Ryan A Rava

List of Publications by Year
in descending order

17	261	1040056	1199594
papers	citations	9	12
		h-index	g-index

17	17	17	266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predicting hematoma expansion after spontaneous intracranial hemorrhage through a radiomics based model. , 2022, , .		1
2	Initial investigation of predicting hematoma expansion for intracerebral hemorrhage using imaging biomarkers and machine learning. , 2022, , .		0
3	Assessment of computed tomography perfusion software in predicting spatial location and volume of infarct in acute ischemic stroke patients: a comparison of Sphere, Vitrea, and RAPID. Journal of NeuroInterventional Surgery, 2021, 13, 130-135.	3.3	47
4	Enhancing performance of a computed tomography perfusion software for improved prediction of final infarct volume in acute ischemic stroke patients. Neuroradiology Journal, 2021, 34, 222-237.	1.2	9
5	Use of quantitative angiographic methods with a data-driven model to evaluate reperfusion status (mTICI) during thrombectomy. Neuroradiology, 2021, 63, 1429-1439.	2.2	11
6	Use of biplane quantitative angiographic imaging with ensemble neural networks to assess reperfusion status during mechanical thrombectomy. , 2021, 11597, .		5
7	Use of a convolutional neural network to identify infarct core using computed tomography perfusion parameters. , 2021, 11596, .		4
8	The Aneurysm Occlusion Assistant, an AI platform for real time surgical guidance of intracranial aneurysms. , 2021, 11601, .		5
9	Investigation of convolutional neural networks using multiple computed tomography perfusion maps to identify infarct core in acute ischemic stroke patients. Journal of Medical Imaging, 2021, 8, 014505.	1.5	5
10	Validation of an artificial intelligence-driven large vessel occlusion detection algorithm for acute ischemic stroke patients. Neuroradiology Journal, 2021, 34, 408-417.	1.2	22
11	Assessment of an Artificial Intelligence Algorithm for Detection of Intracranial Hemorrhage. World Neurosurgery, 2021, 150, e209-e217.	1.3	30
12	Automated Collateral Flow Assessment in Patients with Acute Ischemic Stroke Using Computed Tomography with Artificial Intelligence Algorithms. World Neurosurgery, 2021, 155, e748-e760.	1.3	13
13	Automatic radiomic feature extraction using deep learning for angiographic parametric imaging of intracranial aneurysms. Journal of NeuroInterventional Surgery, 2020, 12, 417-421.	3.3	39
14	Method to simulate distal flow resistance in coronary arteries in 3D printed patient specific coronary models. 3D Printing in Medicine, 2020, 6, 19.	3.1	12
15	Effect of computed tomography perfusion post-processing algorithms on optimal threshold selection for final infarct volume prediction. Neuroradiology Journal, 2020, 33, 273-285.	1.2	9
16	Assessment of a Bayesian Vitrea CT Perfusion Analysis to Predict Final Infarct and Penumbra Volumes in Patients with Acute Ischemic Stroke: A Comparison with RAPID. American Journal of Neuroradiology, 2020, 41, 206-212.	2.4	38
17	Performance of angiographic parametric imaging in locating infarct core in large vessel occlusion acute ischemic stroke patients. Journal of Medical Imaging, 2020, 7, 1.	1.5	11