Yeonggul Jang

List of Publications by Year
in descending order

21 papers	1,071 citations	1306789 7 h-index	839053 18 g-index
22 all docs	22 docs citations	22 times ranked	1297 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Deep Reinforcement Learning with Explicit Spatio-Sequential Encoding Network for Coronary Ostia Identification in CT Images. Sensors, 2021, 21, 6187.	2.1	4
5	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
6	Deep Learning Cross-Phase Style Transfer for Motion Artifact Correction in Coronary Computed Tomography Angiography. IEEE Access, 2020, 8, 81849-81863.	2.6	14
7	Diagnostic Accuracy of a Novel On-site Virtual Fractional Flow Reserve Parallel Computing System. Yonsei Medical Journal, 2020, 61, 137.	0.9	1
8	Identification of coronary arteries in CT images by Bayesian analysis of geometric relations among anatomical landmarks. Pattern Recognition, 2019, 96, 106958.	5.1	7
9	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
10	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
11	Automatic aortic valve landmark localization in coronary CT angiography using colonial walk. PLoS ONE, 2018, 13, e0200317.	1.1	23
12	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
13	Maximum a posteriori estimation method for aorta localization and coronary seed identification. Pattern Recognition, 2017, 68, 222-232.	5.1	9
14	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
15	Spinal Bone Bruise. Academic Radiology, 2016, 23, 1376-1383.	1.3	10
16	Quantitative Assessment of Foot Blood Flow by Using Dynamic Volume Perfusion CT Technique: A Feasibility Study. Radiology, 2016, 279, 195-206.	3.6	18
17	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
18	Generation of Triangular Mesh of Coronary Artery Using Mesh Merging. Journal of KIISE, 2016, 43, 419-429.	0.0	1

#	Article	IF	Citations
19	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
20	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
21	Deep Learning Techniques for Automatic MRI Cardiac Multi-Structures Segmentation and Diagnosis: Is the Problem Solved?. , 0, .		1