Giuseppe Barisano

List of Publications by Year
in descending order

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	Prevalence of dementia and mild cognitive impairment in indigenous Bolivian foragerâ€horticulturalists. Alzheimer's and Dementia, 2023, 19, 44-55.	0.8	14
2	Bloodâ€“brain barrier link to human cognitive impairment and Alzheimerâ€™s disease. , 2022, 1, 108-115.		45
3	Minocycline decreases blood-brain barrier permeability following aneurysmal subarachnoid hemorrhage: a randomized, double-blind, controlled trial. Journal of Neurosurgery, 2022, 136, 1251-1259.	1.6	3
4	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120439119.	7.1	26
5	Chronic Stroke Sensorimotor Impairment Is Related to Smaller Hippocampal Volumes: An ENIGMA Analysis. Journal of the American Heart Association, 2022, 11, e025109.	3.7	8
6	Imaging perivascular space structure and function using brain MRI. NeuroImage, 2022, 257, 119329.	4.2	29
7	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. Scientific Data, 2022, 9, .	5.3	33
8	Reply to Wostyn etÂal.: Potential models for perivascular space (PVS) enlargement and spaceflight-associated neuro-ocular syndrome (SANS). Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	1
9	Body mass index, time of day and genetics affect perivascular spaces in the white matter. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1563-1578.	4.3	57
10	Lesion Normalization and Supervised Learning in Post-traumatic Seizure Classification with Diffusion MRI. Lecture Notes in Computer Science, 2021, , 133-143.	1.3	1
11	Perivascular Space Imaging at Ultrahigh Field MR Imaging. Magnetic Resonance Imaging Clinics of North America, 2021, 29, 67-75.	1.1	19
12	Volumetric distribution of perivascular space in relation to mild cognitive impairment. Neurobiology of Aging, 2021, 99, 28-43.	3.1	45
13	Editorial for â€œ<scp>MRIâ€Based</scp> Investigation of Association Between Cerebrovascular Structural Alteration and White Matter Hyperintensity Induced by High Blood Pressureâ€. Journal of Magnetic Resonance Imaging, 2021, 54, 1527-1528.	3.4	0
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. Frontiers in Neuroscience, 2021, 15, 627627.	2.8	25
15	Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. Brain Communications, 2021, 3, fcab254.	3.3	7
16	The relationship between bloodâ€brain barrier permeability and cerebral blood flow in cognitive impairment. Alzheimer's and Dementia, 2021, 17, .	0.8	0
17	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). Brain Imaging and Behavior, 2021, 15, 2804-2812.	2.1	2
18	Effects of ambient particulate matter on vascular tissue: a review. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2020, 23, 319-350.	6.5	47

#	Article	IF	Citations
19	Alteration of perivascular spaces in early cognitive decline. Alzheimer's and Dementia, 2020, 16, e045605.	0.8	2
20	APOE4 leads to bloodâ€“brain barrier dysfunction predicting cognitive decline. Nature, 2020, 581, 71-76.	27.8	705
21	Signal Hyperintensity on Unenhanced T1-Weighted Brain and Cervical Spinal Cord MR Images after Multiple Doses of Linear Gadolinium-Based Contrast Agent. American Journal of Neuroradiology, 2019, 40, 1274-1281.	2.4	7
22	Image processing approaches to enhance perivascular space visibility and quantification using MRI. Scientific Reports, 2019, 9, 12351.	3.3	67
23	A Machine Learning Model to Predict Seizure Susceptibility from Resting-State fMRI Connectivity. , 2019, , .		17
24	Perivascular space fluid contributes to diffusion tensor imaging changes in white matter. NeuroImage, 2019, 197, 243-254.	4.2	62
25	Nonparenchymal fluid is the source of increased mean diffusivity in preclinical Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 348-354.	2.4	11
26	Assessing testâ€“retest reliability of phase contrast MRI for measuring cerebrospinal fluid and cerebral blood flow dynamics. Magnetic Resonance in Medicine, 2019, 82, 658-670.	3.0	30
27	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. Alzheimer's and Dementia, 2019, 15, P75.	0.8	0
28	Clinical 7 T MRI: Are we there yet? A review about magnetic resonance imaging at ultra-high field. British Journal of Radiology, 2019, 92, 20180492.	2.2	66
29	7-Tesla MRI of the brain in a research subject with bilateral, total knee replacement implants: Case report and proposed safety guidelines. Magnetic Resonance Imaging, 2019, 57, 313-316.	1.8	5
30	Analytic Tools for Post-traumatic Epileptogenesis Biomarker Search in Multimodal Dataset of an Animal Model and Human Patients. Frontiers in Neuroinformatics, 2018, 12, 86.	2.5	28
31	O5â€01â€06: HIGH RESOLUTION 3D BLACK BLOOD MRI OF HUMAN LENTICULOSTRIATE ARTERIES AS AN IMAGING BIOMARKER FOR VASCULAR COGNITIVE IMPAIRMENT AND DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1641.	0.8	0
32	Complications of Radiotherapy and Radiosurgery in the Brain and Spine. Neurographics, 2018, 8, 167-187.	0.2	4