

Maria Petracca

List of Publications by Year in descending order

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86
papers

1,943
citations

304743

22
h-index

302126

39
g-index

89
all docs

89
docs citations

89
times ranked

3035
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease-Modifying Therapies and Coronavirus Disease 2019 Severity in Multiple Sclerosis. <i>Annals of Neurology</i> , 2021, 89, 780-789.	5.3	370
2	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
3	DMTs and Covid-19 severity in MS: a pooled analysis from Italy and France. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1738-1744.	3.7	86
4	Brain intra- and extracellular sodium concentration in multiple sclerosis: a 7 T MRI study. <i>Brain</i> , 2016, 139, 795-806.	7.6	76
5	A phase 2 multicenter study of ublituximab, a novel glycoengineered anti-CD20 monoclonal antibody, in patients with relapsing forms of multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 420-429.	3.0	73
6	Tract-specific white matter correlates of fatigue and cognitive impairment in benign multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2013, 330, 61-66.	0.6	56
7	Cerebellar lobule atrophy and disability in progressive MS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 1065-1072.	1.9	47
8	COVID-19 pandemic and mental distress in multiple sclerosis: implications for clinical management. <i>European Journal of Neurology</i> , 2020, 28, 3375-3383.	3.3	47
9	Cerebellum and neurodegenerative diseases: Beyond conventional magnetic resonance imaging. <i>World Journal of Radiology</i> , 2017, 9, 371-388.	1.1	44
10	Sodium MRI of multiple sclerosis. <i>NMR in Biomedicine</i> , 2016, 29, 153-161.	2.8	43
11	Retinal degeneration in primary-progressive multiple sclerosis: A role for cortical lesions?. <i>Multiple Sclerosis Journal</i> , 2017, 23, 43-50.	3.0	40
12	MRI features suggestive of gadolinium retention do not correlate with Expanded Disability Status Scale worsening in Multiple Sclerosis. <i>Neuroradiology</i> , 2019, 61, 155-162.	2.2	38
13	Mild or no COVID-19 symptoms in cladribine-treated multiple sclerosis: Two cases and implications for clinical practice. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 45, 102452.	2.0	37
14	Body Mass Index in Multiple Sclerosis modulates ceramide-induced DNA methylation and disease course. <i>EBioMedicine</i> , 2019, 43, 392-410.	6.1	36
15	A metabolic perspective on CSF-mediated neurodegeneration in multiple sclerosis. <i>Brain</i> , 2019, 142, 2756-2774.	7.6	35
16	Peripapillary Vessel Density as Early Biomarker in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 542.	2.4	35
17	Association of Deep Gray Matter Damage With Cortical and Spinal Cord Degeneration in Primary Progressive Multiple Sclerosis. <i>JAMA Neurology</i> , 2015, 72, 1466.	9.0	32
18	Synchronization and variability imbalance underlie cognitive impairment in primary-progressive multiple sclerosis. <i>Scientific Reports</i> , 2017, 7, 46411.	3.3	27

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19	Non-invasive quantification of inflammation, axonal and myelin injury in multiple sclerosis. <i>Brain</i> , 2021, 144, 213-223.	7.6	27
20	Longitudinal assessment of immuno-metabolic parameters in multiple sclerosis patients during treatment with glatiramer acetate. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1112-1121.	3.4	26
21	Sensory-motor network topology in multiple sclerosis: Structural connectivity analysis accounting for intrinsic density discrepancy. <i>Human Brain Mapping</i> , 2020, 41, 2951-2963.	3.6	26
22	MRI in multiple sclerosis: clinical and research update. <i>Current Opinion in Neurology</i> , 2018, 31, 249-255.	3.6	25
23	Neuroimaging of Multiple Sclerosis, Acute Disseminated Encephalomyelitis, and Other Demyelinating Diseases. <i>Seminars in Roentgenology</i> , 2014, 49, 76-85.	0.6	24
24	Exit Strategies in Natalizumab-Treated RRMS at High Risk of Progressive Multifocal Leukoencephalopathy: a Multicentre Comparison Study. <i>Neurotherapeutics</i> , 2021, 18, 1166-1174.	4.4	24
25	Relationship between retinal inner nuclear layer, age, and disease activity in progressive MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e596.	6.0	23
26	Neuroimaging Correlates of Cognitive Dysfunction in Adults with Multiple Sclerosis. <i>Brain Sciences</i> , 2021, 11, 346.	2.3	23
27	Imaging multiple sclerosis and other neurodegenerative diseases. <i>Prion</i> , 2013, 7, 47-54.	1.8	22
28	Clinical applications of ultra-high field magnetic resonance imaging in multiple sclerosis. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 221-230.	2.8	20
29	Cerebellum and cognition in progressive MS patients: functional changes beyond atrophy?. <i>Journal of Neurology</i> , 2018, 265, 2260-2266.	3.6	20
30	Interleukin-10 and Interleukin-12 Modulation in Patients with Relapsing-Remitting Multiple Sclerosis on Therapy with Interferon-beta 1a: Differences in Responders and Non Responders. <i>Immunopharmacology and Immunotoxicology</i> , 2008, 30, 915-923.	2.4	19
31	Prevalence of SARS-CoV-2 Antibodies in Multiple Sclerosis: The Hidden Part of the Iceberg. <i>Journal of Clinical Medicine</i> , 2020, 9, 4066.	2.4	19
32	Unraveling Deep Gray Matter Atrophy and Iron and Myelin Changes in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2021, 42, 1223-1230.	2.4	19
33	Cerebellar volume as imaging outcome in progressive multiple sclerosis. <i>PLoS ONE</i> , 2017, 12, e0176519.	2.5	19
34	An MRI evaluation of grey matter damage in African Americans with MS. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 25, 29-36.	2.0	18
35	2D linear measures of ventricular enlargement may be relevant markers of brain atrophy and long-term disability progression in multiple sclerosis. <i>European Radiology</i> , 2020, 30, 3813-3822.	4.5	18
36	Therapeutic strategies in multiple sclerosis: A focus on neuroprotection and repair and relevance to schizophrenia. <i>Schizophrenia Research</i> , 2015, 161, 94-101.	2.0	16

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37	Upper motor neuron evaluation in multiple sclerosis patients treated with Sativex. Acta Neurologica Scandinavica, 2017, 135, 442-448.	2.1	16
38	Brain microstructural injury occurs in patients with RRMS despite "no evidence of disease activity". Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 977-982.	1.9	16
39	Machine learning classifier to identify clinical and radiological features relevant to disability progression in multiple sclerosis. Journal of Neurology, 2021, 268, 4834-4845.	3.6	16
40	Prospective study to evaluate efficacy, safety and tolerability of dietary supplement of Curcumin (BCM95) in subjects with Active relapsing Multiple Sclerosis treated with subcutaneous Interferon beta 1a 44 mcg TIW (CONTAIN): A randomized, controlled trial. Multiple Sclerosis and Related Disorders, 2021, 56, 103274.	2.0	16
41	Glossopharyngeal Neuralgia as Onset of Multiple Sclerosis. Clinical Journal of Pain, 2009, 25, 737-739.	1.9	15
42	Monitoring Progressive Multiple Sclerosis with Novel Imaging Techniques. Neurology and Therapy, 2018, 7, 265-285.	3.2	14
43	Stratification of multiple sclerosis patients using unsupervised machine learning: a single-visit MRI-driven approach. European Radiology, 2022, 32, 5382-5391.	4.5	13
44	The relationship between cortical lesions and periventricular NAWM abnormalities suggests a shared mechanism of injury in primary-progressive MS. NeuroImage: Clinical, 2017, 16, 111-115.	2.7	12
45	Axonal water fraction as marker of white matter injury in primary-progressive multiple sclerosis: a longitudinal study. European Journal of Neurology, 2019, 26, 1068-1074.	3.3	11
46	Cognitive performance in mid-stage Parkinson's disease: functional connectivity under chronic antiparkinson treatment. Brain Imaging and Behavior, 2019, 13, 200-209.	2.1	11
47	Laminar analysis of the cortical T1/T2-weighted ratio at 7T. Neurology: Neuroimmunology and Neuroinflammation, 2020, 7, .	6.0	11
48	A matter of atrophy: differential impact of brain and spine damage on disability worsening in multiple sclerosis. Journal of Neurology, 2021, 268, 4698-4706.	3.6	11
49	Physical Exercise Moderates the Effects of Disability on Depression in People with Multiple Sclerosis during the COVID-19 Outbreak. Journal of Clinical Medicine, 2021, 10, 1234.	2.4	10
50	Emergency medical care for multiple sclerosis: A five-year population study in the Campania Region (South Italy). Multiple Sclerosis Journal, 2022, 28, 597-607.	3.0	10
51	Psychiatric Onset Of Multiple Sclerosis: Description Of Two Cases. Journal of Neuropsychiatry and Clinical Neurosciences, 2011, 23, E6-E6.	1.8	9
52	Looking into cognitive impairment in primary-progressive multiple sclerosis. European Journal of Neurology, 2018, 25, 192-195.	3.3	9
53	A Combined Radiomics and Machine Learning Approach to Overcome the Clinico-radiologic Paradox in Multiple Sclerosis. American Journal of Neuroradiology, 2021, 42, 1927-1933.	2.4	9
54	Consensus Paper: Ataxic Gait. Cerebellum, 2022, , 1.	2.5	9

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55	Validation of the Italian version of the Multiple Sclerosis Intimacy and Sexuality Questionnaire-19. <i>Neurological Sciences</i> , 2020, 42, 2903-2910.	1.9	8
56	Classification of multiple sclerosis patients based on structural disconnection: A robust feature selection approach. <i>Journal of Neuroimaging</i> , 2022, 32, 647-655.	2.0	8
57	Retinal and Choriocapillary Vascular Changes in Early Stages of Multiple Sclerosis: A Prospective Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5756.	2.4	8
58	Efficacy of Levetiracetam in Hemifacial Spasm. <i>Clinical Neuropharmacology</i> , 2008, 31, 187-188.	0.7	7
59	Retrospective unbiased plasma lipidomic of progressive multiple sclerosis patients-identifies lipids discriminating those with faster clinical deterioration. <i>Scientific Reports</i> , 2020, 10, 15644.	3.3	7
60	Streamline density and lesion volume reveal a postero-anterior gradient of corpus callosum damage in multiple sclerosis. <i>European Journal of Neurology</i> , 2020, 27, 1076-1082.	3.3	7
61	Eating Habits in Multiple Sclerosis: Exploring the Relationship Between Mediterranean Diet and Disability Status in Italy. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	6
62	Depression is associated with disconnection of neurotransmitter-related nuclei in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1102-1111.	3.0	5
63	Relationship Between Retinal Layer Thickness and Disability Worsening in Relapsing-Remitting and Progressive Multiple Sclerosis. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 329-334.	0.8	5
64	Changes in lymphocytes, neutrophils and immunoglobulins in year-1 cladribine treatment in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 57, 103431.	2.0	5
65	Multiple sclerosis and systemic sclerosis: efficacy of interferon beta on skin lesions. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1192-1193.	0.9	4
66	Idiopathic late-onset cerebellar ataxia with cerebellar atrophy in a patient diagnosed with Chiari I malformation: a case report. <i>Neurological Sciences</i> , 2013, 34, 2235-2237.	1.9	4
67	SUITer: An Automated Method for Improving Segmentation of Infratentorial Structures at Ultra-High-Field MRI. <i>Journal of Neuroimaging</i> , 2020, 30, 28-39.	2.0	4
68	Lower cortical gamma-aminobutyric acid level contributes to increased connectivity in sensory-motor regions in progressive MS. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 43, 102183.	2.0	4
69	Altered anterior default mode network dynamics in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2022, 28, 206-216.	3.0	4
70	The central vein sign helps in differentiating multiple sclerosis from its mimickers: lessons from Fabry disease. <i>European Radiology</i> , 2022, , 1.	4.5	4
71	Tolosa-Hunt Syndrome in a Patient with Autoimmune Hemolytic Anemia. <i>International Journal of Neuroscience</i> , 2010, 120, 680-682.	1.6	3
72	The management of multiple sclerosis by reference centers in south of Italy: a 2011 survey on health demands and needs in Campania region. <i>Neurological Sciences</i> , 2016, 37, 315-322.	1.9	3

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73	A composite measure to explore visual disability in primary progressive multiple sclerosis. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2017, 3, 205521731770962.	1.0	3
74	The Development of Subcortical Gray Matter Atrophy in Multiple Sclerosis: One Size Does Not Fit All. American Journal of Neuroradiology, 2020, 41, E80-E81.	2.4	2
75	Walk Your Talk: Real-World Adherence to Guidelines on the Use of MRI in Multiple Sclerosis. Diagnostics, 2021, 11, 1310.	2.6	2
76	Mental Health in Multiple Sclerosis During the COVID-19 Outbreak: A Delicate Balance between Fear of Contagion and Resilience. Journal of Clinical Psychology in Medical Settings, 2022, 29, 798-807.	1.4	2
77	Impact of an anti-infective screening and monitoring protocol together with infectious disease consultation in preventing infective adverse events in patients treated with anti-CD20/CD52 agents for multiple sclerosis. Multiple Sclerosis and Related Disorders, 2022, 63, 103814.	2.0	2
78	Quantitative MRI in Multiple Sclerosis: From Theory to Application. American Journal of Neuroradiology, 2022, 43, 1688-1695.	2.4	2
79	Sporadic Porphyria Cutanea Tarda in a Patient with Multiple Sclerosis Treated with Interferon Beta 1-a		