

Giuseppe Barisano

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,380
citations

623734

14
h-index

580821

25
g-index

42
all docs

42
docs citations

42
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	APOE4 leads to blood-brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020, 581, 71-76.	27.8	705
2	Image processing approaches to enhance perivascular space visibility and quantification using MRI. <i>Scientific Reports</i> , 2019, 9, 12351.	3.3	67
3	Clinical 7 T MRI: Are we there yet? A review about magnetic resonance imaging at ultra-high field. <i>British Journal of Radiology</i> , 2019, 92, 20180492.	2.2	66
4	Perivascular space fluid contributes to diffusion tensor imaging changes in white matter. <i>NeuroImage</i> , 2019, 197, 243-254.	4.2	62
5	Body mass index, time of day and genetics affect perivascular spaces in the white matter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1563-1578.	4.3	57
6	Effects of ambient particulate matter on vascular tissue: a review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2020, 23, 319-350.	6.5	47
7	Volumetric distribution of perivascular space in relation to mild cognitive impairment. <i>Neurobiology of Aging</i> , 2021, 99, 28-43.	3.1	45
8	Blood-brain barrier link to human cognitive impairment and Alzheimer's disease. , 2022, 1, 108-115.		45
9	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. <i>Scientific Data</i> , 2022, 9, .	5.3	33
10	Assessing test-retest reliability of phase contrast MRI for measuring cerebrospinal fluid and cerebral blood flow dynamics. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 658-670.	3.0	30
11	Imaging perivascular space structure and function using brain MRI. <i>NeuroImage</i> , 2022, 257, 119329.	4.2	29
12	Analytic Tools for Post-traumatic Epileptogenesis Biomarker Search in Multimodal Dataset of an Animal Model and Human Patients. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 86.	2.5	28
13	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120439119.	7.1	26
14	Evaluation of Cerebral Blood Flow Measured by 3D PCASL as Biomarker of Vascular Cognitive Impairment and Dementia (VCID) in a Cohort of Elderly Latinx Subjects at Risk of Small Vessel Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 627627.	2.8	25
15	Perivascular Space Imaging at Ultrahigh Field MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 67-75.	1.1	19
16	A Machine Learning Model to Predict Seizure Susceptibility from Resting-State fMRI Connectivity. , 2019, , .		17
17	Prevalence of dementia and mild cognitive impairment in indigenous Bolivian forager-horticulturalists. <i>Alzheimer's and Dementia</i> , 2023, 19, 44-55.	0.8	14
18	Nonparenchymal fluid is the source of increased mean diffusivity in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 348-354.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. <i>Journal of the American Heart Association</i> , 2022, 11, e025109.	3.7	8
20	Signal Hyperintensity on Unenhanced T1-Weighted Brain and Cervical Spinal Cord MR Images after Multiple Doses of Linear Gadolinium-Based Contrast Agent. <i>American Journal of Neuroradiology</i> , 2019, 40, 1274-1281.	2.4	7
21	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. <i>Brain Communications</i> , 2021, 3, fcb254.	3.3	7
22	7-Tesla MRI of the brain in a research subject with bilateral, total knee replacement implants: Case report and proposed safety guidelines. <i>Magnetic Resonance Imaging</i> , 2019, 57, 313-316.	1.8	5
23	Complications of Radiotherapy and Radiosurgery in the Brain and Spine. <i>Neurographics</i> , 2018, 8, 167-187.	0.2	4
24	Minocycline decreases blood-brain barrier permeability following aneurysmal subarachnoid hemorrhage: a randomized, double-blind, controlled trial. <i>Journal of Neurosurgery</i> , 2022, 136, 1251-1259.	1.6	3
25	Alteration of perivascular spaces in early cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e045605.	0.8	2
26	Distribution and volume analysis of early hemorrhagic contusions by MRI after traumatic brain injury: a preliminary report of the Epilepsy Bioinformatics Study for Antiepileptogenic Therapy (EpiBioS4Rx). <i>Brain Imaging and Behavior</i> , 2021, 15, 2804-2812.	2.1	2
27	Lesion Normalization and Supervised Learning in Post-traumatic Seizure Classification with Diffusion MRI. <i>Lecture Notes in Computer Science</i> , 2021, , 133-143.	1.3	1
28	Reply to Wostyn et Al.: Potential models for perivascular space (PVS) enlargement and spaceflight-associated neuro-ocular syndrome (SANS). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	1
29	05â€1â€06: HIGH RESOLUTION 3D BLACK BLOOD MRI OF HUMAN LENTICULOSTRIATE ARTERIES AS AN IMAGING BIOMARKER FOR VASCULAR COGNITIVE IMPAIRMENT AND DEMENTIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P1641.	0.8	0
30	ICâ€Pâ€085: CHARACTERIZATION OF LENTICULOSTRIATE ARTERIES USING ARTERIAL SPIN LABELING AND HIGHâ€RESOLUTION 3D BLACKâ€BLOOD MRI AS AN IMAGING MARKER IN VASCULAR COGNITIVE IMPAIRMENT AND DEMENTIA. <i>Alzheimer's and Dementia</i> , 2019, 15, P75.	0.8	0
31	Editorial for â€â€MRIâ€Basedâ€ Investigation of Association Between Cerebrovascular Structural Alteration and White Matter Hyperintensity Induced by High Blood Pressureâ€. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1527-1528.	3.4	0
32	The relationship between bloodâ€brain barrier permeability and cerebral blood flow in cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0