

Camilo Bermudez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6922688/publications.pdf>

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	3D whole brain segmentation using spatially localized atlas network tiles. <i>NeuroImage</i> , 2019, 194, 105-119.	4.2	183
2	Learning implicit brain MRI manifolds with deep learning. , 2018, 10574, .		51
3	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
4	Anatomical context improves deep learning on the brain age estimation task. <i>Magnetic Resonance Imaging</i> , 2019, 62, 70-77.	1.8	32
5	Splenomegaly segmentation using global convolutional kernels and conditional generative adversarial networks. , 2018, 10574, .		29
6	Anatomical context protects deep learning from adversarial perturbations in medical imaging. <i>Neurocomputing</i> , 2020, 379, 370-378.	5.9	29
7	Distributed deep learning across multisite datasets for generalized CT hemorrhage segmentation. <i>Medical Physics</i> , 2020, 47, 89-98.	3.0	28
8	High-resolution 3D abdominal segmentation with random patch network fusion. <i>Medical Image Analysis</i> , 2021, 69, 101894.	11.6	26
9	Spatiotemporal Mapping of Interictal Spike Propagation: A Novel Methodology Applied to Pediatric Intracranial EEG Recordings. <i>Frontiers in Neurology</i> , 2016, 7, 229.	2.4	23
10	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. <i>Epilepsia</i> , 2015, 56, 1870-1878.	5.1	22
11	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
12	Distributed deep learning for robust multi-site segmentation of CT imaging after traumatic brain injury. , 2019, 10949, .		12
13	Towards machine learning prediction of deep brain stimulation (DBS) intra-operative efficacy maps. , 2019, 10949, .		11
14	Body Part Regression With Self-Supervision. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1499-1507.	8.9	10
15	Coronary calcium detection using 3D attention identical dual deep network based on weakly supervised learning. , 2019, 10949, .		9
16	pyPheWAS: A Phenome-Disease Association Tool for Electronic Medical Record Analysis. <i>Neuroinformatics</i> , 2022, 20, 483-505.	2.8	9
17	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
18	Harmonizing 1.5T/3T diffusion weighted MRI through development of deep learning stabilized microarchitecture estimators. , 2019, 10949, .		5

#	ARTICLE	IF	CITATIONS
19	Alterations of network synchrony after epileptic seizures: An analysis of post-ictal intracranial recordings in pediatric epilepsy patients. <i>Epilepsy Research</i> , 2018, 143, 41-49.	1.6	4
20	A data colocation grid framework for big data medical image processing: backend design. , 2018, 10597, .		4
21	Phase identification for dynamic CT enhancements with generative adversarial network. <i>Medical Physics</i> , 2021, 48, 1276-1285.	3.0	4
22	Extracting 2D weak labels from volume labels using multiple instance learning in CT hemorrhage detection. , 2020, 11313, .		4
23	EMR-Radiological Phenotypes in Diseases of the Optic Nerve and Their Association with Visual Function. <i>Lecture Notes in Computer Science</i> , 2017, 2017, 373-381.	1.3	4
24	Generalizing deep whole-brain segmentation for post-contrast MRI with transfer learning. <i>Journal of Medical Imaging</i> , 2020, 7, 064004.	1.5	4
25	Contrast phase classification with a generative adversarial network. , 2020, 11313, .		4
26	Independent Preoperative Predictors of Prolonged Length of Stay after Laparoscopic Appendectomy in Patients Over 30 Years of Age: Experience from a Single Institution. <i>American Surgeon</i> , 2016, 82, 1092-1097.	0.8	2
27	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