Roberto Medeiros de Souza

List of Publications by Year
in descending order

13 papers	328 citations	1040056 9 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	408 citing authors

#	Article	IF	Citations
1	A survey on RGB-D datasets. Computer Vision and Image Understanding, 2022, 222, 103489.	4.7	12
2	Hippocampal tail volume as a predictive biomarker of antidepressant treatment outcomes in patients with major depressive disorder: a CAN-BIND report. Neuropsychopharmacology, 2020, 45, 283-291.	5.4	37
3	Restoration of Lossy JPEG-Compressed Brain MR Images Using Cross-Domain Neural Networks. IEEE Signal Processing Letters, 2020, 27, 141-145.	3.6	10
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	Enhanced Deep-Learning-Based Magnetic Resonance Image Reconstruction by Leveraging Prior Subject-Specific Brain Imaging: Proof-of-Concept Using a Cohort of Presumed Normal Subjects. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 1126-1136.	10.8	12
6	Aberrant limbic brain structures in young individuals at risk for mental illness. Psychiatry and Clinical Neurosciences, 2020, 74, 294-302.	1.8	14
7	Automatic identification of atherosclerosis subjects in a heterogeneous MR brain imaging data set. Magnetic Resonance Imaging, 2019, 62, 18-27.	1.8	10
8	Testing a deep convolutional neural network for automated hippocampus segmentation in a longitudinal sample of healthy participants. NeuroImage, 2019, 197, 589-597.	4.2	24
9	A Hybrid Frequency-Domain/Image-Domain Deep Network for Magnetic Resonance Image Reconstruction. , 2019, , .		28
10	Quality Control Framework for Large MR Datasets: Automated Approaches to Outlier Detection. IFMBE Proceedings, 2019, , 387-391.	0.3	0
11	Multicenter Imaging Studies: Automated Approach to Evaluating Data Variability and the Role of Outliers. , 2018, , .		1
12	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
13	Nearest neighbors distance ratio open-set classifier. Machine Learning, 2017, 106, 359-386.	5.4	149