Mariana Bento

List of Publications by Year
in descending order

15 papers	265 citations	1307594 7 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	453 citing authors

#	Article	IF	Citations
1	Automatic MR image quality evaluation using a Deep CNN: A reference-free method to rate motion artifacts in neuroimaging. Computerized Medical Imaging and Graphics, 2021, 90, 101897.	5.8	12
2	Deep Learning in Large and Multi-Site Structural Brain MR Imaging Datasets. Frontiers in Neuroinformatics, 2021, 15, 805669.	2.5	19
3	Supervised domain adaptation approach on heterogenous, multi-center MR imaging datasets. , 2021, , .		0
4	Dual-domain cascade of U-nets for multi-channel magnetic resonance image reconstruction. Magnetic Resonance Imaging, 2020, 71, 140-153.	1.8	28
5	A framework for quality control of corpus callosum segmentation in large-scale studies. Journal of Neuroscience Methods, 2020, 334, 108593.	2.5	8
6	Automatic identification of atherosclerosis subjects in a heterogeneous MR brain imaging data set. Magnetic Resonance Imaging, 2019, 62, 18-27.	1.8	10
7	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2556-2568.	8.9	165
8	Brain Extraction Network Trained with "Silver Standard" Data and Fine-Tuned with Manual Annotation for Improved Segmentation. , 2019, , .		0
9	Quality Control Framework for Large MR Datasets: Automated Approaches to Outlier Detection. IFMBE Proceedings, 2019, , 387-391.	0.3	0
10	Multicenter Imaging Studies: Automated Approach to Evaluating Data Variability and the Role of Outliers. , 2018, , .		1
11	Normal Brain Aging: Prediction of Age, Sex and White Matter Hyperintensities Using a MR Image-Based Machine Learning Technique. Lecture Notes in Computer Science, 2018, , 538-545.	1.3	3
12	Reliability of using single specialist annotation for designing and evaluating automatic segmentation methods: A skull stripping case study. , 2018, , .		1
13	WMH Segmentation Challenge: AÂTexture-Based Classification Approach. Lecture Notes in Computer Science, 2018, , 489-500.	1.3	4
14	Data-Driven Corpus Callosum Parcellation Method Through Diffusion Tensor Imaging. IEEE Access, 2017, 5, 22421-22432.	4.2	11
15	Probabilistic Segmentation of Brain White Matter Lesions Using Texture-Based Classification. Lecture Notes in Computer Science, 2017, , 71-78.	1.3	3