Gongning Luo

List of Publications by Year
in descending order

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29	571	840119	713013
papers	citations	11 h-index	21 g-index

29	29	29	759
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concatenated and Connected Random Forests With Multiscale Patch Driven Active Contour Model for Automated Brain Tumor Segmentation of MR Images. IEEE Transactions on Medical Imaging, 2018, 37, 1943-1954.	5.4	145
2	Multi-Views Fusion CNN for Left Ventricular Volumes Estimation on Cardiac MR Images. IEEE Transactions on Biomedical Engineering, 2018, 65, 1924-1934.	2.5	51
3	Cancelable biometric authentication system based on ECG. Multimedia Tools and Applications, 2019, 78, 1857-1887.	2.6	44
4	Deep Atlas Network for Efficient 3D Left Ventricle Segmentation on Echocardiography. Medical Image Analysis, 2020, 61, 101638.	7.0	38
5	Computational Cardiac Modeling Reveals Mechanisms of Ventricular Arrhythmogenesis in Long QT Syndrome Type 8: CACNA1C R858H Mutation Linked to Ventricular Fibrillation. Frontiers in Physiology, 2017, 8, 771.	1.3	27
6	Multi-step Cascaded Networks for Brain Tumor Segmentation. Lecture Notes in Computer Science, 2020, , 163-173.	1.0	27
7	A Deep Learning Network for Right Ventricle Segmentation in Short:Axis MRI. , 0, , .		26
8	A Combined Fully Convolutional Networks and Deformable Model for Automatic Left Ventricle Segmentation Based on 3D Echocardiography. BioMed Research International, 2018, 2018, 1-16.	0.9	25
9	A graph-based method for fitting planar B-spline curves with intersections. Journal of Computational Design and Engineering, 2016, 3, 14-23.	1.5	24
10	Commensal correlation network between segmentation and direct area estimation for bi-ventricle quantification. Medical Image Analysis, 2020, 59, 101591.	7.0	21
11	A Novel Left Ventricular Volumes Prediction Method Based on Deep Learning Network in Cardiac MRI. , 0, , .		20
12	VoxelAtlasGAN: 3D Left Ventricle Segmentation on Echocardiography with Atlas Guided Generation and Voxel-to-Voxel Discrimination. Lecture Notes in Computer Science, 2018, , 622-629.	1.0	18
13	Transformer Network for Significant Stenosis Detection in CCTA of Coronary Arteries. Lecture Notes in Computer Science, 2021, , 516-525.	1.0	14
14	A Left Ventricular Segmentation Method on 3D Echocardiography Using Deep Learning and Snake. , 0, , .		14
15	Neuron anatomy structure reconstruction based on a sliding filter. BMC Bioinformatics, 2015, 16, 342.	1.2	12
16	An Automatic Cardiac Segmentation Framework Based on Multi-sequence MR Image. Lecture Notes in Computer Science, 2020, , 220-227.	1.0	9
17	Dynamically constructed network with error correction for accurate ventricle volume estimation. Medical Image Analysis, 2020, 64, 101723.	7.0	9
18	Cardiac left ventricular volumes prediction method based on atlas location and deep learning. , 2016, , .		7

#	Article	IF	Citations
19	Hematoma Expansion Context Guided Intracranial Hemorrhage Segmentation and Uncertainty Estimation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1140-1151.	3.9	7
20	A Combined Multi:scale Deep Learning and Random Forests Approach for Direct Left Ventricular Volumes Estimation in 3D Echocardiography. , 0, , .		6
21	Performance of novel deep learning network with the incorporation of the automatic segmentation network for diagnosis of breast cancer in automated breast ultrasound. European Radiology, 2022, 32, 7163-7172.	2.3	6
22	A Combined Random Forests and Active Contour Model Approach for Fully Automatic Segmentation of the Left Atrium in Volumetric MRI. BioMed Research International, 2017, 2017, 1-14.	0.9	5
23	Branch-Aware Double DQN for Centerline Extraction in Coronary CT Angiography. Lecture Notes in Computer Science, 2020, , 35-44.	1.0	5
24	The Role of CaMKII Overexpression and Oxidation in Atrial Fibrillationâ€"A Simulation Study. Frontiers in Physiology, 2020, 11, 607809.	1.3	4
25	A Deep Reinforcement Learning Framework for Frame-by-Frame Plaque Tracking on Intravascular Optical Coherence Tomography Image. Lecture Notes in Computer Science, 2019, , 12-20.	1.0	3
26	Uncertaintyâ€guided symmetric multiâ€level supervision network for 3D left atrium segmentation in late gadoliniumâ€enhanced MRI. Medical Physics, 2022, , .	1.6	3
27	A Temporal Area Variation Regularized Deep Learning Network for Left Ventricle Segmentation on Cardiac Magnetic Resonance. , 0, , .		1
28	A Novel Reconstruction Method of 3D Heart Geometry Atlas Based on Visible Human. , 2017, , .		0
29	In Silico Investigation of Spontaneous Calcium Release on Premature Ventricular Contractions in Human Ventricles. , 0, , .		0