

# Cinthia Farina

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

6,387  
citations

136740

32  
h-index

114278

63  
g-index

73  
all docs

73  
docs citations

73  
times ranked

8880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocytes are active players in cerebral innate immunity. <i>Trends in Immunology</i> , 2007, 28, 138-145.	2.9	1,121
2	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , 2021, 24, 312-325.	7.1	1,098
3	Astrocytes: Key Regulators of Neuroinflammation. <i>Trends in Immunology</i> , 2016, 37, 608-620.	2.9	634
4	Chemokines in multiple sclerosis: CXCL12 and CXCL13 up-regulation is differentially linked to CNS immune cell recruitment. <i>Brain</i> , 2006, 129, 200-211.	3.7	485
5	Multiple sclerosis: Comparison of copolymer-1- reactive T cell lines from treated and untreated subjects reveals cytokine shift from T helper 1 to T helper 2 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7452-7457.	3.3	286
6	Preferential expression and function of Toll-like receptor 3 in human astrocytes. <i>Journal of Neuroimmunology</i> , 2005, 159, 12-19.	1.1	234
7	Multiple sclerosis: glatiramer acetate inhibits monocyte reactivity in vitro and in vivo. <i>Brain</i> , 2004, 127, 1370-1378.	3.7	146
8	Fingolimod may support neuroprotection via blockade of astrocyte nitric oxide. <i>Annals of Neurology</i> , 2014, 76, 325-337.	2.8	142
9	Stimulation of the neurotrophin receptor TrkB on astrocytes drives nitric oxide production and neurodegeneration. <i>Journal of Experimental Medicine</i> , 2012, 209, 521-535.	4.2	132
10	Translation of a Retained Intron in Tyrosinase-related Protein (TRP) 2 mRNA Generates a New Cytotoxic T Lymphocyte (CTL)-defined and Shared Human Melanoma Antigen Not Expressed in Normal Cells of the Melanocytic Lineage. <i>Journal of Experimental Medicine</i> , 1998, 188, 1005-1016.	4.2	131
11	Glatiramer acetate in multiple sclerosis: update on potential mechanisms of action. <i>Lancet Neurology</i> , The, 2005, 4, 567-575.	4.9	125
12	CCL19 is constitutively expressed in the CNS, up-regulated in neuroinflammation, active and also inactive multiple sclerosis lesions. <i>Journal of Neuroimmunology</i> , 2007, 190, 72-79.	1.1	115
13	Treatment of multiple sclerosis with Copaxone (COP): Elispot assay detects COP-induced interleukin-4 and interferon-gamma response in blood cells. <i>Brain</i> , 2001, 124, 705-719.	3.7	105
14	iPSC-derived neural precursors exert a neuroprotective role in immune-mediated demyelination via the secretion of LIF. <i>Nature Communications</i> , 2013, 4, 2597.	5.8	104
15	Distinct responses of monocytes to Toll-like receptor ligands and inflammatory cytokines. <i>International Immunology</i> , 2004, 16, 799-809.	1.8	97
16	Cytotoxic T-lymphocyte clones from different patients display limited T-cell-receptor variable-region gene usage in HLA-A2-restricted recognition of the melanoma antigen Melan-A/MART-1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5674-5678.	3.3	95
17	Neural Stem Cell Transplantation Induces Stroke Recovery by Upregulating Glutamate Transporter GLT-1 in Astrocytes. <i>Journal of Neuroscience</i> , 2016, 36, 10529-10544.	1.7	91
18	Convergence between Microglia and Peripheral Macrophages Phenotype during Development and Neuroinflammation. <i>Journal of Neuroscience</i> , 2020, 40, 784-795.	1.7	88

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19	Activated macrophages release microvesicles containing polarized M1 or M2 mRNAs. <i>Journal of Leukocyte Biology</i> , 2013, 95, 817-825.	1.5	76
20	Mouse DREAM/Calsenilin/KChIP3: Gene Structure, Coding Potential, and Expression. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 1-16.	1.0	66
21	Treatment with glatiramer acetate induces specific IgG4 antibodies in multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2002, 123, 188-192.	1.1	65
22	Molecular and functional definition of the developing human striatum. <i>Nature Neuroscience</i> , 2014, 17, 1804-1815.	7.1	65
23	Clonal expansion of T lymphocytes in human melanoma metastases after treatment with a hapten-modified autologous tumor vaccine.. <i>Journal of Clinical Investigation</i> , 1997, 99, 710-717.	3.9	51
24	Siponimod (BAF312) Activates Nrf2 While Hampering NF $\kappa$ B in Human Astrocytes, and Protects From Astrocyte-Induced Neurodegeneration. <i>Frontiers in Immunology</i> , 2020, 11, 635.	2.2	48
25	Immune profiling of plasma-derived extracellular vesicles identifies Parkinson disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	3.1	45
26	Immunological assay for assessing the efficacy of glatiramer acetate (Copaxone) in multiple sclerosis. <i>Journal of Neurology</i> , 2002, 249, 1587-1592.	1.8	44
27	MiR-30e and miR-181d control Radial Glia cell proliferation via HtrA1 modulation. <i>Cell Death and Disease</i> , 2012, 3, e360-e360.	2.7	44
28	Gender-based blood transcriptomes and interactomes in multiple sclerosis: Involvement of SP1 dependent gene transcription. <i>Journal of Autoimmunity</i> , 2012, 38, J144-J155.	3.0	43
29	Autocrine and immune cell-derived BDNF in human skeletal muscle: implications for myogenesis and tissue regeneration. <i>Journal of Pathology</i> , 2013, 231, 190-198.	2.1	40
30	Neural precursor cell $\text{\textasciitilde}$ secreted TGF- $\beta$ 2 redirects inflammatory monocyte-derived cells in CNS autoimmunity. <i>Journal of Clinical Investigation</i> , 2017, 127, 3937-3953.	3.9	40
31	Transcript profiling of different types of multiple sclerosis lesions yields FGF1 as a promoter of remyelination. <i>Acta Neuropathologica Communications</i> , 2014, 2, 168.	2.4	34
32	Dysregulation of MS risk genes and pathways at distinct stages of disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e337.	3.1	34
33	Cytokines Stimulate the Release of Microvesicles from Myeloid Cells Independently from the P2X7 Receptor/Acid Sphingomyelinase Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 204.	2.2	34
34	Shared Molecular and Functional Frameworks among Five Complex Human Disorders: A Comparative Study on Interactomes Linked to Susceptibility Genes. <i>PLoS ONE</i> , 2011, 6, e18660.	1.1	31
35	Critical role for prokineticin 2 in CNS autoimmunity. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e95.	3.1	29
36	Human Neurotrophin Receptor p75NTR Defines Differentiation-Oriented Skeletal Muscle Precursor Cells: Implications for Muscle Regeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 133-142.	0.9	26

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37	Myeloid cells as target of fingolimod action in multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e157.	3.1	26
38	Astrocytes Exert and Control Immune Responses in the Brain. <i>Current Immunology Reviews</i> , 2010, 6, 150-159.	1.2	24
39	Transcriptional dysregulation of Interferome in experimental and human Multiple Sclerosis. <i>Scientific Reports</i> , 2017, 7, 8981.	1.6	22
40	Histamine regulates autoreactive T cell activation and adhesiveness in inflamed brain microcirculation. <i>Journal of Leukocyte Biology</i> , 2010, 89, 259-267.	1.5	21
41	Conserved TCR usage by HLA-Cw*1601-restricted T cell clones recognizing melanoma antigens. <i>International Immunology</i> , 1996, 8, 1463-1466.	1.8	20
42	Dysregulated copper transport in multiple sclerosis may cause demyelination via astrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19
43	Inferring Multiple Sclerosis Stages from the Blood Transcriptome via Machine Learning. <i>Cell Reports Medicine</i> , 2020, 1, 100053.	3.3	18
44	Three Decades of Interferon- $\beta$ in Multiple Sclerosis: Can We Repurpose This Information for the Management of SARS-CoV2 Infection?. <i>Frontiers in Immunology</i> , 2020, 11, 1459.	2.2	17
45	Differential expression of CD150 (SLAM) on monocytes and macrophages in chronic inflammatory contexts: abundant in Crohn's disease, but not in multiple sclerosis. <i>Journal of Clinical Pathology</i> , 2005, 58, 110-111.	1.0	16
46	BDNF and its receptors in human myasthenic thymus: Implications for cell fate in thymic pathology. <i>Journal of Neuroimmunology</i> , 2008, 197, 128-139.	1.1	14
47	The heritage of glatiramer acetate and its use in multiple sclerosis. <i>Multiple Sclerosis and Demyelinating Disorders</i> , 2016, 1, .	1.1	14
48	A cell type-specific transcriptomic approach to map B cell and monocyte type I interferon-linked pathogenic signatures in Multiple Sclerosis. <i>Journal of Autoimmunity</i> , 2019, 101, 1-16.	3.0	12
49	Laquinimod Modulates Human Astrocyte Function and Dampens Astrocyte-Induced Neurotoxicity during Inflammation. <i>Molecules</i> , 2020, 25, 5403.	1.7	12
50	JAB1 deletion in oligodendrocytes causes senescence-induced inflammation and neurodegeneration in mice. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	12
51	Loss of Circulating CD8+ CD161high T Cells in Primary Progressive Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2019, 10, 1922.	2.2	11
52	Intralesional Selection of T Cell Clonotypes in the Immune Response to Melanoma Antigens Occurring During Vaccination. <i>Journal of Immunotherapy</i> , 1998, 21, 198-204.	1.2	10
53	The neurotrophin receptor p75NTR is induced on mature myofibres in inflammatory myopathies and promotes myotube survival to inflammatory stress. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 367-378.	1.8	10
54	Exacerbation of experimental autoimmune encephalomyelitis by passive transfer of IgG antibodies from a multiple sclerosis patient responsive to immunoadsorption. <i>Journal of Neuroimmunology</i> , 2013, 262, 19-26.	1.1	10

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55	The phenotypic convergence between microglia and peripheral macrophages during development and neuroinflammation paves the way for new therapeutic perspectives. <i>Neural Regeneration Research</i> , 2021, 16, 635.	1.6	10
56	Lessons from S1P receptor targeting in multiple sclerosis. , 2022, 230, 107971.		9
57	Gene expression analysis of histamine receptors in peripheral blood mononuclear cells from individuals with clinically-isolated syndrome and different stages of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 277, 186-188.	1.1	7
58	Astrocytes and Microglia in Stress-Induced Neuroinflammation: The African Perspective. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	7
59	Star Trk(B): The astrocyte path to neurodegeneration. <i>Cell Cycle</i> , 2012, 11, 2225-2226.	1.3	6
60	A role for inflammatory mediators in the modulation of the neurotrophin receptor p75NTR on human muscle precursor cells. <i>Journal of Neuroimmunology</i> , 2012, 243, 100-102.	1.1	1
61	Skewed B cell differentiation affects lymphoid organogenesis but not T cell-mediated autoimmunity. <i>Clinical and Experimental Immunology</i> , 2014, 176, 58-65.	1.1	1
62	Characterization of ZFP36L1 in the context of multiple sclerosis and functional immunological consequences associated with the susceptibility to the disease. <i>Journal of Neuroimmunology</i> , 2014, 275, 52.	1.1	1
63	Intrathecal transplantation of neural precursor cells impairs the effector phase of experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2014, 275, 189.	1.1	0
64	Gene expression analysis of histamine receptors in peripheral blood mononuclear cells from clinically-isolated syndrome and multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2014, 275, 146.	1.1	0
65	An important role for prokineticin 2 in autoimmune CNS demyelination. <i>Journal of Neuroimmunology</i> , 2014, 275, 131.	1.1	0
66	Microglia's gene expression at different stages of evolution and under pathological conditions. <i>Journal of Neuroimmunology</i> , 2014, 275, 84.	1.1	0
67	Peripheral transcriptional control in multiple sclerosis: Hepatocyte nuclear factor 4 alpha regulates immune cell activation and autoimmunity. <i>Journal of Neuroimmunology</i> , 2014, 275, 57-58.	1.1	0
68	Fingolimod may support neuroprotection via blockade of astrocyte S1P and cytokine signaling cascades in Multiple Sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 275, 144-145.	1.1	0
69	Stimulation of the neurotrophin receptor TrkB on astrocytes drives nitric oxide production and neurodegeneration. <i>Journal of Cell Biology</i> , 2012, 196, i8-i8.	2.3	0
70	Neuron-Glia Interaction via Neurotrophins. <i>Advances in Neurobiology</i> , 2013, , 101-117.	1.3	0