

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
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#	ARTICLE	IF	CITATIONS
1	Microglia modulate hippocampal synaptic transmission and sleep duration along the light/dark cycle. <i>Glia</i> , 2022, 70, 89-105.	4.9	43
2	Microglia control glutamatergic synapses in the adult mouse hippocampus. <i>Glia</i> , 2022, 70, 173-195.	4.9	46
3	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
4	IL4I1 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
5	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
6	Microglial-glucocorticoid receptor depletion alters the response of hippocampal microglia and neurons in a chronic unpredictable mild stress paradigm in female mice. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 423-439.	4.1	31
7	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
8	Combined Fluoxetine and Metformin Treatment Potentiates Antidepressant Efficacy Increasing IGF2 Expression in the Dorsal Hippocampus. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	2.2	32
9	Microglia shape presynaptic properties at developing glutamatergic synapses. <i>Glia</i> , 2019, 67, 53-67.	4.9	72
10	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
11	Musculin inhibits human Tâ€œhelper 17 cell response to interleukin 2 by controlling STAT5B activity. <i>European Journal of Immunology</i> , 2017, 47, 1427-1442.	2.9	18
12	MicroRNA-335-5p modulates spatial memory and hippocampal synaptic plasticity. <i>Neurobiology of Learning and Memory</i> , 2017, 139, 63-68.	1.9	29
13	Role of Type 2 Innate Lymphoid Cells in Allergic Diseases. <i>Current Allergy and Asthma Reports</i> , 2017, 17, 66.	5.3	48
14	Strategies for T Helper Cell Subset Differentiation from Naïve Precursors. <i>Methods in Molecular Biology</i> , 2017, 1514, 127-137.	0.9	1
15	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
16	Premature changes in neuronal excitability account for hippocampal network impairment and autistic-like behavior in neonatal BTBR T+tf/J mice. <i>Scientific Reports</i> , 2016, 6, 31696.	3.3	26
17	Electrophysiological Properties of CA1 Pyramidal Neurons along the Longitudinal Axis of the Mouse Hippocampus. <i>Scientific Reports</i> , 2016, 6, 38242.	3.3	69
18	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

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19	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
20	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
21	Dark microglia: A new phenotype predominantly associated with pathological states. <i>Glia</i> , 2016, 64, 826-839.	4.9	325
22	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
23	T cell subpopulations in juvenile idiopathic arthritis and their modifications after biotherapies. <i>Autoimmunity Reviews</i> , 2016, 15, 1141-1144.	5.8	23
24	The chemokine CXCL16 modulates neurotransmitter release in hippocampal CA1 area. <i>Scientific Reports</i> , 2016, 6, 34633.	3.3	34
25	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
26	Fractalkine receptor deficiency impairs microglial and neuronal responsiveness to chronic stress. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 114-125.	4.1	192
27	Th1-Induced CD106 Expression Mediates Leukocytes Adhesion on Synovial Fibroblasts from Juvenile Idiopathic Arthritis Patients. <i>PLoS ONE</i> , 2016, 11, e0154422.	2.5	18
28	Perianal Crohn's disease and hidradenitis suppurativa: a possible common immunological scenario. <i>Clinical and Molecular Allergy</i> , 2015, 13, 12.	1.8	21
29	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
30	Enriched environment reduces glioma growth through immune and non-immune mechanisms in mice. <i>Nature Communications</i> , 2015, 6, 6623.	12.8	104
31	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
32	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
33	The role of microglia in mediating the effect of the environment in brain plasticity and behavior. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 390.	3.7	31
34	IL-4-induced gene 1 maintains high <i>Tob1</i> expression that contributes to <i>TCR</i> unresponsiveness in human <i>T</i> helper 17 cells. <i>European Journal of Immunology</i> , 2014, 44, 654-661.	2.9	36
35	Th17 plasticity: pathophysiology and treatment of chronic inflammatory disorders. <i>Current Opinion in Pharmacology</i> , 2014, 17, 12-16.	3.5	64
36	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

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37	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
38	Homeostatic Control of Synaptic Activity by Endogenous Adenosine is Mediated by Adenosine Kinase. <i>Cerebral Cortex</i> , 2014, 24, 67-80.	2.9	54
39	Reasons for rarity of Th17 cells in inflammatory sites of human disorders. <i>Seminars in Immunology</i> , 2013, 25, 299-304.	5.6	23
40	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
41	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
42	Loss of methylation at the <i>IFNG</i> promoter and <i>CNS1</i> is associated with the development of functional <i>IFN</i> γ memory in human <i>CD4</i> ⁺ <i>T</i> lymphocytes. <i>European Journal of Immunology</i> , 2013, 43, 793-804.	2.9	44
43	IL-1 and T Helper Immune Responses. <i>Frontiers in Immunology</i> , 2013, 4, 182.	4.8	112
44	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
45	Distinctive features of classic and nonclassic (<i>T</i> _H 17 derived) human <i>T</i> _H 1 cells. <i>European Journal of Immunology</i> , 2012, 42, 3180-3188.	2.9	118
46	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
47	Etanercept Downregulates the Th17 Pathway and Decreases the IL-17 ⁺ /IL-10 ⁺ Cell Ratio in Patients with Psoriasis Vulgaris. <i>Journal of Clinical Immunology</i> , 2012, 32, 1221-1232.	3.8	25
48	Synaptic Pruning by Microglia Is Necessary for Normal Brain Development. <i>Science</i> , 2011, 333, 1456-1458.	12.6	3,138
49	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
50	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
51	Single-cell dynamics of mast cell-CD4 ⁺ CD25 ⁺ regulatory T cell interactions. <i>European Journal of Immunology</i> , 2011, 41, 1872-1882.	2.9	29
52	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
53	The TLR7 Ligand 9-Benzyl-2-Butoxy-8-Hydroxy Adenine Inhibits IL-17 Response by Eliciting IL-10 and IL-10-Inducing Cytokines. <i>Journal of Immunology</i> , 2011, 186, 4707-4715.	0.8	34
54	Evidence for a cross-talk between human neutrophils and Th17 cells. <i>Blood</i> , 2010, 115, 335-343.	1.4	655

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55	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
56	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
57	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
58	Modified Adenine (9-Benzyl-2-Butoxy-8-Hydroxyadenine) Redirects Th2-Mediated Murine Lung Inflammation by Triggering TLR7. <i>Journal of Immunology</i> , 2009, 182, 880-889.	0.8	24
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	Phenotypic and functional features of human Th17 cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 1849-1861.	8.5	1,689
69	Detection by Flow Cytometry of ESAT-6- and PPD-Specific Circulating CD4+ T Lymphocytes as a Diagnostic Tool for Tuberculosis. <i>International Archives of Allergy and Immunology</i> , 2007, 143, 1-9.	2.1	27
70	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
71	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
72	Multivesicular Release at Developing Schaffer Collateral-CA1 Synapses: An Analytic Approach to Describe Experimental Data. <i>Journal of Neurophysiology</i> , 2006, 96, 15-26.	1.8	9

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73	Chemokine Fractalkine/CX3CL1 Negatively Modulates Active Glutamatergic Synapses in Rat Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 10488-10498.	3.6	116
74	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
75	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
76	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
77	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
78	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
79	SDF-1 α -mediated modulation of synaptic transmission in rat cerebellum. <i>European Journal of Neuroscience</i> , 2000, 12, 2497-2504.	2.6	117
80	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
81	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
82	4-Oxystilbene compounds are selective ligands for neuronal nicotinic $\alpha 7$ Bungarotoxin receptors. <i>British Journal of Pharmacology</i> , 1998, 124, 1197-1206.	5.4	51
83	Effects of fluoxetine on wild and mutant neuronal $\alpha 7$ nicotinic receptors. <i>Molecular Psychiatry</i> , 1998, 3, 350-355.	7.9	48
84	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
85	Neuronal nicotinic threonine-for-leucine 247 $\alpha 7$ mutant receptors show different gating kinetics when activated by acetylcholine or by the noncompetitive agonist 5-hydroxytryptamine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 9915-9919.	7.1	22
86	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