

Laura Piccio

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

8,299
citations

40
h-index

88
g-index

88
ext. papers

10,354
ext. citations

10.4
avg, IF

5.25
L-index

#	Paper	IF	Citations
80	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. <i>Nature</i> , 2011 , 476, 214-9	50.4	1948
79	Meta-analysis of genome scans and replication identify CD6, IRF8 and TNFRSF1A as new multiple sclerosis susceptibility loci. <i>Nature Genetics</i> , 2009 , 41, 776-82	36.3	621
78	Chemokines trigger immediate beta2 integrin affinity and mobility changes: differential regulation and roles in lymphocyte arrest under flow. <i>Immunity</i> , 2000 , 13, 759-69	32.3	440
77	Cutting edge: TREM-2 attenuates macrophage activation. <i>Journal of Immunology</i> , 2006 , 177, 3520-4	5.3	431
76	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. <i>Science</i> , 2019 , 365,	33.3	309
75	The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. <i>Immunity</i> , 2018 , 48, 979-991.e8	32.3	218
74	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. <i>Cell Reports</i> , 2016 , 15, 2136-2146	10.6	215
73	Molecular mechanisms involved in lymphocyte recruitment in inflamed brain microvessels: critical roles for P-selectin glycoprotein ligand-1 and heterotrimeric G(i)-linked receptors. <i>Journal of Immunology</i> , 2002 , 168, 1940-9	5.3	206
72	Altered microglial response to A β plaques in APPPS1-21 mice heterozygous for TREM2. <i>Molecular Neurodegeneration</i> , 2014 , 9, 20	19	203
71	Cerebrospinal fluid soluble TREM2 is higher in Alzheimer disease and associated with mutation status. <i>Acta Neuropathologica</i> , 2016 , 131, 925-33	14.3	201
70	Blockade of TREM-2 exacerbates experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 2007 , 37, 1290-301	6.1	196
69	Identification of soluble TREM-2 in the cerebrospinal fluid and its association with multiple sclerosis and CNS inflammation. <i>Brain</i> , 2008 , 131, 3081-91	11.2	180
68	Intermittent Fasting Confers Protection in CNS Autoimmunity by Altering the Gut Microbiota. <i>Cell Metabolism</i> , 2018 , 27, 1222-1235.e6	24.6	178
67	Changes in B- and T-lymphocyte and chemokine levels with rituximab treatment in multiple sclerosis. <i>Archives of Neurology</i> , 2010 , 67, 707-14		175
66	Rituximab add-on therapy for breakthrough relapsing multiple sclerosis: a 52-week phase II trial. <i>Neurology</i> , 2010 , 74, 1860-7	6.5	159
65	Chronic calorie restriction attenuates experimental autoimmune encephalomyelitis. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 940-8	6.5	158
64	Pathological expression of CXCL12 at the blood-brain barrier correlates with severity of multiple sclerosis. <i>American Journal of Pathology</i> , 2008 , 172, 799-808	5.8	152

63	TREM2 regulates microglial cell activation in response to demyelination in vivo. <i>Acta Neuropathologica</i> , 2015 , 129, 429-47	14.3	136
62	CD8+ T cells from patients with acute multiple sclerosis display selective increase of adhesiveness in brain venules: a critical role for P-selectin glycoprotein ligand-1. <i>Blood</i> , 2003 , 101, 4775-82	2.2	136
61	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. <i>Cell</i> , 2019 , 178, 1102-1114.e17	56.2	129
60	Early increase of CSF sTREM2 in Alzheimer's disease is associated with tau related-neurodegeneration but not with amyloid- β pathology. <i>Molecular Neurodegeneration</i> , 2019 , 14, 1	19	110
59	Increased soluble TREM2 in cerebrospinal fluid is associated with reduced cognitive and clinical decline in Alzheimer's disease. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	103
58	Comprehensive follow-up of the first genome-wide association study of multiple sclerosis identifies KIF21B and TMEM39A as susceptibility loci. <i>Human Molecular Genetics</i> , 2010 , 19, 953-62	5.6	91
57	Dimethyl fumarate selectively reduces memory T cells in multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1061-1070	5	88
56	Enhanced sphingosine-1-phosphate receptor 2 expression underlies female CNS autoimmunity susceptibility. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2571-84	15.9	83
55	Decreased circulating miRNA levels in patients with primary progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1938-42	5	81
54	The gene cluster is a key modulator of soluble TREM2 and Alzheimer's disease risk. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	77
53	Adhesion of human T cells to antigen-presenting cells through SIRPbeta2-CD47 interaction costimulates T-cell proliferation. <i>Blood</i> , 2005 , 105, 2421-7	2.2	72
52	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. <i>Cell</i> , 2018 , 175, 1679-1687.e7	16.7	72
51	CXCL13 is a biomarker of inflammation in multiple sclerosis, neuromyelitis optica, and other neurological conditions. <i>Multiple Sclerosis Journal</i> , 2013 , 19, 1204-8	5	65
50	TREM2 activation on microglia promotes myelin debris clearance and remyelination in a model of multiple sclerosis. <i>Acta Neuropathologica</i> , 2020 , 140, 513-534	14.3	63
49	Lack of adiponectin leads to increased lymphocyte activation and increased disease severity in a mouse model of multiple sclerosis. <i>European Journal of Immunology</i> , 2013 , 43, 2089-100	6.1	62
48	Speaking out about gender imbalance in invited speakers improves diversity. <i>Nature Immunology</i> , 2017 , 18, 475-478	19.1	54
47	Genetic variation in the IL7RA/IL7 pathway increases multiple sclerosis susceptibility. <i>Human Genetics</i> , 2010 , 127, 525-35	6.3	53
46	Mir-223 regulates the number and function of myeloid-derived suppressor cells in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Acta Neuropathologica</i> , 2017 , 133, 61-77	14.3	52

45	Rs5848 variant influences GRN mRNA levels in brain and peripheral mononuclear cells in patients with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2009 , 18, 603-12	4.3	49
44	Efficient recruitment of lymphocytes in inflamed brain venules requires expression of cutaneous lymphocyte antigen and fucosyltransferase-VII. <i>Journal of Immunology</i> , 2005 , 174, 5805-13	5.3	46
43	Genetic risk variants in African Americans with multiple sclerosis. <i>Neurology</i> , 2013 , 81, 219-27	6.5	45
42	An ImmunoChip study of multiple sclerosis risk in African Americans. <i>Brain</i> , 2015 , 138, 1518-30	11.2	44
41	CSF progranulin increases in the course of Alzheimer's disease and is associated with sTREM2, neurodegeneration and cognitive decline. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	41
40	Dimethyl fumarate induces changes in B- and T-lymphocyte function independent of the effects on absolute lymphocyte count. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 728-738	5	39
39	Higher CSF sTREM2 and microglia activation are associated with slower rates of beta-amyloid accumulation. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12308	12	34
38	Use of Vitamins and Dietary Supplements by Patients With Multiple Sclerosis: A Review. <i>JAMA Neurology</i> , 2018 , 75, 1013-1021	17.2	32
37	Rituximab combination therapy in relapsing multiple sclerosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2012 , 5, 311-9	6.6	31
36	Not only cancer: the long non-coding RNA MALAT1 affects the repertoire of alternatively spliced transcripts and circular RNAs in multiple sclerosis. <i>Human Molecular Genetics</i> , 2019 , 28, 1414-1428	5.6	31
35	Positive Allosteric Modulation as a Potential Therapeutic Strategy in Anti-NMDA Receptor Encephalitis. <i>Journal of Neuroscience</i> , 2018 , 38, 3218-3229	6.6	29
34	Regulatory T cells suppress the late phase of the immune response in lymph nodes through P-selectin glycoprotein ligand-1. <i>Journal of Immunology</i> , 2013 , 191, 5489-500	5.3	29
33	A "candidate-interactome" aggregate analysis of genome-wide association data in multiple sclerosis. <i>PLoS ONE</i> , 2013 , 8, e63300	3.7	28
32	Elevated intrathecal myelin oligodendrocyte glycoprotein antibodies in multiple sclerosis. <i>Archives of Neurology</i> , 2010 , 67, 1102-8		27
31	Cerebrospinal fluid progranulin levels in patients with different multiple sclerosis subtypes. <i>Neuroscience Letters</i> , 2010 , 469, 234-6	3.3	21
30	Induction of adhesion molecules on human schwann cells by proinflammatory cytokines, an immunofluorescence study. <i>Journal of the Neurological Sciences</i> , 1999 , 170, 124-30	3.2	21
29	An overview of the current state of evidence for the role of specific diets in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 36, 101393	4	20
28	Genetic studies of plasma analytes identify novel potential biomarkers for several complex traits. <i>Scientific Reports</i> , 2016 , 6,	4.9	20

27	Inverse agonism of cannabinoid CB1 receptor blocks the adhesion of encephalitogenic T cells in inflamed brain venules by a protein kinase A-dependent mechanism. <i>Journal of Neuroimmunology</i> , 2011 , 233, 97-105	3.5	18
26	Absence of TREM2 polymorphisms in patients with Alzheimer's disease and Frontotemporal Lobar Degeneration. <i>Neuroscience Letters</i> , 2007 , 411, 133-7	3.3	18
25	Polycystic Lipomembranous Osteodysplasia with Sclerosing Leukoencephalopathy (PLOSL): a new report of an Italian woman and review of the literature. <i>Journal of the Neurological Sciences</i> , 2013 , 326, 115-9	3.2	15
24	E-selectin A561C and G98T polymorphisms influence susceptibility and course of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2005 , 165, 201-5	3.5	15
23	Predicting optimal response to B-cell depletion with rituximab in multiple sclerosis using CXCL13 index, magnetic resonance imaging and clinical measures. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2015 , 1, 2055217315623800	2	14
22	ITAM signaling in dendritic cells controls T helper cell priming by regulating MHC class II recycling. <i>Blood</i> , 2010 , 116, 3208-18	2.2	14
21	Progranulin gene variability increases the risk for primary progressive multiple sclerosis in males. <i>Genes and Immunity</i> , 2010 , 11, 497-503	4.4	13
20	P-selectin glycoprotein ligand-1 variable number of tandem repeats (VNTR) polymorphism in patients with multiple sclerosis. <i>Neuroscience Letters</i> , 2005 , 388, 149-52	3.3	13
19	SELPLG and SELP single-nucleotide polymorphisms in multiple sclerosis. <i>Neuroscience Letters</i> , 2006 , 394, 92-6	3.3	13
18	Effects of dietary restriction on neuroinflammation in neurodegenerative diseases. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	12
17	Candidate gene analysis of selectin cluster in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2009 , 256, 832-3	5.5	7
16	African Americans Have Differences in CSF Soluble TREM2 and Associated Genetic Variants. <i>Neurology: Genetics</i> , 2021 , 7, e571	3.8	7
15	T cells producing GM-CSF and IL-13 are enriched in the cerebrospinal fluid of relapsing MS patients. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 1172-1186	5	6
14	Inflammatory expression profile in peripheral blood mononuclear cells from patients with Nasu-Hakola Disease. <i>Cytokine</i> , 2019 , 116, 115-119	4	4
13	Alterations of host-gut microbiome interactions in multiple sclerosis.. <i>EBioMedicine</i> , 2022 , 76, 103798	8.8	4
12	The MS4A gene cluster is a key regulator of soluble TREM2 and Alzheimer disease risk		4
11	Targeting the gut to treat multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	4
10	Alterations of the gut mycobiome in patients with MS. <i>EBioMedicine</i> , 2021 , 71, 103557	8.8	4

9	Update on multiple sclerosis, its diagnosis and treatments. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1203-10	5.9	3
8	Adherence to a healthy lifestyle and multiple sclerosis: a case-control study from the UK Biobank. <i>Nutritional Neuroscience</i> , 2020 , 1-9	3.6	2
7	Protective genetic variants in the MS4A gene cluster modulate microglial activity. <i>Alzheimers and Dementia</i> , 2020 , 16, e039431	1.2	1
6	Soluble TREM2: Innocent bystander or active player in neurological diseases?. <i>Neurobiology of Disease</i> , 2022 , 105630	7.5	1
5	Dietary intake regulates the circulating inflammatory monocyte pool		1
4	Effects of dietary restriction on gut microbiota and CNS autoimmunity. <i>Clinical Immunology</i> , 2020 , 235, 108575	9	1
3	Immunopathogenesis of Multiple Sclerosis 2014 , 10-17		
2	[O11103]: CEREBROSPINAL FLUID ENDOPHENOTYPES PROVIDE INSIGHT INTO BIOLOGY UNDERLYING ALZHEIMER'S DISEASE 2017 , 13, P218-P219		
1	Functional characterization of hiPSCs-derived glial cells and neurons from patients harboring a TREM2 loss of function mutation.. <i>Alzheimers and Dementia</i> , 2021 , 17 Suppl 2, e058712	1.2	