

Camilo Bermudez

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

566
citations

933447

10
h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural MRI-Based Measures of Accelerated Brain Aging do not Moderate the Acute Antidepressant Response in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 1015-1025.	1.2	7
2	pyPheWAS: A Phenome-Disease Association Tool for Electronic Medical Record Analysis. <i>Neuroinformatics</i> , 2022, 20, 483-505.	2.8	9
3	High-resolution 3D abdominal segmentation with random patch network fusion. <i>Medical Image Analysis</i> , 2021, 69, 101894.	11.6	26
4	Phase identification for dynamic CT enhancements with generative adversarial network. <i>Medical Physics</i> , 2021, 48, 1276-1285.	3.0	4
5	Body Part Regression With Self-Supervision. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1499-1507.	8.9	10
6	Distributed deep learning across multisite datasets for generalized CT hemorrhage segmentation. <i>Medical Physics</i> , 2020, 47, 89-98.	3.0	28
7	Anatomical context protects deep learning from adversarial perturbations in medical imaging. <i>Neurocomputing</i> , 2020, 379, 370-378.	5.9	29
8	Accelerated brain aging predicts impaired cognitive performance and greater disability in geriatric but not midlife adult depression. <i>Translational Psychiatry</i> , 2020, 10, 317.	4.8	37
9	Extracting 2D weak labels from volume labels using multiple instance learning in CT hemorrhage detection. , 2020, 11313, .		4
10	Generalizing deep whole-brain segmentation for post-contrast MRI with transfer learning. <i>Journal of Medical Imaging</i> , 2020, 7, 064004.	1.5	4
11	Contrast phase classification with a generative adversarial network. , 2020, 11313, .		4
12	Generalizing Deep Whole Brain Segmentation for Pediatric and Post- Contrast MRI with Augmented Transfer Learning. <i>Proceedings of SPIE</i> , 2020, 11313, .	0.8	1
13	Anatomical context improves deep learning on the brain age estimation task. <i>Magnetic Resonance Imaging</i> , 2019, 62, 70-77.	1.8	32
14	Registration-based image enhancement improves multi-atlas segmentation of the thalamic nuclei and hippocampal subfields. <i>Magnetic Resonance Imaging</i> , 2019, 59, 143-152.	1.8	12
15	3D whole brain segmentation using spatially localized atlas network tiles. <i>NeuroImage</i> , 2019, 194, 105-119.	4.2	183
16	Towards machine learning prediction of deep brain stimulation (DBS) intra-operative efficacy maps. , 2019, 10949, .		11
17	Distributed deep learning for robust multi-site segmentation of CT imaging after traumatic brain injury. , 2019, 10949, .		12
18	Coronary calcium detection using 3D attention identical dual deep network based on weakly supervised learning. , 2019, 10949, .		9

#	ARTICLE	IF	CITATIONS
19	Harmonizing 1.5T/3T diffusion weighted MRI through development of deep learning stabilized microarchitecture estimators. , 2019, 10949, .		5
20	Alterations of network synchrony after epileptic seizures: An analysis of post-ictal intracranial recordings in pediatric epilepsy patients. Epilepsy Research, 2018, 143, 41-49.	1.6	4
21	Splenomegaly segmentation using global convolutional kernels and conditional generative adversarial networks. , 2018, 10574, .		29
22	A data colocation grid framework for big data medical image processing: backend design. , 2018, 10597, .		4
23	Learning implicit brain MRI manifolds with deep learning. , 2018, 10574, .		51
24	EMR-Radiological Phenotypes in Diseases of the Optic Nerve and Their Association with Visual Function. Lecture Notes in Computer Science, 2017, 2017, 373-381.	1.3	4
25	Spatiotemporal Mapping of Interictal Spike Propagation: A Novel Methodology Applied to Pediatric Intracranial EEG Recordings. Frontiers in Neurology, 2016, 7, 229.	2.4	23
26	Independent Preoperative Predictors of Prolonged Length of Stay after Laparoscopic Appendectomy in Patients Over 30 Years of Age: Experience from a Single Institution. American Surgeon, 2016, 82, 1092-1097.	0.8	2
27	Suppressing cAMP response element-binding protein transcription shortens the duration of status epilepticus and decreases the number of spontaneous seizures in the pilocarpine model of epilepsy. Epilepsia, 2015, 56, 1870-1878.	5.1	22