

Laura Mancini

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

753
citations

623734

14
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.	4.2	94
2	ApoE influences regional white-matter axonal density loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 57, 8-17.	3.1	82
3	Uncovering the underlying mechanisms and whole-brain dynamics of deep brain stimulation for Parkinson's disease. <i>Scientific Reports</i> , 2017, 7, 9882.	3.3	79
4	Connectivity-based parcellation of the thalamus in multiple sclerosis and its implications for cognitive impairment: A multicenter study. <i>Human Brain Mapping</i> , 2015, 36, 2809-2825.	3.6	69
5	Preventing visual field deficits from neurosurgery. <i>Neurology</i> , 2014, 83, 604-611.	1.1	67
6	World Health Organization Grade II/III Glioma Molecular Status: Prediction by MRI Morphologic Features and Apparent Diffusion Coefficient. <i>Radiology</i> , 2020, 296, 111-121.	7.3	62
7	The Safety of Using Body-Transmit MRI in Patients with Implanted Deep Brain Stimulation Devices. <i>PLoS ONE</i> , 2015, 10, e0129077.	2.5	46
8	Deep brain stimulation has state-dependent effects on motor connectivity in Parkinson's disease. <i>Brain</i> , 2019, 142, 2417-2431.	7.6	33
9	A modality-adaptive method for segmenting brain tumors and organs-at-risk in radiation therapy planning. <i>Medical Image Analysis</i> , 2019, 54, 220-237.	11.6	31
10	Correlates of Executive Functions in Multiple Sclerosis Based on Structural and Functional MR Imaging: Insights from a Multicenter Study. <i>Radiology</i> , 2016, 280, 869-879.	7.3	29
11	Design, Operation, and Safety of Single-Room Interventional MRI Suites: Practical Experience From Two Centers. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 34-43.	3.4	26
12	Functional neuroanatomy of spatial sound processing in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016, 39, 154-164.	3.1	25
13	Imaging characteristics of H3 K27M histone-mutant diffuse midline glioma in teenagers and adults. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 43-56.	2.0	21
14	Susceptibility artefact correction using dynamic graph cuts: Application to neurosurgery. <i>Medical Image Analysis</i> , 2014, 18, 1132-1142.	11.6	19
15	Somatotopic organization of corticospinal/corticobulbar motor tracts in controls and patients with tumours: A combined fMRI-DTI study. <i>NeuroImage: Clinical</i> , 2019, 23, 101910.	2.7	12
16	CEST MRI provides amide/amine surrogate biomarkers for treatment-naïve glioma sub-typing. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2377-2391.	6.4	12
17	Regional and Volumetric Parameters for Diffusion-Weighted WHO Grade II and III Glioma Genotyping: A Method Comparison. <i>American Journal of Neuroradiology</i> , 2021, 42, 441-447.	2.4	9
18	Objective Bayesian fMRI analysis: a pilot study in different clinical environments. <i>Frontiers in Neuroscience</i> , 2015, 9, 168.	2.8	8

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19	Acquisition of sensorimotor fMRI under general anaesthesia: Assessment of feasibility, the BOLD response and clinical utility. <i>NeuroImage: Clinical</i> , 2019, 23, 101923.	2.7	8
20	A Semiautomatic Method for Multiple Sclerosis Lesion Segmentation on Dual-Echo MR Imaging: Application in a Multicenter Context. <i>American Journal of Neuroradiology</i> , 2016, 37, 2043-2049.	2.4	5
21	The Effect of Right Temporal Lobe Gliomas on Left and Right Hemisphere Neural Processing During Speech Perception and Production Tasks. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	2.0	5
22	Is Diffusion Tensor Imaging-Guided Radiotherapy the New State-of-the-Art? A Review of the Current Literature and Technical Insights. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 816.	2.5	1
23	[P4â€“230]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNGâ€“ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1359.	0.8	0
24	[Icâ€“Pâ€“1.68]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNGâ€“ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P127.	0.8	0