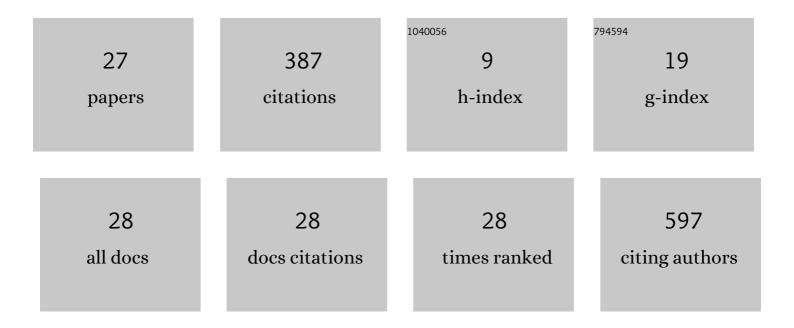
Hongkai Wang

List of Publications by Year in descending order

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HONCKAI WANC

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Bioluminescence tomography reconstruction in conjunction with an organ probability map as an an an an an an an | 2.9 | 7 |
| 2 | Shape and Intensity Combined Statistical Atlas Registration for Torso Organ Segmentation from Mouse Mirco-CT Images. , 2022, , . | | 0 |
| 3 | AnatomySketch: An Extensible Open-Source Software Platform for Medical Image Analysis Algorithm Development. Journal of Digital Imaging, 2022, 35, 1623-1633. | 2.9 | 3 |
| 4 | Automated brain structures segmentation from PET/CT images based on landmark-constrained dual-modality atlas registration. Physics in Medicine and Biology, 2021, 66, 095003. | 3.0 | 4 |
| 5 | Population-specific brain [18F]-FDG PET templates of Chinese subjects for statistical parametric mapping. Scientific Data, 2021, 8, 305. | 5.3 | 6 |
| 6 | A Statistical Model of Spine Shape and Material for Population-Oriented Biomechanical Simulation. IEEE Access, 2021, 9, 155805-155814. | 4.2 | 1 |
| 7 | Applied anatomy and three-dimensional visualization of the tendon-bone junctions of the knee joint posterolateral complex. Annals of Anatomy, 2020, 229, 151413. | 1.9 | 7 |
| 8 | A novel supervised learning method to generate CT images for attenuation correction in delayed pet scans. Computer Methods and Programs in Biomedicine, 2020, 197, 105764. | 4.7 | 3 |
| 9 | Automatic Segmentation of Pulmonary Lobes in Pulmonary CT Images using Atlas-based Unsupervised Learning Network. , 2020, , . | | Ο |
| 10 | Continuous Estimation of Left Ventricular Hemodynamic Parameters Based on Heart Sound and PPG Signals Using Deep Neural Network. , 2020, , . | | 1 |
| 11 | Inter-Subject Shape Correspondence Computation From Medical Images Without Organ Segmentation. IEEE Access, 2019, 7, 130772-130781. | 4.2 | 2 |
| 12 | Dual-modality multi-atlas segmentation of torso organs from [18F]FDC-PET/CT images. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 473-482. | 2.8 | 9 |
| 13 | Estimation of thyroid volume from scintigraphy through 2D/3D registration of a statistical shape model. Physics in Medicine and Biology, 2019, 64, 095015. | 3.0 | 4 |
| 14 | Statistical Evaluation of Radiofrequency Exposure during Magnetic Resonant Imaging: Application of Whole-Body Individual Human Model and Body Motion in the Coil. International Journal of Environmental Research and Public Health, 2019, 16, 1069. | 2.6 | 9 |
| 15 | A Novel Merged Strategy with Deformation Field Reconstruction for Constructing Statistical Shape Models. , 2019, , . | | 1 |
| 16 | Prediction of major torso organs in low-contrast micro-CT images of mice using a two-stage deeply supervised fully convolutional network. Physics in Medicine and Biology, 2019, 64, 245014. | 3.0 | 7 |
| 17 | Deformable torso phantoms of Chinese adults for personalized anatomy modelling. Journal of Anatomy, 2018, 233, 121-134. | 1.5 | 13 |
| 18 | Metabolic Brain Network Analysis of Hypothyroidism Symptom Based on [18F]FDG-PET of Rats. Molecular Imaging and Biology, 2018, 20, 789-797. | 2.6 | 3 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Classification of Benign and Malignant Breast Mass in Digital Mammograms with Convolutional Neural Networks. , 2018, , . | | 7 |
| 20 | Deformable Head Atlas of Chinese Adults Incorporating Inter-Subject Anatomical Variations. IEEE Access, 2018, 6, 51392-51400. | 4.2 | 10 |
| 21 | Bioluminescence tomography with structural information estimated via statistical mouse atlas registration. Biomedical Optics Express, 2018, 9, 3544. | 2.9 | 9 |
| 22 | Comparison of machine learning methods for classifying mediastinal lymph node metastasis of non-small cell lung cancer from 18F-FDG PET/CT images. EJNMMI Research, 2017, 7, 11. | 2.5 | 194 |
| 23 | 3D-SIFT-Flow for atlas-based CT liver image segmentation. Medical Physics, 2016, 43, 2229-2241. | 3.0 | 20 |
| 24 | Non-stationary reconstruction for dynamic fluorescence molecular tomography with extended kalman filter. Biomedical Optics Express, 2016, 7, 4527. | 2.9 | 3 |
| 25 | Biodistribution and Radiation Dosimetry of the Enterobacteriaceae-Specific Imaging Probe [18F]Fluorodeoxysorbitol Determined by PET/CT in Healthy Human Volunteers. Molecular Imaging and Biology, 2016, 18, 782-787. | 2.6 | 31 |
| 26 | Excitation-resolved cone-beam x-ray luminescence tomography. Journal of Biomedical Optics, 2015, 20, 070501. | 2.6 | 15 |
| 27 | A wavelet-based single-view reconstruction approach for cone beam x-ray luminescence tomography imaging. Biomedical Optics Express, 2014, 5, 3848. | 2.9 | 18 |