

Mohsen Ghafoorian

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

9,282
citations

623188

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docs citations

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times ranked

13751
citing authors

#	ARTICLE	IF	CITATIONS
1	White Matter Hyperintensities Are No Major Confounder for Alzheimer's Disease Cerebrospinal Fluid Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 163-175.	1.2	5
2	Evaluating White Matter Lesion Segmentations with Refined Sørensen-Dice Analysis. <i>Scientific Reports</i> , 2020, 10, 8242.	1.6	94
3	Gambling Adversarial Nets for Hard Sample Mining and Structured Prediction: Application in Ultrasound Thyroid Nodule Segmentation. <i>Lecture Notes in Computer Science</i> , 2020, , 513-522.	1.0	0
4	The role of small diffusion-weighted imaging lesions in cerebral small vessel disease. <i>Neurology</i> , 2019, 93, 10.1212/WNL.0000000000008364.	1.5	14
5	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2556-2568.	5.4	165
6	Cognitive consequences of regression of cerebral small vessel disease. <i>European Stroke Journal</i> , 2019, 4, 85-89.	2.7	12
7	Brain atrophy and strategic lesion location increases risk of parkinsonism in cerebral small vessel disease. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 94-100.	1.1	2
8	Automatic Needle Segmentation and Localization in MRI With 3-D Convolutional Neural Networks: Application to MRI-Targeted Prostate Biopsy. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1026-1036.	5.4	42
9	Memory decline in elderly with cerebral small vessel disease explained by temporal interactions between white matter hyperintensities and hippocampal atrophy. <i>Hippocampus</i> , 2019, 29, 500-510.	0.9	28
10	Progression of White Matter Hyperintensities Preceded by Heterogeneous Decline of Microstructural Integrity. <i>Stroke</i> , 2018, 49, 1386-1393.	1.0	66
11	Risk of Nursing Home Admission in Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 2659-2665.	1.0	3
12	Student beats the teacher: deep neural networks for lateral ventricles segmentation in brain MR. , 2018, , .		3
13	Cerebral microbleed detection in traumatic brain injury patients using 3D convolutional neural networks. , 2018, , .		2
14	Longitudinal multiple sclerosis lesion segmentation: Resource and challenge. <i>NeuroImage</i> , 2017, 148, 77-102.	2.1	215
15	Deep multi-scale location-aware 3D convolutional neural networks for automated detection of lacunes of presumed vascular origin. <i>NeuroImage: Clinical</i> , 2017, 14, 391-399.	1.4	99
16	Classification of clinical significance of MRI prostate findings using 3D convolutional neural networks. <i>Proceedings of SPIE</i> , 2017, 10134, .	0.8	42
17	Nonlinear temporal dynamics of cerebral small vessel disease. <i>Neurology</i> , 2017, 89, 1569-1577.	1.5	89
18	A survey on deep learning in medical image analysis. <i>Medical Image Analysis</i> , 2017, 42, 60-88.	7.0	7,976

#	ARTICLE	IF	CITATIONS
19	Location Sensitive Deep Convolutional Neural Networks for Segmentation of White Matter Hyperintensities. Scientific Reports, 2017, 7, 5110.	1.6	171
20	Transfer Learning for Domain Adaptation in MRI: Application in Brain Lesion Segmentation. Lecture Notes in Computer Science, 2017, , 516-524.	1.0	167
21	Automated detection of white matter hyperintensities of all sizes in cerebral small vessel disease. Medical Physics, 2016, 43, 6246-6258.	1.6	59
22	Accelerated development of cerebral small vessel disease in young stroke patients. Neurology, 2016, 87, 1212-1219.	1.5	25
23	Small white matter lesion detection in cerebral small vessel disease. Proceedings of SPIE, 2015, , .	0.8	3