Laura Maggi

List of Publications by Year
in descending order

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84 papers	9,062 citations	71061 41 h-index	64755 79 g-index
86 all docs	86 docs citations	86 times ranked	14948 citing authors

#	Article	IF	Citations
1	Phenotypic and functional features of human Th17 cells. Journal of Experimental Medicine, 2007, 204, 1849-1861.	4.2	1,689
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
3	Human interleukin 17â€“producing cells originate from a CD161+CD4+ T cell precursor. Journal of Experimental Medicine, 2008, 205, 1903-1916.	4.2	668
4	Evidence for a cross-talk between human neutrophils and Th17 cells. Blood, 2010, 115, 335-343.	0.6	655
5	Impaired immune cell cytotoxicity in severe COVID-19 is IL-6 dependent. Journal of Clinical Investigation, 2020, 130, 4694-4703.	3.9	424
6	CD161 is a marker of all human ILâ€17â€producing Tâ€cell subsets and is induced by RORC. European Journal of Immunology, 2010, 40, 2174-2181.	1.6	333
7	Identification of a novel subset of human circulating memory CD4+ T cells that produce both IL-17A and IL-4. Journal of Allergy and Clinical Immunology, 2010, 125, 222-230.e4.	1.5	275
8	CD14+CD34lowCells With Stem Cell Phenotypic and Functional Features Are the Major Source of Circulating Endothelial Progenitors. Circulation Research, 2005, 97, 314-322.	2.0	245
9	T helper cells plasticity in inflammation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 36-42.	1.1	224
10	Evidence of the transient nature of the Th17 phenotype of CD4+CD161+ T cells in the synovial fluid of patients with juvenile idiopathic arthritis. Arthritis and Rheumatism, 2011, 63, 2504-2515.	6.7	213
11	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	1.6	198
12	Regenerative Potential of Embryonic Renal Multipotent Progenitors in Acute Renal Failure. Journal of the American Society of Nephrology: JASN, 2007, 18, 3128-3138.	3.0	194
13	Fractalkine receptor deficiency impairs microglial and neuronal responsiveness to chronic stress. Brain, Behavior, and Immunity, 2016, 55, 114-125.	2.0	192
14	TGFâ€Î² indirectly favors the development of human Th17 cells by inhibiting Th1 cells. European Journal of Immunology, 2009, 39, 207-215.	1.6	147
15	CX3CR1 deficiency alters hippocampal-dependent plasticity phenomena blunting the effects of enriched environment. Frontiers in Cellular Neuroscience, 2011, 5, 22.	1.8	124
16	Distinctive features of classic and nonclassic (<scp>T</scp>h17 derived) human <scp>T</scp>h1 cells. European Journal of Immunology, 2012, 42, 3180-3188.	1.6	118
17	Chemokine Fractalkine/CX3CL1 Negatively Modulates Active Glutamatergic Synapses in Rat Hippocampal Neurons. Journal of Neuroscience, 2006, 26, 10488-10498.	1.7	116
18	First-dose mRNA vaccination is sufficient to reactivate immunological memory to SARS-CoV-2 in subjects who have recovered from COVID-19. Journal of Clinical Investigation, 2021, 131, .	3.9	116

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19	Frequency of regulatory T cells in peripheral blood and in tumourâ€infiltrating lymphocytes correlates with poor prognosis in renal cell carcinoma. BJU International, 2011, 107, 1500-1506.	1.3	115
20	IL-1 and T Helper Immune Responses. Frontiers in Immunology, 2013, 4, 182.	2.2	112
21	CXCR3-mediated opposite effects of CXCL10 and CXCL4 on T1 or T2 cytokine production. Journal of Allergy and Clinical Immunology, 2005, 116, 1372-1379.	1.5	106
22	Rarity of Human T Helper 17 Cells Is due to Retinoic Acid Orphan Receptor-Dependent Mechanisms that Limit Their Expansion. Immunity, 2012, 36, 201-214.	6.6	103
23	Overexpression of the transmembrane carbonic anhydrase isoforms IX and XII in the inflamed synovium. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 60-63.	2.5	82
24	Demethylation of the RORC2 and IL17A in Human CD4+ T Lymphocytes Defines Th17 Origin of Nonclassic Th1 Cells. Journal of Immunology, 2015, 194, 3116-3126.	0.4	79
25	Human circulating group 2 innate lymphoid cells can express CD154 and promote IgE production. Journal of Allergy and Clinical Immunology, 2017, 139, 964-976.e4.	1.5	77
26	Metabolomic/lipidomic profiling of COVID-19 and individual response to tocilizumab. PLoS Pathogens, 2021, 17, e1009243.	2.1	76
27	LTP impairment by fractalkine/CX3CL1 in mouse hippocampus is mediated through the activity of adenosine receptor type 3 (A3R). Journal of Neuroimmunology, 2009, 215, 36-42.	1.1	75
28	Demonstration of circulating allergen-specific CD4+CD25highFoxp3+ T-regulatory cells in both nonatopic and atopic individuals. Journal of Allergy and Clinical Immunology, 2007, 120, 429-436.	1.5	70
29	Quantitative and qualitative alterations of circulating myeloid cells and plasmacytoid DC in SARSâ€CoVâ€2 infection. Immunology, 2020, 161, 345-353.	2.0	68
30	Human immature myeloid dendritic cells trigger a TH2-polarizing program via Jagged-1/Notch interaction. Journal of Allergy and Clinical Immunology, 2008, 121, 1000-1005.e8.	1.5	66
31	Th17 plasticity: pathophysiology and treatment of chronic inflammatory disorders. Current Opinion in Pharmacology, 2014, 17, 12-16.	1.7	64
32	Eomes controls the development of Th17â€derived (nonâ€classic) Th1 cells during chronic inflammation. European Journal of Immunology, 2019, 49, 79-95.	1.6	64
33	Compassionate use of JAK1/2 inhibitor ruxolitinib for severe COVID-19: a prospective observational study. Leukemia, 2021, 35, 1121-1133.	3.3	61
34	Brief Report: Etanercept Inhibits the Tumor Necrosis Factor Î±â€“Driven Shift of Th17 Lymphocytes Toward a Nonclassic Th1 Phenotype in Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2014, 66, 1372-1377.	2.9	59
35	Fractalkine (CX3CL1) enhances hippocampal N-methyl-d-aspartate receptor (NMDAR) function via d-serine and adenosine receptor type A2 (A2AR) activity. Journal of Neuroinflammation, 2013, 10, 108.	3.1	54
36	Cellâ€mediated and humoral adaptive immune responses to SARSâ€CoVâ€2 are lower in asymptomatic than symptomatic COVIDâ€19 patients. European Journal of Immunology, 2020, 50, 2013-2024.	1.6	53

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37	IL-10 Is Excluded from the Functional Cytokine Memory of Human CD4+ Memory T Lymphocytes. Journal of Immunology, 2007, 179, 2389-2396.	0.4	51
38	CD4+CD161+ T Lymphocytes Infiltrate Crohnâ€™s Disease-Associated Perianal Fistulas and Are Reduced by Anti-TNF-Î± Local Therapy. International Archives of Allergy and Immunology, 2013, 161, 81-86.	0.9	50
39	Dysregulation of sphingosine 1 phosphate receptor-1 (S1P1) signaling and regulatory lymphocyte-dependent immunosuppression in a model of post-fingolimod MS rebound. Brain, Behavior, and Immunity, 2015, 50, 78-86.	2.0	48
40	Role of Type 2 Innate Lymphoid Cells in Allergic Diseases. Current Allergy and Asthma Reports, 2017, 17, 66.	2.4	48
41	Loss of methylation at the <scp>IFNG</scp> promoter and <scp>CNS</scp>â€1 is associated with the development of functional <scp>IFN</scp>â€Î³ memory in human <scp>CD</scp>4⁺<scp>T</scp> lymphocytes. European Journal of Immunology, 2013, 43, 793-804.	1.6	44
42	Human neutrophils activated via TLR8 promote Th17 polarization through IL-23. Journal of Leukocyte Biology, 2019, 105, 1155-1165.	1.5	44
43	Biological and clinical significance of T helper 17 cell plasticity. Immunology, 2019, 158, 287-295.	2.0	43
44	Omalizumab dampens type 2 inflammation in a group of longâ€term treated asthma patients and detaches IgE from FcÎµRI. European Journal of Immunology, 2018, 48, 2005-2014.	1.6	40
45	Hallmarks of immune response in COVID-19: Exploring dysregulation and exhaustion. Seminars in Immunology, 2021, 55, 101508.	2.7	37
46	<scp>IL</scp>â€4â€induced gene 1 maintains high <scp>T</scp>ob1 expression that contributes to <scp>TCR</scp> unresponsiveness in human <scp>T</scp> helper 17 cells. European Journal of Immunology, 2014, 44, 654-661.	1.6	36
47	The TLR7 Ligand 9-Benzyl-2-Butoxy-8-Hydroxy Adenine Inhibits IL-17 Response by Eliciting IL-10 and IL-10â€“Inducing Cytokines. Journal of Immunology, 2011, 186, 4707-4715.	0.4	34
48	The chemokine CXCL16 modulates neurotransmitter release in hippocampal CA1 area. Scientific Reports, 2016, 6, 34633.	1.6	34
49	Th17 and Th1 Lymphocytes in Oligoarticular Juvenile Idiopathic Arthritis. Frontiers in Immunology, 2019, 10, 450.	2.2	34
50	SARS-CoV-2 Spike-Specific CD4+ T Cell Response Is Conserved Against Variants of Concern, Including Omicron. Frontiers in Immunology, 2022, 13, 801431.	2.2	31
51	Impaired response to first <scp>SARSâ€CoV</scp>â€2 dose vaccination in myeloproliferative neoplasm patients receiving ruxolitinib. American Journal of Hematology, 2021, 96, E408-E410.	2.0	30
52	SARS-CoV-2 infection and vaccination trigger long-lived B and CD4+ T lymphocytes with implications for booster strategies. Journal of Clinical Investigation, 2022, 132, .	3.9	30
53	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.	2.0	25
54	Modified Adenine (9-Benzyl-2-Butoxy-8-Hydroxyadenine) Redirects Th2-Mediated Murine Lung Inflammation by Triggering TLR7. Journal of Immunology, 2009, 182, 880-889.	0.4	24

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55	Reasons for rarity of Th17 cells in inflammatory sites of human disorders. Seminars in Immunology, 2013, 25, 299-304.	2.7	23
56	T cell subpopulations in juvenile idiopathic arthritis and their modifications after biotherapies. Autoimmunity Reviews, 2016, 15, 1141-1144.	2.5	23
57	Perianal Crohnâ€™s disease and hidradenitis suppurativa: a possible common immunological scenario. Clinical and Molecular Allergy, 2015, 13, 12.	0.8	21
58	Biologicals targeting type 2 immunity: Lessons learned from asthma, chronic urticaria and atopic dermatitis. European Journal of Immunology, 2019, 49, 1334-1343.	1.6	19
59	Musculin inhibits human Tâ€helper 17 cell response to interleukin 2 by controlling STAT5B activity. European Journal of Immunology, 2017, 47, 1427-1442.	1.6	18
60	Th1-Induced CD106 Expression Mediates Leukocytes Adhesion on Synovial Fibroblasts from Juvenile Idiopathic Arthritis Patients. PLoS ONE, 2016, 11, e0154422.	1.1	18
61	Immunosuppressive Activity of Abatacept on Circulating T Helper Lymphocytes from Juvenile Idiopathic Arthritis Patients. International Archives of Allergy and Immunology, 2016, 171, 45-53.	0.9	17
62	The dual function of ILC2: From host protection to pathogenic players in type 2 asthma. Molecular Aspects of Medicine, 2021, 80, 100981.	2.7	17
63	IL4I1 Is Expressed by Headâ€“Neck Cancer-Derived Mesenchymal Stromal Cells and Contributes to Suppress T Cell Proliferation. Journal of Clinical Medicine, 2021, 10, 2111.	1.0	16
64	Pulmonary vascular improvement in severe COVID-19 patients treated with tocilizumab. Immunology Letters, 2020, 228, 122-128.	1.1	14
65	A novel allergen-adjuvant conjugate suitable for specific immunotherapy of respiratory allergy. Journal of Allergy and Clinical Immunology, 2013, 132, 84-92.e6.	1.5	13
66	T-cell clones from Th1, Th17 or Th1/17 lineages and their signature cytokines have different capacity to activate endothelial cells or synoviocytes. Cytokine, 2016, 88, 241-250.	1.4	12
67	Activated IL-6 signaling contributes to the pathogenesis of, and is a novel therapeutic target for, CALR-mutated MPNs. Blood Advances, 2021, 5, 2184-2195.	2.5	12
68	Serum NMR Profiling Reveals Differential Alterations in the Lipoproteome Induced by Pfizer-BioNTech Vaccine in COVID-19 Recovered Subjects and NaÃ¯ve Subjects. Frontiers in Molecular Biosciences, 2022, 9, 839809.	1.6	11
69	Chitinase 3-like-1 is produced by human Th17 cells and correlates with the level of inflammation in juvenile idiopathic arthritis patients. Clinical and Molecular Allergy, 2016, 14, 16.	0.8	10
70	Th17 lymphocyteâ€dependent degradation of joint cartilage by synovial fibroblasts in a humanized mouse model of arthritis and reversal by secukinumab. European Journal of Immunology, 2021, 51, 220-230.	1.6	8
71	Innate lymphoid cells type 2 in LTPâ€allergic patients and their modulation during sublingual immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2253-2256.	2.7	8
72	Human T cells interacting with HNSCCâ€derived mesenchymal stromal cells acquire tissueâ€resident memory like properties. European Journal of Immunology, 2020, 50, 1571-1579.	1.6	8

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73	T Cell Response Toward Tissue-and Epidermal-Transglutaminases in Coeliac Disease Patients Developing Dermatitis Herpetiformis. Frontiers in Immunology, 2021, 12, 645143.	2.2	7
74	Plasticity and regulatory mechanisms of human ILC2 functions. Immunology Letters, 2020, 227, 109-116.	1.1	6
75	COVIDâ€19 in a kidney transplant recipient after mRNAâ€based SARSâ€CoVâ€2 vaccination. Transplant Infectious Disease, 2021, 23, e13649.	0.7	6
76	The protease systems and their pathogenic role in juvenile idiopathic arthritis. Autoimmunity Reviews, 2019, 18, 761-766.	2.5	4
77	Thymic stromal lymphopoietin and alarmins as possible therapeutical targets for asthma. Current Opinion in Allergy and Clinical Immunology, 2021, 21, 590-596.	1.1	4
78	Strategies for T Helper Cell Subset Differentiation from NaÃ¯ve Precursors. Methods in Molecular Biology, 2017, 1514, 127-137.	0.4	1
79	Disseminated Mycobacterium xenopi in an Adult with IL-12RÎ²1 Deficiency. Journal of Clinical Immunology, 2020, 40, 1166-1170.	2.0	1
80	Study of Signal Transduction Pathways by Phospho-Protein Evaluation. Methods in Molecular Biology, 2021, 2285, 191-200.	0.4	1
81	A3.7â€…Comparison of the Effects of Th17 and Th1 Cells on Endothelial Cells and Synoviocytes. Annals of the Rheumatic Diseases, 2013, 72, A15.3-A16.	0.5	0
82	Human T-Cell Cloning by Limiting Dilution. Methods in Molecular Biology, 2021, 2285, 165-172.	0.4	0
83	Absence of Calreticulin Phenocopies Cellular Abnormalities Induced By Calreticulin Exon-9 Mutation in Myeloproliferative Neoplasms. Blood, 2018, 132, 1780-1780.	0.6	0
84	Variants Disrupting CD40L Transmembrane Domain and Atypical X-Linked Hyper-IgM Syndrome: A Case Report With Leishmaniasis and Review of the Literature. Frontiers in Immunology, 2022, 13, 840767.	2.2	0