Mustafa A Elattar

List of Publications by Year
in descending order

		1162367	1058022
19	528	8	14
papers	citations	h-index	g-index
22	22	22	709
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Light-Weight Localization and Scale-Independent Multi-gate UNET Segmentation of Left and Right Ventricles in MRI Images. Cardiovascular Engineering and Technology, 2022, 13, 393-406.	0.7	2
2	License Plate Image Analysis Empowered by Generative Adversarial Neural Networks (GANs). IEEE Access, 2022, 10, 30846-30857.	2.6	8
3	A Deep Learning-Based Benchmarking Framework for Lane Segmentation in the Complex and Dynamic Road Scenes. IEEE Access, 2021, 9, 117565-117580.	2.6	10
4	Multi-Centre, Multi-Vendor and Multi-Disease Cardiac Segmentation: The M&Ms Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3543-3554.	5.4	168
5	A Quantitative Analysis in CTP images for Ischemic Stroke Lesion Segmentation. , 2021, , .		0
6	Innovative Deep Learning-based Video Editing Tool. , 2021, , .		1
7	Comparative Study on Stroke Lesion Core Segmentation in CTP Images. , 2021, , .		0
8	Real-time 4-way Intersection Smart Traffic Control System. , 2020, , .		0
9	Deep Convolutional Encoder-Decoders with Aggregated Multi-Resolution Skip Connections for Skin Lesion Segmentation. , 2019, , .		22
10	LVLNET: Lightweight Left Ventricle Localizer using Encoder-Decoder Neural Network. , 2019, , .		2
11	A computed tomography-based planning tool for predicting difficulty of minimally invasive aortic valve replacement. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 505-511.	0.5	7
12	Deep Ensemble Learning for Skin Lesion Classification from Dermoscopic Images. , 2018, , .		63
13	Automated CTA based measurements for planning support of minimally invasive aortic valve replacement surgery. Medical Engineering and Physics, 2017, 39, 123-128.	0.8	6
14	Dynamics of the aortic annulus in 4D CT angiography for transcatheter aortic valve implantation patients. PLoS ONE, 2017, 12, e0184133.	1.1	12
15	Automatic aortic root landmark detection in CTA images for preprocedural planning of transcatheter aortic valve implantation. International Journal of Cardiovascular Imaging, 2016, 32, 501-511.	0.7	33
16	Automated Detection of Aortic Root Landmarks in Preprocedure CT Angiography Images for Transcatheter Aortic Valve Implantation Patients. Lecture Notes in Computer Science, 2015, , 402-410.	1.0	0
17	Imaging for approach selection of TAVI: assessment of the aorto-iliac tract diameter by computed tomography-angiography versus projection angiography. International Journal of Cardiovascular Imaging, 2014, 30, 399-405.	0.7	14
18	A collaborative resource to build consensus for automated left ventricular segmentation of cardiac MR images. Medical Image Analysis, 2014, 18, 50-62.	7.0	143

#	Article	IF	Citations
19	Automatic segmentation of the aortic root in CT angiography of candidate patients for transcatheter aortic valve implantation. Medical and Biological Engineering and Computing, 2014, 52, 611-618.	1.6	32