

Laura Maggi

List of Publications by Year in descending order

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86
papers

12,571
citations

44069

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51608

86
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docs citations

87
times ranked

18060
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic Pruning by Microglia Is Necessary for Normal Brain Development. <i>Science</i> , 2011, 333, 1456-1458.	12.6	3,138
2	Phenotypic and functional features of human Th17 cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 1849-1861.	8.5	1,689
3	Human interleukin 17-producing cells originate from a CD161+CD4+ T cell precursor. <i>Journal of Experimental Medicine</i> , 2008, 205, 1903-1916.	8.5	668
4	Evidence for a cross-talk between human neutrophils and Th17 cells. <i>Blood</i> , 2010, 115, 335-343.	1.4	655
5	Toll-Like Receptors 3 and 4 Are Expressed by Human Bone Marrow-Derived Mesenchymal Stem Cells and Can Inhibit Their T-Cell Modulatory Activity by Impairing Notch Signaling. <i>Stem Cells</i> , 2008, 26, 279-289.	3.2	429
6	CD161 is a marker of all human IL-17-producing T cell subsets and is induced by RORC. <i>European Journal of Immunology</i> , 2010, 40, 2174-2181.	2.9	333
7	Dark microglia: A new phenotype predominantly associated with pathological states. <i>Glia</i> , 2016, 64, 826-839.	4.9	325
8	Identification of a novel subset of human circulating memory CD4+ T cells that produce both IL-17A and IL-4. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 222-230.e4.	2.9	275
9	CD14+CD34 ^{low} Cells With Stem Cell Phenotypic and Functional Features Are the Major Source of Circulating Endothelial Progenitors. <i>Circulation Research</i> , 2005, 97, 314-322.	4.5	245
10	T helper cells plasticity in inflammation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 36-42.	1.5	224
11	Evidence of the transient nature of the Th17 phenotype of CD4+CD161+ T cells in the synovial fluid of patients with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 2504-2515.	6.7	213
12	Regenerative Potential of Embryonic Renal Multipotent Progenitors in Acute Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 3128-3138.	6.1	194
13	Fractalkine receptor deficiency impairs microglial and neuronal responsiveness to chronic stress. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 114-125.	4.1	192
14	Fluoxetine effects on molecular, cellular and behavioral endophenotypes of depression are driven by the living environment. <i>Molecular Psychiatry</i> , 2017, 22, 552-561.	7.9	150
15	TGF- β 2 indirectly favors the development of human Th17 cells by inhibiting Th1 cells. <i>European Journal of Immunology</i> , 2009, 39, 207-215.	2.9	147
16	CX3CR1 deficiency alters hippocampal-dependent plasticity phenomena blunting the effects of enriched environment. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 22.	3.7	124
17	Functional deficit of T regulatory cells in Fulani, an ethnic group with low susceptibility to <i>Plasmodium falciparum</i> malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 646-651.	7.1	120
18	Distinctive features of classic and nonclassic (T _H 17 derived) human T _H 17 cells. <i>European Journal of Immunology</i> , 2012, 42, 3180-3188.	2.9	118

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19	SDF-1 β -mediated modulation of synaptic transmission in rat cerebellum. <i>European Journal of Neuroscience</i> , 2000, 12, 2497-2504.	2.6	117
20	Chemokine Fractalkine/CX3CL1 Negatively Modulates Active Glutamatergic Synapses in Rat Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 10488-10498.	3.6	116
21	Frequency of regulatory T cells in peripheral blood and in tumour-infiltrating lymphocytes correlates with poor prognosis in renal cell carcinoma. <i>BJU International</i> , 2011, 107, 1500-1506.	2.5	115
22	IL-1 and T Helper Immune Responses. <i>Frontiers in Immunology</i> , 2013, 4, 182.	4.8	112
23	CXCR3-mediated opposite effects of CXCL10 and CXCL4 on T1 or T2 cytokine production. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1372-1379.	2.9	106
24	Enriched environment reduces glioma growth through immune and non-immune mechanisms in mice. <i>Nature Communications</i> , 2015, 6, 6623.	12.8	104
25	Nicotine activates immature "silent" connections in the developing hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2059-2064.	7.1	103
26	Rarity of Human T Helper 17 Cells Is due to Retinoic Acid Orphan Receptor-Dependent Mechanisms that Limit Their Expansion. <i>Immunity</i> , 2012, 36, 201-214.	14.3	103
27	Increased Risk of Lymphoid Neoplasms in Patients with Philadelphia Chromosome-negative Myeloproliferative Neoplasms. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009, 18, 2068-2073.	2.5	100
28	Fluoxetine treatment affects the inflammatory response and microglial function according to the quality of the living environment. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 261-271.	4.1	96
29	Regulation of GABA release by nicotinic acetylcholine receptors in the neonatal rat hippocampus. <i>Journal of Physiology</i> , 2001, 536, 89-100.	2.9	85
30	Interplay between inflammation and neural plasticity: Both immune activation and suppression impair LTP and BDNF expression. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 484-494.	4.1	84
31	Overexpression of the transmembrane carbonic anhydrase isoforms IX and XII in the inflamed synovium. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 60-63.	5.2	82
32	Demethylation of the <i>RORC2</i> and <i>IL17A</i> in Human CD4+ T Lymphocytes Defines Th17 Origin of Nonclassic Th1 Cells. <i>Journal of Immunology</i> , 2015, 194, 3116-3126.	0.8	79
33	Human circulating group 2 innate lymphoid cells can express CD154 and promote IgE production. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 964-976.e4.	2.9	77
34	LTP impairment by fractalkine/CX3CL1 in mouse hippocampus is mediated through the activity of adenosine receptor type 3 (A3R). <i>Journal of Neuroimmunology</i> , 2009, 215, 36-42.	2.3	75
35	Microglia shape presynaptic properties at developing glutamatergic synapses. <i>Glia</i> , 2019, 67, 53-67.	4.9	72
36	Demonstration of circulating allergen-specific CD4+CD25 ^{high} Foxp3+ T-regulatory cells in both nonatopic and atopic individuals. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 429-436.	2.9	70

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37	Nicotinic Acetylcholine Receptors Assembled from the $\alpha 7$ and $\beta 3$ Subunits. <i>Journal of Biological Chemistry</i> , 1999, 274, 18335-18340.	3.4	69
38	Electrophysiological Properties of CA1 Pyramidal Neurons along the Longitudinal Axis of the Mouse Hippocampus. <i>Scientific Reports</i> , 2016, 6, 38242.	3.3	69
39	Effects of Zn ²⁺ on wild and mutant neuronal $\alpha 7$ nicotinic receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10246-10250.	7.1	68
40	Human immature myeloid dendritic cells trigger a TH2-polarizing program via Jagged-1/Notch interaction. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1000-1005.e8.	2.9	66
41	Th17 plasticity: pathophysiology and treatment of chronic inflammatory disorders. <i>Current Opinion in Pharmacology</i> , 2014, 17, 12-16.	3.5	64
42	Brief Report: Etanercept Inhibits the Tumor Necrosis Factor α -Driven Shift of Th17 Lymphocytes Toward a Nonclassic Th1 Phenotype in Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 1372-1377.	5.6	59
43	Fractalkine (CX3CL1) enhances hippocampal N-methyl-d-aspartate receptor (NMDAR) function via d-serine and adenosine receptor type A2 (A2AR) activity. <i>Journal of Neuroinflammation</i> , 2013, 10, 108.	7.2	54
44	Homeostatic Control of Synaptic Activity by Endogenous Adenosine is Mediated by Adenosine Kinase. <i>Cerebral Cortex</i> , 2014, 24, 67-80.	2.9	54
45	4-Oxystilbene compounds are selective ligands for neuronal nicotinic $\alpha 5 \beta 4$ Bungarotoxin receptors. <i>British Journal of Pharmacology</i> , 1998, 124, 1197-1206.	5.4	51
46	IL-10 Is Excluded from the Functional Cytokine Memory of Human CD4 ⁺ Memory T Lymphocytes. <i>Journal of Immunology</i> , 2007, 179, 2389-2396.	0.8	51
47	CD4 ⁺ CD161 ⁺ T Lymphocytes Infiltrate Crohn's Disease-Associated Perianal Fistulas and Are Reduced by Anti-TNF- α Local Therapy. <i>International Archives of Allergy and Immunology</i> , 2013, 161, 81-86.	2.1	50
48	Persistent decrease in synaptic efficacy induced by nicotine at Schaffer collateral-CA1 synapses in the immature rat hippocampus. <i>Journal of Physiology</i> , 2004, 559, 863-874.	2.9	49
49	Effects of fluoxetine on wild and mutant neuronal $\alpha 7$ nicotinic receptors. <i>Molecular Psychiatry</i> , 1998, 3, 350-355.	7.9	48
50	Dysregulation of sphingosine 1 phosphate receptor-1 (S1P1) signaling and regulatory lymphocyte-dependent immunosuppression in a model of post-fingolimod MS rebound. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 78-86.	4.1	48
51	Role of Type 2 Innate Lymphoid Cells in Allergic Diseases. <i>Current Allergy and Asthma Reports</i> , 2017, 17, 66.	5.3	48
52	Microglia control glutamatergic synapses in the adult mouse hippocampus. <i>Glia</i> , 2022, 70, 173-195.	4.9	46
53	Loss of methylation at the <i>IFNG</i> promoter and <i>CNS2</i> is associated with the development of functional <i>IFN</i> γ memory in human <i>CD4⁺T</i> lymphocytes. <i>European Journal of Immunology</i> , 2013, 43, 793-804.	2.9	44
54	Microglia modulate hippocampal synaptic transmission and sleep duration along the light/dark cycle. <i>Glia</i> , 2022, 70, 89-105.	4.9	43

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55	<sc>IL</sc>4⁺-induced gene 1 maintains high <sc>T</sc>ob1 expression that contributes to <sc>TCR</sc> unresponsiveness in human <sc>T</sc> helper 17 cells. European Journal of Immunology, 2014, 44, 654-661.	2.9	36
56	The TLR7 Ligand 9-Benzyl-2-Butoxy-8-Hydroxy Adenine Inhibits IL-17 Response by Eliciting IL-10 and IL-10⁺-Inducing Cytokines. Journal of Immunology, 2011, 186, 4707-4715.	0.8	34
57	The chemokine CXCL16 modulates neurotransmitter release in hippocampal CA1 area. Scientific Reports, 2016, 6, 34633.	3.3	34
58	Combined Fluoxetine and Metformin Treatment Potentiates Antidepressant Efficacy Increasing IGF2 Expression in the Dorsal Hippocampus. Neural Plasticity, 2019, 2019, 1-12.	2.2	32
59	The role of microglia in mediating the effect of the environment in brain plasticity and behavior. Frontiers in Cellular Neuroscience, 2014, 8, 390.	3.7	31
60	Microglial-glucocorticoid receptor depletion alters the response of hippocampal microglia and neurons in a chronic unpredictable mild stress paradigm in female mice. Brain, Behavior, and Immunity, 2021, 97, 423-439.	4.1	31
61	Single⁺-cell dynamics of mast cell⁺-CD4⁺-CD25⁺-regulatory T cell interactions. European Journal of Immunology, 2011, 41, 1872-1882.	2.9	29
62	MicroRNA-335-5p modulates spatial memory and hippocampal synaptic plasticity. Neurobiology of Learning and Memory, 2017, 139, 63-68.	1.9	29
63	Detection by Flow Cytometry of ESAT-6- and PPD-Specific Circulating CD4+ T Lymphocytes as a Diagnostic Tool for Tuberculosis. International Archives of Allergy and Immunology, 2007, 143, 1-9.	2.1	27
64	Premature changes in neuronal excitability account for hippocampal network impairment and autistic-like behavior in neonatal BTBR T+tf/J mice. Scientific Reports, 2016, 6, 31696.	3.3	26
65	Etanercept Downregulates the Th17 Pathway and Decreases the IL-17+/IL-10+ Cell Ratio in Patients with Psoriasis Vulgaris. Journal of Clinical Immunology, 2012, 32, 1221-1232.	3.8	25
66	Modified Adenine (9-Benzyl-2-Butoxy-8-Hydroxyadenine) Redirects Th2-Mediated Murine Lung Inflammation by Triggering TLR7. Journal of Immunology, 2009, 182, 880-889.	0.8	24
67	Reasons for rarity of Th17 cells in inflammatory sites of human disorders. Seminars in Immunology, 2013, 25, 299-304.	5.6	23
68	T cell subpopulations in juvenile idiopathic arthritis and their modifications after biotherapies. Autoimmunity Reviews, 2016, 15, 1141-1144.	5.8	23
69	Neuronal nicotinic threonine-for-leucine 247 ↗ mutant receptors show different gating kinetics when activated by acetylcholine or by the noncompetitive agonist 5-hydroxytryptamine. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9915-9919.	7.1	22
70	Perianal Crohn™s disease and hidradenitis suppurativa: a possible common immunological scenario. Clinical and Molecular Allergy, 2015, 13, 12.	1.8	21
71	Musculin inhibits human T™helper 17 cell response to interleukin 2 by controlling STAT5B activity. European Journal of Immunology, 2017, 47, 1427-1442.	2.9	18
72	Th1-Induced CD106 Expression Mediates Leukocytes Adhesion on Synovial Fibroblasts from Juvenile Idiopathic Arthritis Patients. PLoS ONE, 2016, 11, e0154422.	2.5	18

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73	Interaction between Ephrins and mGlu5 Metabotropic Glutamate Receptors in the Induction of Long-Term Synaptic Depression in the Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 2835-2843.	3.6	17
74	Immunosuppressive Activity of Abatacept on Circulating T Helper Lymphocytes from Juvenile Idiopathic Arthritis Patients. <i>International Archives of Allergy and Immunology</i> , 2016, 171, 45-53.	2.1	17
75	Editorial: Cytokines as Players of Neuronal Plasticity and Sensitivity to Environment in Healthy and Pathological Brain. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 508.	3.7	16
76	IL411 Is Expressed by Headâ€œNeck Cancer-Derived Mesenchymal Stromal Cells and Contributes to Suppress T Cell Proliferation. <i>Journal of Clinical Medicine</i> , 2021, 10, 2111.	2.4	16
77	Short-chain fatty acids promote the effect of environmental signals on the gut microbiome and metabolome in mice. <i>Communications Biology</i> , 2022, 5, .	4.4	16
78	A Novel Mn ⁺⁺ -Dependent Ribonuclease That Functions in U16 SnoRNA Processing in <i>X.Laevis</i> .. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 514-517.	2.1	15
79	Selective effects of a 4-oxystilbene derivative on wild and mutant neuronal chick $\alpha 7$ nicotinic receptor. <i>British Journal of Pharmacology</i> , 1999, 126, 285-295.	5.4	15
80	A novel allergen-adjuvant conjugate suitable for specific immunotherapy of respiratory allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 84-92.e6.	2.9	13
81	T-cell clones from Th1, Th17 or Th1/17 lineages and their signature cytokines have different capacity to activate endothelial cells or synoviocytes. <i>Cytokine</i> , 2016, 88, 241-250.	3.2	12
82	Selecting antidepressants according to a drug-by-environment interaction: A comparison of fluoxetine and minocycline effects in mice living either in enriched or stressful conditions. <i>Behavioural Brain Research</i> , 2021, 408, 113256.	2.2	11
83	Chitinase 3-like-1 is produced by human Th17 cells and correlates with the level of inflammation in juvenile idiopathic arthritis patients. <i>Clinical and Molecular Allergy</i> , 2016, 14, 16.	1.8	10
84	Multivesicular Release at Developing Schaffer Collateralâ€œCA1 Synapses: An Analytic Approach to Describe Experimental Data. <i>Journal of Neurophysiology</i> , 2006, 96, 15-26.	1.8	9
85	A Case Report of Long-term Remission of Ulcerative Colitis After Lymphocyto-plasmapheresis. <i>Therapeutic Apheresis and Dialysis</i> , 2007, 11, 65-69.	0.9	2
86	Strategies for T Helper Cell Subset Differentiation from Naïve Precursors. <i>Methods in Molecular Biology</i> , 2017, 1514, 127-137.	0.9	1