Ahmed A Khalil

List of Publications by Year
in descending order

27	988	687363 13	610901 24
papers	citations	h-index	g-index

36	36	36	1807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differentiation of Cerebral Neoplasms with Vessel Size Imaging (VSI). Clinical Neuroradiology, 2022, 32, 239-248.	1.9	3
2	Generating 3D TOF-MRA volumes and segmentation labels using generative adversarial networks. Medical Image Analysis, 2022, 78, 102396.	11.6	12
3	Toward Sharing Brain Images: Differentially Private TOF-MRA Images With Segmentation Labels Using Generative Adversarial Networks. Frontiers in Artificial Intelligence, 2022, 5, 813842.	3.4	4
4	On the usage of average Hausdorff distance for segmentation performance assessment: hidden error when used for ranking. European Radiology Experimental, 2021, 5, 4.	3.4	58
5	Synthesizing anonymized and labeled TOF-MRA patches for brain vessel segmentation using generative adversarial networks. Computers in Biology and Medicine, 2021, 131, 104254.	7.0	32
6	Magnetic resonance imaging-based changes in vascular morphology and cerebral perfusion in subacute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2617-2627.	4.3	5
7	An evaluation of performance measures for arterial brain vessel segmentation. BMC Medical Imaging, 2021, 21, 113.	2.7	8
8	A novel approach for assessing hypoperfusion in stroke using spatial independent component analysis of restingâ€state <scp>fMRI</scp>. Human Brain Mapping, 2021, 42, 5204-5216.	3.6	6
9	Total perfusion-diffusion mismatch detected using resting-state functional MRI. BJR|case Reports, 2021, 7, 20210056.	0.2	0
10	Non-invasive monitoring of longitudinal changes in cerebral hemodynamics in acute ischemic stroke using BOLD signal delay. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 23-34.	4.3	28
11	Elevated brain oxygen extraction fraction measured by MRI susceptibility relates to perfusion status in acute ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 539-551.	4.3	51
12	BRAVE-NET: Fully Automated Arterial Brain Vessel Segmentation in Patients With Cerebrovascular Disease. Frontiers in Artificial Intelligence, 2020, 3, 552258.	3.4	40
13	The Effect of Scan Length on the Assessment of BOLD Delay in Ischemic Stroke. Frontiers in Neurology, 2020, 11, 381.	2.4	7
14	Opening the black box of artificial intelligence for clinical decision support: A study predicting stroke outcome. PLoS ONE, 2020, 15, e0231166.	2.5	96
15	Multimodal Fusion Strategies for Outcome Prediction in Stroke. , 2020, , .		4
16	The impact of ischemic stroke on connectivity gradients. NeuroImage: Clinical, 2019, 24, 101947.	2.7	37
17	Re-thinking the Etiological Framework of Neurodegeneration. Frontiers in Neuroscience, 2019, 13, 728.	2.8	56
18	The Association Between Recanalization, Collateral Flow, and Reperfusion in Acute Stroke Patients: A Dynamic Susceptibility Contrast MRI Study. Frontiers in Neurology, 2019, 10, 1147.	2.4	6

#	Article	IF	Citations
19	Predicting the Response to Non-invasive Brain Stimulation in Stroke. Frontiers in Neurology, 2019, 10, 302.	2.4	31
20	Longitudinal 19F magnetic resonance imaging of brain oxygenation in a mouse model of vascular cognitive impairment using a cryogenic radiofrequency coil. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 105-114.	2.0	7
21	Justify your alpha. Nature Human Behaviour, 2018, 2, 168-171.	12.0	310
22	The ratio between cerebral blood flow and Tmax predicts the quality of collaterals in acute ischemic stroke. PLoS ONE, 2018, 13, e0190811.	2.5	12
23	Relationship Between Changes in the Temporal Dynamics of the Blood-Oxygen-Level-Dependent Signal and Hypoperfusion in Acute Ischemic Stroke. Stroke, 2017, 48, 925-931.	2.0	44
24	DCE-MRI bloodâ€“brain barrier assessment in acute ischemic stroke. Neurology, 2017, 88, 433-440.	1.1	76
25	PET. , 2017, , 1-6.		0
26	Sensitivity of Diffusion-Weighted STEAM MRI and EPI-DWI to Infratentorial Ischemic Stroke. PLoS ONE, 2016, 11, e0161416.	2.5	12
27	Elevated levels of plasma homocysteine, deficiencies in dietary folic acid and uracilâ€“DNA glycosylase impair learning in a mouse model of vascular cognitive impairment. Behavioural Brain Research, 2015, 283, 215-226.	2.2	31