with a statistical intensity-shape model based approach. , 2011, , .		3
26	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
27	Pregnancyâ€induced hemorrhagic degeneration of adenomyosis. Journal of Obstetrics and Gynaecology Research, 2022, 48, 1265-1270.	1.3	3
28	Vaginal delivery-related changes in the pelvic organ position and vaginal cross-sectional area in the general population. Clinical Imaging, 2018, 50, 86-90.	1.5	2
29	Understanding Medical Images Based on Computational Anatomy Models. , 2017, , 151-284.		2
30	A Multiple Anatomical Landmark Detection System for Body CT Images. , 2013, , .		1
31	Automatic Categorization of Anatomical Landmark-Local Appearances Based on Diffeomorphic Demons and Spectral Clustering for Constructing Detector Ensembles. Lecture Notes in Computer Science, 2012, 15, 106-113.	1.3	0
32	IJCARSâ€"JAMIT 2019â€"2020 special issue. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1853-1854.	2.8	0
33	Anatomical identification of ischial spines applicable to intrapartum transperineal ultrasound based on magnetic resonance imaging of pregnant women. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 9736-9741.	1.5	0
34	Clinical Comparable Corpus Describing the Same Subjects with Different Expressions. Studies in Health Technology and Informatics, 2022, , .	0.3	0