

Shouhei Hanaoka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5982541/publications.pdf>

Version: 2024-02-01

34
papers

516
citations

840776

11
h-index

677142

22
g-index

36
all docs

36
docs citations

36
times ranked

732
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Pregnancy-induced hemorrhagic degeneration of adenomyosis. Journal of Obstetrics and Gynaecology Research, 2022, 48, 1265-1270. | 1.3 | 3 |
| 2 | 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 |
| 3 | Clinical Comparable Corpus Describing the Same Subjects with Different Expressions. Studies in Health Technology and Informatics, 2022, , . | 0.3 | 0 |
| 4 | 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 |
| 5 | 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 |
| 6 | Unsupervised Deep Anomaly Detection in Chest Radiographs. Journal of Digital Imaging, 2021, 34, 418-427. | 2.9 | 40 |
| 7 | 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 |
| 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 | IJCARS–JAMIT 2019–2020 special issue. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1853-1854. | 2.8 | 0 |
| 10 | 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 |
| 11 | 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 |
| 12 | Clinical usefulness of temporal subtraction CT in detecting vertebral bone metastases. European Journal of Radiology, 2019, 118, 175-180. | 2.6 | 7 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Understanding Medical Images Based on Computational Anatomy Models. , 2017, , 151-284. | | 2 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | A Multiple Anatomical Landmark Detection System for Body CT Images. , 2013, , . | | 1 |
| 27 | 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 |
| 28 | 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 |
| 29 | Whole vertebral bone segmentation method with a statistical intensity-shape model based approach. , 2011, , . | | 3 |
| 30 | A unified framework for concurrent detection of anatomical landmarks for medical image understanding. , 2011, , . | | 9 |
| 31 | 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 |
| 32 | 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 |
| 33 | Hepatic Segments and Vasculature: Projecting CT Anatomy onto Angiograms. Radiographics, 2009, 29, e37. | 3.3 | 12 |
| 34 | ADC value and diffusion tensor imaging of prostate cancer: Changes in carbon-11 radiotherapy. Journal of Magnetic Resonance Imaging, 2008, 27, 1331-1335. | 3.4 | 52 |