Maria Eugenia Caligiuri

List of Publications by Year
in descending order

47 papers	1,417 citations	471509 17 h-index	377865 34 g-index
53 all docs	53 docs citations	53 times ranked	3004 citing authors

#	Article	IF	Citations
1	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. Brain, 2018, 141, 391-408.	7.6	352
2	Automatic Detection of White Matter Hyperintensities in Healthy Aging and Pathology Using Magnetic Resonance Imaging: A Review. Neuroinformatics, 2015, 13, 261-276.	2.8	127
3	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. Brain, 2020, 143, 2454-2473.	7.6	123
4	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. Science Advances, 2020, 6, .	10.3	97
5	Importance of Multimodal MRI in Characterizing Brain Tissue and Its Potential Application for Individual Age Prediction. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1232-1239.	6.3	65
6	Structural connectivity differences in motor network between tremor-dominant and nontremor Parkinson's disease. Human Brain Mapping, 2017, 38, 4716-4729.	3.6	57
7	Magnetic resonance support vector machine discriminates between Parkinson disease and progressive supranuclear palsy. Movement Disorders, 2014, 29, 266-269.	3.9	56
8	The <scp>ENIGMAâ€Epilepsy</scp> working group: Mapping disease from large data sets. Human Brain Mapping, 2022, 43, 113-128.	3.6	47
9	Cerebellar involvement in essential tremor with and without resting tremor: A Diffusion Tensor Imaging study. Parkinsonism and Related Disorders, 2016, 27, 61-66.	2.2	36
10	Structural connectivity differences in essential tremor with and without resting tremor. Journal of Neurology, 2017, 264, 1865-1874.	3.6	36
11	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. Epilepsia, 2022, 63, 61-74.	5.1	36
12	Circulating microRNAs as Potential Novel Diagnostic Biomarkers to Predict Drug Resistance in Temporal Lobe Epilepsy: A Pilot Study. International Journal of Molecular Sciences, 2021, 22, 702.	4.1	30
13	CADAâ€"computer-aided DaTSCAN analysis. EJNMMI Physics, 2016, 3, 4.	2.7	28
14	Imaging counterpart of postural instability and vertical ocular dysfunction in patients with PSP: A multimodal MRI study. Parkinsonism and Related Disorders, 2019, 63, 124-130.	2.2	25
15	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. NeuroImage: Clinical, 2021, 31, 102765.	2.7	25
16	The relationship between regional microstructural abnormalities of the corpus callosum and physical and cognitive disability in relapsingâ€"remitting multiple sclerosis. NeuroImage: Clinical, 2015, 7, 28-33.	2.7	24
17	A systemsâ€level analysis highlights microglial activation as a modifying factor in common epilepsies. Neuropathology and Applied Neurobiology, 2022, 48, .	3.2	22
18	A Fully Automated, Atlas-Based Approach for Superior Cerebellar Peduncle Evaluation in Progressive Supranuclear Palsy Phenotypes. American Journal of Neuroradiology, 2017, 38, 523-530.	2.4	20

#	Article	IF	Citations
19	Alteration of Iron Concentration in Alzheimer's Disease as a Possible Diagnostic Biomarker Unveiling Ferroptosis. International Journal of Molecular Sciences, 2021, 22, 4479.	4.1	18
20	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. Brain, 2022, 145, 1285-1298.	7.6	18
21	Integrity of the corpus callosum in patients with benign temporal lobe epilepsy. Epilepsia, 2016, 57, 590-596.	5.1	17
22	Microstructural changes of normal-appearing white matter in Vascular Parkinsonism. Parkinsonism and Related Disorders, 2019, 63, 60-65.	2.2	16
23	Alterations of putaminal shape in de novo Parkinson's disease. Movement Disorders, 2016, 31, 676-683.	3.9	15
24	3 T magnetic resonance imaging simultaneous automated multimodal approach improves detection of ambiguous visual hippocampal sclerosis. European Journal of Neurology, 2015, 22, 725.	3.3	13
25	Perampanel as first add-on choice on the treatment of mesial temporal lobe epilepsy: an observational real-life study. Neurological Sciences, 2021, 42, 1389-1394.	1.9	13
26	Microstructural changes in normal-appearing white matter in male sleep apnea patients are reversible after treatment: A pilot study. Journal of Neuroscience Research, 2021, 99, 2646-2656.	2.9	13
27	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. Epilepsia, 2022, 63, 2081-2095.	5.1	11
28	Multimodal assessment of normal-appearing corpus callosum is a useful marker of disability in relapsing–remitting multiple sclerosis: an MRI cluster analysis study. Journal of Neurology, 2018, 265, 2243-2250.	3.6	9
29	Orbito-frontal thinning together with a somatoform dissociation might be the fingerprint of PNES. Epilepsy and Behavior, 2021, 121, 108044.	1.7	9
30	Psychiatric Assessment in Patients with Mild Temporal Lobe Epilepsy. Behavioural Neurology, 2019, 2019, 1-9.	2.1	8
31	Late drug-resistance in mild MTLE: Can it be influenced by preexisting white matter alterations?. Epilepsia, 2020, 61, 924-934.	5.1	7
32	Neurochemical Correlates of Brain Atrophy in Fibromyalgia Syndrome: A Magnetic Resonance Spectroscopy and Cortical Thickness Study. Brain Sciences, 2020, 10, 395.	2.3	6
33	Looking for indicative magnetic resonance imaging signs of hippocampal developmental abnormalities in patients with mesial temporal lobe epilepsy and healthy controls. Epilepsia, 2020, 61, 1714-1722.	5.1	5
34	Semi-automated assessment of the principal diffusion direction in the corpus callosum: differentiation of idiopathic normal pressure hydrocephalus from neurodegenerative diseases. Journal of Neurology, 2022, 269, 1978-1988.	3.6	5
35	Patterns and predictors of language representation and the influence of epilepsy surgery on language reorganization in children and young adults with focal lesional epilepsy. PLoS ONE, 2020, 15, e0238389.	2.5	3
36	Superior Cerebellar Peduncle Atrophy Predicts Cognitive Impairment in Relapsing Remitting Multiple Sclerosis Patients with Cerebellar Symptoms: A DTI Study. Journal of Multiple Sclerosis, 2017, 04, .	0.1	2

#	Article	IF	Citations
37	Brain tissues atrophy is not always the best structural biomarker of physiological aging: A multimodal cross-sectional study. , 2015, 2015, 5436-40.		1
38	High-Field 3 T Imaging of Alzheimerâ€™s Disease. , 2017, , 255-269.		1
39	The impact of one-year COVID-19 containment measures in patients with mesial temporal lobe epilepsy: A longitudinal survey-based study. Epilepsy and Behavior, 2022, 128, 108600.	1.7	1
40	High-Field Neuroimaging in Parkinsonâ€™s Disease. , 2017, , 239-253.		0
41	Editorial for â€œLongitudinal Reproducibility of MR Perfusion Using 3D Pseudocontinuous Arterial Spin Labeling With Hadamardâ€Encoded Multiple Postlabeling Delaysâ€. Journal of Magnetic Resonance Imaging, 2020, 51, 1854-1855.	3.4	0
42	Editorial for â€œSmallâ€World Networks and Their Relationship With Hippocampal Glutamine/Glutamate (Glx) Concentration in Healthy Adults With Varying Genetic Risk for Alzheimer's Diseaseâ€. Journal of Magnetic Resonance Imaging, 2021, 54, 962-963.	3.4	0
43	E02â€¦Longitudinal hybrid PET/MRI in juvenile-onset huntington disease (joHD). , 2021, , .		0
44	Abnormal cortical and subcortical structure in juvenile myoclonic epilepsy demonstrated with advanced MRI analysis. Journal of the Neurological Sciences, 2021, 429, 118300.	0.6	0
45	Random-forest classification of psychogenic non-epileptic seizures and temporal lobe epilepsy. Journal of the Neurological Sciences, 2021, 429, 117781.	0.6	0
46	A multimodal neuroimaging approach to non lesional frontal lobe epilepsy. Journal of the Neurological Sciences, 2021, 429, 117689.	0.6	0
47	Nerve Pathways with MR Tractography. , 2017, , 89-111.		0