Laura Piccio

List of Publications by Year in Descending Order

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	Alterations of host-gut microbiome interactions in multiple sclerosis.. *EBioMedicine*, **2022**, 76, 103798	8.8	4
79	Soluble TREM2: Innocent bystander or active player in neurological diseases?. *Neurobiology of Disease*, **2022**, 105630	7.5	1
78	African Americans Have Differences in CSF Soluble TREM2 and Associated Genetic Variants. *Neurology: Genetics*, **2021**, 7, e571	3.8	7
77	Targeting the gut to treat multiple sclerosis. *Journal of Clinical Investigation*, **2021**, 131,	15.9	4
76	Effects of dietary restriction on neuroinflammation in neurodegenerative diseases. *Journal of Experimental Medicine*, **2021**, 218,	16.6	12
75	Alterations of the gut mycobiome in patients with MS. *EBioMedicine*, **2021**, 71, 103557	8.8	4
74	Functional characterization of hiPSCs-derived glial cells and neurons from patients harboring a TREM2 loss of function mutation.. *Alzheimer's and Dementia*, **2021**, 17 Suppl 2, e058712	1.2	
73	Protective genetic variants in the MS4A gene cluster modulate microglial activity. *Alzheimer's and Dementia*, **2020**, 16, e039431	1.2	1
72	Adherence to a healthy lifestyle and multiple sclerosis: a case-control study from the UK Biobank. *Nutritional Neuroscience*, **2020**, 1-9	3.6	2
71	Effects of dietary restriction on gut microbiota and CNS autoimmunity. *Clinical Immunology*, **2020**, 235, 108575	9	1
70	TREM2 activation on microglia promotes myelin debris clearance and remyelination in a model of multiple sclerosis. *Acta Neuropathologica*, **2020**, 140, 513-534	14.3	63
69	Higher CSF sTREM2 and microglia activation are associated with slower rates of beta-amyloid accumulation. *EMBO Molecular Medicine*, **2020**, 12, e12308	12	34
68	T cells producing GM-CSF and IL-13 are enriched in the cerebrospinal fluid of relapsing MS patients. *Multiple Sclerosis Journal*, **2020**, 26, 1172-1186	5	6
67	Increased soluble TREM2 in cerebrospinal fluid is associated with reduced cognitive and clinical decline in Alzheimer's disease. *Science Translational Medicine*, **2019**, 11,	17.5	103
66	An overview of the current state of evidence for the role of specific diets in multiple sclerosis. *Multiple Sclerosis and Related Disorders*, **2019**, 36, 101393	4	20
65	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. *Science*, **2019**, 365,	33.3	309
64	Inflammatory expression profile in peripheral blood mononuclear cells from patients with Nasu-Hakola Disease. *Cytokine*, **2019**, 116, 115-119	4	4

63	The gene cluster is a key modulator of soluble TREM2 and Alzheimer's disease risk. *Science Translational Medicine*, **2019**, 11,	17.5	77
62	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. *Cell*, **2019**, 178, 1102-1114.e17	56.2	129
61	Not only cancer: the long non-coding RNA MALAT1 affects the repertoire of alternatively spliced transcripts and circular RNAs in multiple sclerosis. *Human Molecular Genetics*, **2019**, 28, 1414-1428	5.6	31
60	Early increase of CSF sTREM2 in Alzheimer's disease is associated with tau related-neurodegeneration but not with amyloid-β pathology. *Molecular Neurodegeneration*, **2019**, 14, 1	19	110
59	Positive Allosteric Modulation as a Potential Therapeutic Strategy in Anti-NMDA Receptor Encephalitis. *Journal of Neuroscience*, **2018**, 38, 3218-3229	6.6	29
58	Use of Vitamins and Dietary Supplements by Patients With Multiple Sclerosis: A Review. *JAMA Neurology*, **2018**, 75, 1013-1021	17.2	32
57	Dimethyl fumarate induces changes in B- and T-lymphocyte function independent of the effects on absolute lymphocyte count. *Multiple Sclerosis Journal*, **2018**, 24, 728-738	5	39
56	The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. *Immunity*, **2018**, 48, 979-991.e8	32.3	218
55	Intermittent Fasting Confers Protection in CNS Autoimmunity by Altering the Gut Microbiota. *Cell Metabolism*, **2018**, 27, 1222-1235.e6	24.6	178
54	CSF progranulin increases in the course of Alzheimer's disease and is associated with sTREM2, neurodegeneration and cognitive decline. *EMBO Molecular Medicine*, **2018**, 10,	12	41
53	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. *Cell*, **2018**, 175, 1679-1687.e7	36.2	72
52	Speaking out about gender imbalance in invited speakers improves diversity. *Nature Immunology*, **2017**, 18, 475-478	19.1	54
51	Mir-223 regulates the number and function of myeloid-derived suppressor cells in multiple sclerosis and experimental autoimmune encephalomyelitis. *Acta Neuropathologica*, **2017**, 133, 61-77	14.3	52
50	[O1103]: CEREBROSPINAL FLUID ENDOPHENOTYPES PROVIDE INSIGHT INTO BIOLOGY UNDERLYING ALZHEIMER'S DISEASE **2017**, 13, P218-P219		
49	Cerebrospinal fluid soluble TREM2 is higher in Alzheimer disease and associated with mutation status. *Acta Neuropathologica*, **2016**, 131, 925-33	14.3	201
48	Dimethyl fumarate selectively reduces memory T cells in multiple sclerosis patients. *Multiple Sclerosis Journal*, **2016**, 22, 1061-1070	5	88
47	Genetic studies of plasma analytes identify novel potential biomarkers for several complex traits. *Scientific Reports*, **2016**, 6,	4.9	20
46	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. *Cell Reports*, **2016**, 15, 2136-2146	10.6	215

45	An ImmunoChip study of multiple sclerosis risk in African Americans. *Brain*, **2015**, 138, 1518-30	11.2	44
44	Predicting optimal response to B-cell depletion with rituximab in multiple sclerosis using CXCL13 index, magnetic resonance imaging and clinical measures. *Multiple Sclerosis Journal - Experimental, Translational and Clinical*, **2015**, 1, 2055217315623800	2	14
43	TREM2 regulates microglial cell activation in response to demyelination in vivo. *Acta Neuropathologica*, **2015**, 129, 429-47	14.3	136
42	Altered microglial response to A plaques in APPPS1-21 mice heterozygous for TREM2. *Molecular Neurodegeneration*, **2014**, 9, 20	19	203
41	Immunopathogenesis of Multiple Sclerosis **2014**, 10-17		
40	Enhanced sphingosine-1-phosphate receptor 2 expression underlies female CNS autoimmunity susceptibility. *Journal of Clinical Investigation*, **2014**, 124, 2571-84	15.9	83
39	Regulatory T cells suppress the late phase of the immune response in lymph nodes through P-selectin glycoprotein ligand-1. *Journal of Immunology*, **2013**, 191, 5489-500	5.3	29
38	Polycystic Lipomembranous Osteodysplasia with Sclerosing Leukoencephalopathy (PLOSL): a new report of an Italian woman and review of the literature. *Journal of the Neurological Sciences*, **2013**, 326, 115-9	3.2	15
37	Lack of adiponectin leads to increased lymphocyte activation and increased disease severity in a mouse model of multiple sclerosis. *European Journal of Immunology*, **2013**, 43, 2089-100	6.1	62
36	A "candidate-interactome" aggregate analysis of genome-wide association data in multiple sclerosis. *PLoS ONE*, **2013**, 8, e63300	3.7	28
35	Decreased circulating miRNA levels in patients with primary progressive multiple sclerosis. *Multiple Sclerosis Journal*, **2013**, 19, 1938-42	5	81
34	CXCL13 is a biomarker of inflammation in multiple sclerosis, neuromyelitis optica, and other neurological conditions. *Multiple Sclerosis Journal*, **2013**, 19, 1204-8	5	65
33	Genetic risk variants in African Americans with multiple sclerosis. *Neurology*, **2013**, 81, 219-27	6.5	45
32	Rituximab combination therapy in relapsing multiple sclerosis. *Therapeutic Advances in Neurological Disorders*, **2012**, 5, 311-9	6.6	31
31	Update on multiple sclerosis, its diagnosis and treatments. *Clinical Chemistry and Laboratory Medicine*, **2012**, 50, 1203-10	5.9	3
30	Inverse agonism of cannabinoid CB1 receptor blocks the adhesion of encephalitogenic T cells in inflamed brain venules by a protein kinase A-dependent mechanism. *Journal of Neuroimmunology*, **2011**, 233, 97-105	3.5	18
29	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
28	Changes in B- and T-lymphocyte and chemokine levels with rituximab treatment in multiple sclerosis. *Archives of Neurology*, **2010**, 67, 707-14		175

27	Progranulin gene variability increases the risk for primary progressive multiple sclerosis in males. *Genes and Immunity*, **2010**, 11, 497-503	4.4	13
26	Rituximab add-on therapy for breakthrough relapsing multiple sclerosis: a 52-week phase II trial. *Neurology*, **2010**, 74, 1860-7	6.5	159
25	Cerebrospinal fluid progranulin levels in patients with different multiple sclerosis subtypes. *Neuroscience Letters*, **2010**, 469, 234-6	3.3	21
24	Elevated intrathecal myelin oligodendrocyte glycoprotein antibodies in multiple sclerosis. *Archives of Neurology*, **2010**, 67, 1102-8		27
23	ITAM signaling in dendritic cells controls T helper cell priming by regulating MHC class II recycling. *Blood*, **2010**, 116, 3208-18	2.2	14
22	Comprehensive follow-up of the first genome-wide association study of multiple sclerosis identifies KIF21B and TMEM39A as susceptibility loci. *Human Molecular Genetics*, **2010**, 19, 953-62	5.6	91
21	Genetic variation in the IL7RA/IL7 pathway increases multiple sclerosis susceptibility. *Human Genetics*, **2010**, 127, 525-35	6.3	53
20	Rs5848 variant influences GRN mRNA levels in brain and peripheral mononuclear cells in patients with Alzheimer's disease. *Journal of Alzheimer's Disease*, **2009**, 18, 603-12	4.3	49
19	Candidate gene analysis of selectin cluster in patients with multiple sclerosis. *Journal of Neurology*, **2009**, 256, 832-3	5.5	7
18	Meta-analysis of genome scans and replication identify CD6, IRF8 and TNFRSF1A as new multiple sclerosis susceptibility loci. *Nature Genetics*, **2009**, 41, 776-82	36.3	621
17	Pathological expression of CXCL12 at the blood-brain barrier correlates with severity of multiple sclerosis. *American Journal of Pathology*, **2008**, 172, 799-808	5.8	152
16	Chronic calorie restriction attenuates experimental autoimmune encephalomyelitis. *Journal of Leukocyte Biology*, **2008**, 84, 940-8	6.5	158
15	Identification of soluble TREM-2 in the cerebrospinal fluid and its association with multiple sclerosis and CNS inflammation. *Brain*, **2008**, 131, 3081-91	11.2	180
14	Blockade of TREM-2 exacerbates experimental autoimmune encephalomyelitis. *European Journal of Immunology*, **2007**, 37, 1290-301	6.1	196
13	Absence of TREM2 polymorphisms in patients with Alzheimer's disease and Frontotemporal Lobar Degeneration. *Neuroscience Letters*, **2007**, 411, 133-7	3.3	18
12	Cutting edge: TREM-2 attenuates macrophage activation. *Journal of Immunology*, **2006**, 177, 3520-4	5.3	431
11	SELPLG and SELP single-nucleotide polymorphisms in multiple sclerosis. *Neuroscience Letters*, **2006**, 394, 92-6	3.3	13
10	Adhesion of human T cells to antigen-presenting cells through SIRPbeta2-CD47 interaction costimulates T-cell proliferation. *Blood*, **2005**, 105, 2421-7	2.2	72

9	P-selectin glycoprotein ligand-1 variable number of tandem repeats (VNTR) polymorphism in patients with multiple sclerosis. *Neuroscience Letters*, **2005**, 388, 149-52	3.3	13
8	E-selectin A561C and G98T polymorphisms influence susceptibility and course of multiple sclerosis. *Journal of Neuroimmunology*, **2005**, 165, 201-5	3.5	15
7	Efficient recruitment of lymphocytes in inflamed brain venules requires expression of cutaneous lymphocyte antigen and fucosyltransferase-VII. *Journal of Immunology*, **2005**, 174, 5805-13	5.3	46
6	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. *Blood*, **2003**, 101, 4775-82	2.2	136
5	Molecular mechanisms involved in lymphocyte recruitment in inflamed brain microvessels: critical roles for P-selectin glycoprotein ligand-1 and heterotrimeric G(i)-linked receptors. *Journal of Immunology*, **2002**, 168, 1940-9	5.3	206
4	Chemokines trigger immediate beta2 integrin affinity and mobility changes: differential regulation and roles in lymphocyte arrest under flow. *Immunity*, **2000**, 13, 759-69	32.3	440
3	Induction of adhesion molecules on human schwann cells by proinflammatory cytokines, an immunofluorescence study. *Journal of the Neurological Sciences*, **1999**, 170, 124-30	3.2	21
2	The MS4A gene cluster is a key regulator of soluble TREM2 and Alzheimer disease risk		4
1	Dietary intake regulates the circulating inflammatory monocyte pool		1