

# Lorenzo Cosmi

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

6,775

citations

36

h-index

82

g-index

89

ext. papers

8,214

ext. citations

7.2

avg, IF

5.15

L-index

#	Paper	IF	Citations
83	SARS-CoV-2 Spike-Specific CD4+ T Cell Response Is Conserved Against Variants of Concern, Including Omicron.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 801431	8.4	6
82	SARS-CoV-2 infection and vaccination trigger long-lived B and CD4+ T lymphocytes: implications for booster strategies.. <i>Journal of Clinical Investigation</i> , <b>2022</b> ,	15.9	3
81	Variants Disrupting CD40L Transmembrane Domain and Atypical X-Linked Hyper-IgM Syndrome: A Case Report With Leishmaniasis and Review of the Literature.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 840767	8.4	8
80	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 2708-3145	6.1	12
79	Hallmarks of immune response in COVID-19: Exploring dysregulation and exhaustion. <i>Seminars in Immunology</i> , <b>2021</b> , 101508	10.7	3
78	ARIA-ITALY multidisciplinary consensus on nasal polyposis and biological treatments. <i>World Allergy Organization Journal</i> , <b>2021</b> , 14, 100592	5.2	2
77	T Cell Response Toward Tissue-and Epidermal-Transglutaminases in Coeliac Disease Patients Developing Dermatitis Herpetiformis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 645143	8.4	3
76	IL411 Is Expressed by Head-Neck Cancer-Derived Mesenchymal Stromal Cells and Contributes to Suppress T Cell Proliferation. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	4
75	First-dose mRNA vaccination is sufficient to reactivate immunological memory to SARS-CoV-2 in subjects who have recovered from COVID-19. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	60
74	Human cell-based anti-inflammatory effects of rosiglitazone. <i>Journal of Endocrinological Investigation</i> , <b>2021</b> , 1	5.2	0
73	Th17 lymphocyte-dependent degradation of joint cartilage by synovial fibroblasts in a humanized mouse model of arthritis and reversal by secukinumab. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 220-230	6.1	1
72	Heterogeneous magnitude of immunological memory to SARS-CoV-2 in recovered individuals. <i>Clinical and Translational Immunology</i> , <b>2021</b> , 10, e1281	6.8	9
71	Innate lymphoid cells type 2 in LTP-allergic patients and their modulation during sublingual immunotherapy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 2253-2256	9.3	4
70	Metabolomic/lipidomic profiling of COVID-19 and individual response to tocilizumab. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009243	7.6	36
69	The dual function of ILC2: From host protection to pathogenic players in type 2 asthma. <i>Molecular Aspects of Medicine</i> , <b>2021</b> , 80, 100981	16.7	3
68	Management of patients with severe asthma: results from a survey among allergists and clinical immunologists of the Central Italy Inter-Regional Section of SIAAIC. <i>Clinical and Molecular Allergy</i> , <b>2021</b> , 19, 22	3.7	
67	Prompt Predicting of Early Clinical Deterioration of Moderate-to-Severe COVID-19 Patients: Usefulness of a Combined Score Using IL-6 in a Preliminary Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2020</b> , 8, 2575-2581.e2	5.4	33

66	Impaired immune cell cytotoxicity in severe COVID-19 is IL-6 dependent. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4694-4703	15.9	261
65	Plasticity and regulatory mechanisms of human ILC2 functions. <i>Immunology Letters</i> , <b>2020</b> , 227, 109-116	4.1	3
64	Cell-mediated and humoral adaptive immune responses to SARS-CoV-2 are lower in asymptomatic than symptomatic COVID-19 patients. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 2013-2024	6.1	35
63	Oral Corticosteroid sparing with biologics in severe asthma: A remark of the (). <i>World Allergy Organization Journal</i> , <b>2020</b> , 13, 100464	5.2	11
62	Pulmonary vascular improvement in severe COVID-19 patients treated with tocilizumab. <i>Immunology Letters</i> , <b>2020</b> , 228, 122-128	4.1	6
61	Quantitative and qualitative alterations of circulating myeloid cells and plasmacytoid DC in SARS-CoV-2 infection. <i>Immunology</i> , <b>2020</b> , 161, 345-353	7.8	42
60	Human T cells interacting with HNSCC-derived mesenchymal stromal cells acquire tissue-resident memory like properties. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 1571-1579	6.1	1
59	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
58	Biological and clinical significance of T helper 17 cell plasticity. <i>Immunology</i> , <b>2019</b> , 158, 287-295	7.8	22
57	The protease systems and their pathogenic role in juvenile idiopathic arthritis. <i>Autoimmunity Reviews</i> , <b>2019</b> , 18, 761-766	13.6	4
56	Th17 and Th1 Lymphocytes in Oligoarticular Juvenile Idiopathic Arthritis. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 450	8.4	20
55	Eomes controls the development of Th17-derived (non-classic) Th1 cells during chronic inflammation. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 79-95	6.1	34
54	Biologics targeting type 2 immunity: Lessons learned from asthma, chronic urticaria and atopic dermatitis. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1334-1343	6.1	10
53	Prevalence of allergy and asthma in a rural community of children and adults in Bolivian Chaco. <i>Immunology Letters</i> , <b>2019</b> , 215, 45-47	4.1	2
52	The intestinal expansion of TCR $\alpha$ and disappearance of IL4 T $\beta$ cells suggest their involvement in the evolution from potential to overt celiac disease. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 2222-2234	6.1	4
51	Omalizumab dampens type 2 inflammation in a group of long-term treated asthma patients and detaches IgE from Fc $\epsilon$ R1. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 2005-2014	6.1	29
50	Musculin inhibits human T-helper 17 cell response to interleukin 2 by controlling STAT5B activity. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1427-1442	6.1	13
49	Th17 and Treg lymphocytes as cellular biomarkers of disease activity in Granulomatosis with Polyangiitis. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 633-636	6.1	8

48	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1584-1797	6.1	359
47	Role of Type 2 Innate Lymphoid Cells in Allergic Diseases. <i>Current Allergy and Asthma Reports</i> , <b>2017</b> , 17, 66	5.6	34
46	Human circulating group 2 innate lymphoid cells can express CD154 and promote IgE production. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 964-976.e4	11.5	61
45	Group 2 Innate Lymphoid Cells Are the Earliest Recruiters of Eosinophils in Lungs of Patients with Allergic Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 666-668	10.2	15
44	T cell subpopulations in juvenile idiopathic arthritis and their modifications after biotherapies. <i>Autoimmunity Reviews</i> , <b>2016</b> , 15, 1141-1144	13.6	15
43	Th1-Induced CD106 Expression Mediates Leukocytes Adhesion on Synovial Fibroblasts from Juvenile Idiopathic Arthritis Patients. <i>PLoS ONE</i> , <b>2016</b> , 11, e0154422	3.7	13
42	Th17 regulating lower airway disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2016</b> , 16, 1-6	3.3	47
41	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> , <b>2016</b> , 14, 16	3.7	8
40	Demethylation of the RORC2 and IL17A in human CD4+ T lymphocytes defines Th17 origin of nonclassic Th1 cells. <i>Journal of Immunology</i> , <b>2015</b> , 194, 3116-26	5.3	54
39	Perianal Crohn's disease and hidradenitis suppurativa: a possible common immunological scenario. <i>Clinical and Molecular Allergy</i> , <b>2015</b> , 13, 12	3.7	15
38	Mesenchymal stem cells are enriched in head neck squamous cell carcinoma, correlates with tumour size and inhibit T-cell proliferation. <i>British Journal of Cancer</i> , <b>2015</b> , 112, 745-54	8.7	43
37	Human Th1 dichotomy: origin, phenotype and biologic activities. <i>Immunology</i> , <b>2014</b> , 144, 343	7.8	30
36	Brief report: etanercept inhibits the tumor necrosis factor $\beta$ -driven shift of Th17 lymphocytes toward a nonclassic Th1 phenotype in juvenile idiopathic arthritis. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 1372-7	9.5	38
35	IL-4-induced gene 1 maintains high Tob1 expression that contributes to TCR unresponsiveness in human T helper 17 cells. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 654-61	6.1	25
34	Th17 and non-classic Th1 cells in chronic inflammatory disorders: two sides of the same coin. <i>International Archives of Allergy and Immunology</i> , <b>2014</b> , 164, 171-7	3.7	61
33	Th17 plasticity: pathophysiology and treatment of chronic inflammatory disorders. <i>Current Opinion in Pharmacology</i> , <b>2014</b> , 17, 12-6	5.1	41
32	T helper cells plasticity in inflammation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2014</b> , 85, 36-42	4.6	162
31	Loss of methylation at the IFNG promoter and CNS-1 is associated with the development of functional IFN- $\gamma$ memory in human CD4(+) T lymphocytes. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 793-804	6.1	34

30	Main features of human T helper 17 cells. <i>Annals of the New York Academy of Sciences</i> , <b>2013</b> , 1284, 66-70	6.5	34
29	Inflammatory response in human skeletal muscle cells: CXCL10 as a potential therapeutic target. <i>European Journal of Cell Biology</i> , <b>2012</b> , 91, 139-49	6.1	59
28	Distinctive features of classic and nonclassic (Th17 derived) human Th1 cells. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 3180-8	6.1	87
27	Rarity of human T helper 17 cells is due to retinoic acid orphan receptor-dependent mechanisms that limit their expansion. <i>Immunity</i> , <b>2012</b> , 36, 201-14	32.3	93
26	Defining the human T helper 17 cell phenotype. <i>Trends in Immunology</i> , <b>2012</b> , 33, 505-12	14.4	115
25	Th17 cells: new players in asthma pathogenesis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 66, 989-98	9.3	232
24	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> , <b>2011</b> , 63, 2504-15		160
23	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> , <b>2010</b> , 125, 222-30.e1-4	11.5	228
22	Immunomodulatory effects of BXL-01-0029, a less hypercalcemic vitamin D analogue, in human cardiomyocytes and T cells. <i>Experimental Cell Research</i> , <b>2009</b> , 315, 264-73	4.2	28
21	Immunosuppression in cardiac graft rejection: a human in vitro model to study the potential use of new immunomodulatory drugs. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 1337-50	4.2	26
20	Human immature myeloid dendritic cells trigger a TH2-polarizing program via Jagged-1/Notch interaction. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 1000-5.e8	11.5	61
19	Human interleukin 17-producing cells originate from a CD161+CD4+ T cell precursor. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 1903-16	16.6	569
18	Elocalcitol inhibits inflammatory responses in human thyroid cells and T cells. <i>Endocrinology</i> , <b>2008</b> , 149, 3626-34	4.8	53
17	Methimazole inhibits CXC chemokine ligand 10 secretion in human thyrocytes. <i>Journal of Endocrinology</i> , <b>2007</b> , 195, 145-55	4.7	47
16	Phenotypic and functional features of human Th17 cells. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 1849-61	16.6	1476
15	Sublingual immunotherapy with Dermatophagoides monomeric allergoid down-regulates allergen-specific immunoglobulin E and increases both interferon-gamma- and interleukin-10-production. <i>Clinical and Experimental Allergy</i> , <b>2006</b> , 36, 261-72	4.1	142
14	CD14+CD34 <sup>low</sup> cells with stem cell phenotypic and functional features are the major source of circulating endothelial progenitors. <i>Circulation Research</i> , <b>2005</b> , 97, 314-22	15.7	218
13	Th2 cells are less susceptible than Th1 cells to the suppressive activity of CD25+ regulatory thymocytes because of their responsiveness to different cytokines. <i>Blood</i> , <b>2004</b> , 103, 3117-21	2.2	149

12	IP-10 and Mig production by glomerular cells in human proliferative glomerulonephritis and regulation by nitric oxide. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 53-64	12.7	63
11	Interferon-inducible protein 10, monokine induced by interferon gamma, and interferon-inducible T-cell alpha chemoattractant are produced by thymic epithelial cells and attract T-cell receptor (TCR) alphabeta+ CD8+ single-positive T cells, TCRgammadelta+ T cells, and natural killer-type cells in human thymus. <i>Blood</i> , <b>2001</b> , 97, 601-7	2.2	98
10	Reversal of human allergen-specific CRTH2+ T(H)2 cells by IL-12 or the PS-DSP30 oligodeoxynucleotide. <i>Journal of Allergy and Clinical Immunology</i> , <b>2001</b> , 108, 815-21	11.5	38
9	Macrophage-derived chemokine production by activated human T cells in vitro and in vivo: preferential association with the production of type 2 cytokines. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 204-10	6.1	97
8	CRTH2 is the most reliable marker for the detection of circulating human type 2 Th and type 2 T cytotoxic cells in health and disease. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 2972-9	6.1	244
7	Enhanced expression of the CXCR4 co-receptor in HIV-1-infected individuals correlates with the emergence of syncytia-inducing strains. <i>Cytokines, Cellular &amp; Molecular Therapy</i> , <b>2000</b> , 6, 19-24		7
6	Macrophage-derived chemokine production by activated human T cells in vitro and in vivo: preferential association with the production of type 2 cytokines <b>2000</b> , 30, 204		9
5	Macrophage-derived chemokine production by activated human T cells in vitro and in vivo: preferential association with the production of type 2 cytokines <b>2000</b> , 30, 204		1
4	Assessment of chemokine receptor expression by human Th1 and Th2 cells in vitro and in vivo. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 65, 691-9	6.5	145
3	Enhanced HIV expression during Th2-oriented responses explained by the opposite regulatory effect of IL-4 and IFN-gamma of fusin/CXCR4. <i>European Journal of Immunology</i> , <b>1998</b> , 28, 3280-90	6.1	65
2	First dose mRNA vaccination is sufficient to reactivate immunological memory to SARS-CoV-2 in ex COVID-19 subjects		3
1	Long-lasting cellular immunity to SARS-CoV-2 following infection or vaccination and implications for booster strategies		1