Carmen Espejo

List of Publications by Year
in descending order

54 papers	1,769 citations	218677 26 h-index	289244 40 g-index
57 all docs	57 docs citations	57 times ranked	3067 citing authors

#	Article	IF	Citations
1	LIF regulates CXCL9 in tumor-associated macrophages and prevents CD8+ T cell tumor-infiltration impairing anti-PD1 therapy. Nature Communications, 2019, 10, 2416.	12.8	150
2	The value of oligoclonal bands in the multiple sclerosis diagnostic criteria. Brain, 2018, 141, 1075-1084.	7.6	98
3	NLRP3 inflammasome as prognostic factor and therapeutic target in primary progressive multiple sclerosis patients. Brain, 2020, 143, 1414-1430.	7.6	92
4	Neurofilament light chain level is a weak risk factor for the development of MS. Neurology, 2016, 87, 1076-1084.	1.1	85
5	Combined therapies to treat complex diseases: The role of the gut microbiota in multiple sclerosis. Autoimmunity Reviews, 2018, 17, 165-174.	5.8	82
6	GDP- <scp>l</scp> -fucose synthase is a CD4 ⁺ T cellâ€"specific autoantigen in DRB3*02:02 patients with multiple sclerosis. Science Translational Medicine, 2018, 10, .	12.4	71
7	Altered inflammatory response and increased neurodegeneration in metallothionein I+II deficient mice during experimental autoimmune encephalomyelitis. Journal of Neuroimmunology, 2001, 119, 248-260.	2.3	70
8	Expression of Metallothionein-I, -II, and -III in Alzheimer Disease and Animal Models of Neuroinflammation. Experimental Biology and Medicine, 2006, 231, 1450-1458.	2.4	55
9	Heat Shock Protein 70: Roles in Multiple Sclerosis. Molecular Medicine, 2012, 18, 1018-1028.	4.4	52
10	Antimyelin Antibodies with No Progression to Multiple Sclerosis. New England Journal of Medicine, 2007, 356, 426-428.	27.0	50
11	Expression of semaphorin 3A, semaphorin 7A and their receptors in multiple sclerosis lesions. Multiple Sclerosis Journal, 2015, 21, 1632-1643.	3.0	49
12	Lipidâ€specific immunoglobulin <scp>M</scp> bands in cerebrospinal fluid are associated with a reduced risk of developing progressive multifocal leukoencephalopathy during treatment with natalizumab. Annals of Neurology, 2015, 77, 447-457.	5.3	48
13	Changes in matrix metalloproteinases and their inhibitors during interferon-beta treatment in multiple sclerosis. Clinical Immunology, 2009, 130, 145-150.	3.2	41
14	The long-term outcomes of CIS patients in the Barcelona inception cohort: Looking back to recognize aggressive MS. Multiple Sclerosis Journal, 2020, 26, 1658-1669.	3.0	41
15	Immunosenescence in multiple sclerosis: the identification of new therapeutic targets. Autoimmunity Reviews, 2021, 20, 102893.	5.8	41
16	Semaphorins 3A and 7A: potential immune and neuroregenerative targets in multiple sclerosis. Trends in Molecular Medicine, 2013, 19, 157-164.	6.7	40
17	Myeloidâ€derived suppressor cells can be efficiently generated from human hematopoietic progenitors and peripheral blood monocytes. Immunology and Cell Biology, 2017, 95, 538-548.	2.3	38
18	Hsp70 Regulates Immune Response in Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2014, 9, e105737.	2.5	38

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19	CD4-CD8 and CD28 Expression in T Cells Infiltrating the Vitreous Fluidin Patients With Proliferative Diabetic Retinopathy. JAMA Ophthalmology, 2004, 122, 743.	2.4	36
20	Implication of the tollâ€‐like receptor 4 pathway in the response to interferonâ€Î² in multiple sclerosis. Annals of Neurology, 2011, 70, 634-645.	5.3	35
21	Treatment with MOG-DNA vaccines induces CD4+CD25+FoxP3+ regulatory T cells and up-regulates genes with neuroprotective functions in experimental autoimmune encephalomyelitis. Journal of Neuroinflammation, 2012, 9, 139.	7.2	35
22	A Commercial Probiotic Induces Tolerogenic and Reduces Pathogenic Responses in Experimental Autoimmune Encephalomyelitis. Cells, 2020, 9, 906.	4.1	31
23	Treatment with Anti-interferon-Î³ Monoclonal Antibodies Modifies Experimental Autoimmune Encephalomyelitis in Interferon-Î³ Receptor Knockout Mice. Experimental Neurology, 2001, 172, 460-468.	4.1	30
24	Differential expression of sema3A and sema7A in a murine model of multiple sclerosis: Implications for a therapeutic design. Clinical Immunology, 2016, 163, 22-33.	3.2	30
25	Semaphorin 7A as a Potential Therapeutic Target for Multiple Sclerosis. Molecular Neurobiology, 2017, 54, 4820-4831.	4.0	28
26	Tolerance Induction in Experimental Autoimmune Encephalomyelitis Using Non-myeloablative Hematopoietic Gene Therapy With Autoantigen. Molecular Therapy, 2009, 17, 897-905.	8.2	26
27	SOCS1-Derived Peptide Administered by Eye Drops Prevents Retinal Neuroinflammation and Vascular Leakage in Experimental Diabetes. International Journal of Molecular Sciences, 2019, 20, 3615.	4.1	25
28	Dalfampridine in multiple sclerosis: From symptomatic treatment to immunomodulation. Clinical Immunology, 2012, 142, 84-92.	3.2	24
29	Bone morphogenetic proteins in multiple sclerosis: Role in neuroinflammation. Brain, Behavior, and Immunity, 2018, 68, 1-10.	4.1	24
30	Interferon-Î³ Regulates Oxidative Stress during Experimental Autoimmune Encephalomyelitis. Experimental Neurology, 2002, 177, 21-31.	4.1	22
31	Inhibition of delta-like ligand 4 decreases Th1/Th17 response in a mouse model of multiple sclerosis. Neuroscience Letters, 2013, 541, 161-166.	2.1	22
32	Myeloid-derived suppressor cells expressing a self-antigen ameliorate experimental autoimmune encephalomyelitis. Experimental Neurology, 2016, 286, 50-60.	4.1	21
33	Specific Proliferation Towards Myelin Antigens in Patients with Multiple Sclerosis During a Relapse. Autoimmunity, 2002, 35, 45-50.	2.6	19
34	Expression of Bone Morphogenetic Proteins in Multiple Sclerosis Lesions. American Journal of Pathology, 2019, 189, 665-676.	3.8	19
35	Selected Clostridia Strains from The Human Microbiota and their Metabolite, Butyrate, Improve Experimental Autoimmune Encephalomyelitis. Neurotherapeutics, 2021, 18, 920-937.	4.4	18
36	Up-regulation of inducible heat shock protein-70 expression in multiple sclerosis patients. Autoimmunity, 2014, 47, 127-133.	2.6	17

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37	Humoral and Cellular Responses to SARS-CoV-2 in Convalescent COVID-19 Patients With Multiple Sclerosis. Neurology: Neuroimmunology and NeuroInflammation, 2022, 9, e1143.	6.0	17
38	Transgene Expression Levels Determine the Immunogenicity of Transduced Hematopoietic Grafts in Partially Myeloablated Mice. Molecular Therapy, 2009, 17, 1904-1909.	8.2	14
39	Clinical and Histopathological Amelioration of Experimental Autoimmune Encephalomyelitis by AAV Vectors Expressing a Soluble Interleukin-23 Receptor. Neurotherapeutics, 2017, 14, 1095-1106.	4.4	14
40	Immunomodulatory Effects Associated with Cladribine Treatment. Cells, 2021, 10, 3488.	4.1	14
41	Myeloid-Derived Suppressor Cells are Generated during Retroviral Transduction of Murine Bone Marrow. Cell Transplantation, 2014, 23, 73-85.	2.5	13
42	Identification of the Immunological Changes Appearing in the CSF During the Early Immunosenescence Process Occurring in Multiple Sclerosis. Frontiers in Immunology, 2021, 12, 685139.	4.8	13
43	Blood lymphocyte subsets identify optimal responders to IFN-beta in MS. Journal of Neurology, 2018, 265, 24-31.	3.6	11
44	Is humoral and cellular response to SARS-CoV-2 vaccine modified by DMT in patients with multiple sclerosis and other autoimmune diseases?. Multiple Sclerosis Journal, 2022, 28, 1138-1145.	3.0	11
45	The Role of Methallothioneins in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. Annals of the New York Academy of Sciences, 2005, 1051, 88-96.	3.8	10
46	New Algorithms Improving PML Risk Stratification in MS Patients Treated With Natalizumab. Frontiers in Neurology, 2020, 11, 579438.	2.4	9
47	Inhibition of the BMP Signaling Pathway Ameliorated Established Clinical Symptoms of Experimental Autoimmune Encephalomyelitis. Neurotherapeutics, 2020, 17, 1988-2003.	4.4	7
48	Breast regression protein-39 is not required for experimental autoimmune encephalomyelitis induction. Clinical Immunology, 2015, 160, 133-141.	3.2	6
49	Serum Biomarker gMS-Classifier2: Predicting Conversion to Clinically Definite Multiple Sclerosis. PLoS ONE, 2013, 8, e59953.	2.5	5
50	Regulatory Lymphocytes Are Key Factors in MHC-Independent Resistance to EAE. Journal of Immunology Research, 2014, 2014, 1-10.	2.2	5
51	Anti-myelin antibodies play an important role in the susceptibility to develop proteolipid protein-induced experimental autoimmune encephalomyelitis. Clinical and Experimental Immunology, 2014, 175, 202-207.	2.6	5
52	Impact of COVID-19 pandemic on frequency of clinical visits, performance of MRI studies, and therapeutic choices in a multiple sclerosis referral centre. Journal of Neurology, 2022, 269, 1764-1772.	3.6	5
53	The only certain measure of the effectiveness of multiple sclerosis therapy is cerebrospinal neurofilament levelâ€"NO. Multiple Sclerosis Journal, 2015, 21, 1240-1242.	3.0	4
54	Correcting gut dysbiosis can ameliorate inflammation and promote remyelination in multiple sclerosis â€" Yes. Multiple Sclerosis Journal, 2021, 27, 1161-1162.	3.0	1