Yeonggul Jang

List of Publications by Year
in descending order

21 papers	1,071 citations	1307366 7 h-index	839398 18 g-index
22 all docs	22 docs citations	22 times ranked	1297 citing authors

#	Article	IF	Citations
1	Deep Learning Techniques for Automatic MRI Cardiac Multi-Structures Segmentation and Diagnosis: Is the Problem Solved?. IEEE Transactions on Medical Imaging, 2018, 37, 2514-2525.	5.4	926
2	Automatic aortic valve landmark localization in coronary CT angiography using colonial walk. PLoS ONE, 2018, 13, e0200317.	1.1	23
3	Automatic Coronary Artery Segmentation Using Active Search for Branches and Seemingly Disconnected Vessel Segments from Coronary CT Angiography. PLoS ONE, 2016, 11, e0156837.	1.1	23
4	Quantitative Assessment of Foot Blood Flow by Using Dynamic Volume Perfusion CT Technique: A Feasibility Study. Radiology, 2016, 279, 195-206.	3.6	18
5	Deep Learning Cross-Phase Style Transfer for Motion Artifact Correction in Coronary Computed Tomography Angiography. IEEE Access, 2020, 8, 81849-81863.	2.6	14
6	Spinal Bone Bruise. Academic Radiology, 2016, 23, 1376-1383.	1.3	10
7	Maximum a posteriori estimation method for aorta localization and coronary seed identification. Pattern Recognition, 2017, 68, 222-232.	5.1	9
8	Left Ventricle Quantification Challenge: A Comprehensive Comparison and Evaluation of Segmentation and Regression for Mid-Ventricular Short-Axis Cardiac MR Data. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3541-3553.	3.9	8
9	Geodesic Distance Algorithm for Extracting the Ascending Aorta from 3D CT Images. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-7.	0.7	7
10	Identification of coronary arteries in CT images by Bayesian analysis of geometric relations among anatomical landmarks. Pattern Recognition, 2019, 96, 106958.	5.1	7
11	Viability assessment after conventional coronary angiography using a novel cardiovascular interventional therapeutic CT system: Comparison with gross morphology in a subacute infarct swine model. Journal of Cardiovascular Computed Tomography, 2015, 9, 321-328.	0.7	5
12	Deep Reinforcement Learning with Explicit Spatio-Sequential Encoding Network for Coronary Ostia Identification in CT Images. Sensors, 2021, 21, 6187.	2.1	4
13	Multi-Scale Conditional Generative Adversarial Network for Small-Sized Lung Nodules Using Class Activation Region Influence Maximization. IEEE Access, 2021, 9, 139426-139437.	2.6	4
14	Feasibility of Selective Catheter-Directed Coronary Computed Tomography Angiography Using Ultralow-Dose Intracoronary Contrast Injection in a Swine Model. Investigative Radiology, 2015, 50, 449-455.	3.5	3
15	Assessment of myocardial viability based on dual-energy computed tomography in patients with chronic myocardial infarction: comparison with magnetic resonance imaging. Clinical Imaging, 2017, 46, 8-13.	0.8	3
16	Reconnection of fragmented parts of coronary arteries using local geometric features in X-ray angiography images. Computers in Biology and Medicine, 2022, 141, 105099.	3.9	3
17	Assessment of Image Quality for Selective Intracoronary Contrast-Injected CT Angiography in a Hybrid Angio-CT System: A Feasibility Study in Swine. Yonsei Medical Journal, 2021, 62, 200.	0.9	1
18	Deep Learning Techniques for Automatic MRI Cardiac Multi-Structures Segmentation and Diagnosis: Is the Problem Solved?. , 0, .		1

#	ARTICLE	IF	CITATIONS
19	Diagnostic Accuracy of a Novel On-site Virtual Fractional Flow Reserve Parallel Computing System. Yonsei Medical Journal, 2020, 61, 137.	0.9	1
20	Generation of Triangular Mesh of Coronary Artery Using Mesh Merging. Journal of KIISE, 2016, 43, 419-429.	0.0	1
21	Clinical feasibility of catheter-directed selective intracoronary computed tomography angiography using an extremely low dose of iodine in patients with coronary artery disease. European Radiology, 2019, 29, 2218-2225.	2.3	0