Dakai Jin

List of Publications by Year
in descending order

21 papers	465 citations	759233 12 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	907 citing authors

#	Article	IF	Citations
1	Artificial intelligence in radiology. , 2021, , 265-289.		14
2	Lymph Node Gross Tumor Volume Detection in Oncology Imaging via Relationship Learning Using Graph Neural Network. Lecture Notes in Computer Science, 2020, , 772-782.	1.3	14
3	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. Science Translational Medicine, 2019, 11, .	12.4	52
4	Fully automated prostate whole gland and central gland segmentation on MRI using holistically nested networks with short connections. Journal of Medical Imaging, 2019, 6, 1.	1.5	14
5	Quantitative imaging of peripheral trabecular bone microarchitecture using <scp>MDCT</scp>. Medical Physics, 2018, 45, 236-249.	3.0	38
6	Fuzzy Object Skeletonization: Theory, Algorithms, and Applications. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2298-2314.	4.4	17
7	White matter hyperintensity segmentation from T1 and FLAIR images using fully convolutional neural networks enhanced with residual connections. , 2018, , .		9
8	An iterative method for airway segmentation using multiscale leakage detection. , 2017, , .		3
9	A Novel Iterative Method for Airway Tree Segmentation from CT Imaging Using Multiscale Leakage Detection. Lecture Notes in Computer Science, 2017, , 46-60.	1.3	0
10	3D Convolutional Neural Networks with Graph Refinement for Airway Segmentation Using Incomplete Data Labels. Lecture Notes in Computer Science, 2017, , 141-149.	1.3	42
11	Curve skeletonization using minimum-cost path. , 2017, , 151-180.		2
12	Pathological Pulmonary Lobe Segmentation from CT Images Using Progressive Holistically Nested Neural Networks and Random Walker. Lecture Notes in Computer Science, 2017, , 195-203.	1.3	25
13	A semi-automatic framework of measuring pulmonary arterial metrics at anatomic airway locations using CT imaging. Proceedings of SPIE, 2016, 9788, .	0.8	5
14	A controlled statistical study to assess measurement variability as a function of test object position and configuration for automated surveillance in a multicenter longitudinal COPD study (SPIROMICS). Medical Physics, 2016, 43, 2598-2610.	3.0	6
15	Quantitative Dual-Energy Computed Tomography Supports a Vascular Etiology of Smoking-induced Inflammatory Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 652-661.	5.6	77
16	A robust and efficient curve skeletonization algorithm for tree-like objects using minimum cost paths. Pattern Recognition Letters, 2016, 76, 32-40.	4.2	54
17	Characterization of trabecular bone plateâ€rod microarchitecture using multirow detector CT and the tensor scale: Algorithms, validation, and applications to pilot human studies. Medical Physics, 2015, 42, 5410-5425.	3.0	22
18	Automated cortical bone segmentation for multirowâ€detector CT imaging with validation and application to human studies. Medical Physics, 2015, 42, 4553-4565.	3.0	19

#	Article	IF	Citations
19	A New Approach of Arc Skeletonization for Tree-like Objects Using Minimum Cost Path. , 2014, 2014, 942-947.		6
20	A Robust Algorithm for Thickness Computation at Low Resolution and Its Application to In Vivo Trabecular Bone CT Imaging. IEEE Transactions on Biomedical Engineering, 2014, 61, 2057-2069.	4.2	44
21	A New Algorithm for Cortical Bone Segmentation with Its Validation and Applications to In Vivo Imaging. Lecture Notes in Computer Science, 2013, 8157, 349-358.	1.3	2