

Federica Sallusto

List of Publications by Citations

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102
papers

28,601
citations

59
h-index

111
g-index

111
ext. papers

33,327
ext. citations

21.2
avg, IF

6.92
L-index

#	Paper	IF	Citations
102	Two subsets of memory T lymphocytes with distinct homing potentials and effector functions. <i>Nature</i> , 1999 , 401, 708-12	50.4	4728
101	Interleukins 1beta and 6 but not transforming growth factor-beta are essential for the differentiation of interleukin 17-producing human T helper cells. <i>Nature Immunology</i> , 2007 , 8, 942-9	19.1	1483
100	Surface phenotype and antigenic specificity of human interleukin 17-producing T helper memory cells. <i>Nature Immunology</i> , 2007 , 8, 639-46	19.1	1437
99	Flexible programs of chemokine receptor expression on human polarized T helper 1 and 2 lymphocytes. <i>Journal of Experimental Medicine</i> , 1998 , 187, 875-83	16.6	1360
98	Follicular B helper T cells express CXC chemokine receptor 5, localize to B cell follicles, and support immunoglobulin production. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1545-52	16.6	1067
97	Kinetics of dendritic cell activation: impact on priming of TH1, TH2 and nonpolarized T cells. <i>Nature Immunology</i> , 2000 , 1, 311-6	19.1	959
96	Rapid and coordinated switch in chemokine receptor expression during dendritic cell maturation. <i>European Journal of Immunology</i> , 1998 , 28, 2760-9	6.1	949
95	Selective expression of the eotaxin receptor CCR3 by human T helper 2 cells. <i>Science</i> , 1997 , 277, 2005-7	33.3	916
94	A neutralizing antibody selected from plasma cells that binds to group 1 and group 2 influenza A hemagglutinins. <i>Science</i> , 2011 , 333, 850-6	33.3	891
93	The role of chemokine receptors in primary, effector, and memory immune responses. <i>Annual Review of Immunology</i> , 2000 , 18, 593-620	34.7	891
92	C-C chemokine receptor 6-regulated entry of TH-17 cells into the CNS through the choroid plexus is required for the initiation of EAE. <i>Nature Immunology</i> , 2009 , 10, 514-23	19.1	853
91	Production of interleukin 22 but not interleukin 17 by a subset of human skin-homing memory T cells. <i>Nature Immunology</i> , 2009 , 10, 857-63	19.1	821
90	Pathogen-induced human TH17 cells produce IFN- γ and IL-10 and are regulated by IL-1 β . <i>Nature</i> , 2012 , 484, 514-8	50.4	664
89	Dynamics of T lymphocyte responses: intermediates, effectors, and memory cells. <i>Science</i> , 2000 , 290, 92-7	33.3	650
88	L-Arginine Modulates T Cell Metabolism and Enhances Survival and Anti-tumor Activity. <i>Cell</i> , 2016 , 167, 829-842.e13	56.2	631
87	Mapping Neutralizing and Immunodominant Sites on the SARS-CoV-2 Spike Receptor-Binding Domain by Structure-Guided High-Resolution Serology. <i>Cell</i> , 2020 , 183, 1024-1042.e21	56.2	601
86	Distinct patterns and kinetics of chemokine production regulate dendritic cell function. <i>European Journal of Immunology</i> , 1999 , 29, 1617-25	6.1	549

85	Specificity, cross-reactivity, and function of antibodies elicited by Zika virus infection. <i>Science</i> , 2016 , 353, 823-6	33.3	528
84	The who's who of T-cell differentiation: human memory T-cell subsets. <i>European Journal of Immunology</i> , 2013 , 43, 2797-809	6.1	499
83	The human immune response to Dengue virus is dominated by highly cross-reactive antibodies endowed with neutralizing and enhancing activity. <i>Cell Host and Microbe</i> , 2010 , 8, 271-83	23.4	434
82	Progressive differentiation and selection of the fittest in the immune response. <i>Nature Reviews Immunology</i> , 2002 , 2, 982-7	36.5	405
81	T cell fitness determined by signal strength. <i>Nature Immunology</i> , 2003 , 4, 355-60	19.1	396
80	From vaccines to memory and back. <i>Immunity</i> , 2010 , 33, 451-63	32.3	390
79	Circulating SARS-CoV-2 spike N439K variants maintain fitness while evading antibody-mediated immunity. <i>Cell</i> , 2021 , 184, 1171-1187.e20	56.2	331
78	Memory and flexibility of cytokine gene expression as separable properties of human T(H)1 and T(H)2 lymphocytes. <i>Nature Immunology</i> , 2003 , 4, 78-86	19.1	296
77	IMMUNODEFICIENCIES. Impairment of immunity to <i>Candida</i> and <i>Mycobacterium</i> in humans with bi-allelic RORC mutations. <i>Science</i> , 2015 , 349, 606-613	33.3	291
76	Functionally distinct subsets of human FOXP3+ Treg cells that phenotypically mirror effector Th cells. <i>Blood</i> , 2012 , 119, 4430-40	2.2	281
75	Cholera toxin induces maturation of human dendritic cells and licenses them for Th2 priming. <i>European Journal of Immunology</i> , 2000 , 30, 2394-403	6.1	261
74	Heterogeneity of CD4+ memory T cells: functional modules for tailored immunity. <i>European Journal of Immunology</i> , 2009 , 39, 2076-82	6.1	258
73	Chemokines and leukocyte traffic. <i>Nature Immunology</i> , 2008 , 9, 949-52	19.1	243
72	T cell immunity. Functional heterogeneity of human memory CD4+ T cell clones primed by pathogens or vaccines. <i>Science</i> , 2015 , 347, 400-6	33.3	233
71	Chemokine receptor expression identifies Pre-T helper (Th)1, Pre-Th2, and nonpolarized cells among human CD4+ central memory T cells. <i>Journal of Experimental Medicine</i> , 2004 , 200, 725-35	16.6	231
70	Rapid development of broadly influenza neutralizing antibodies through redundant mutations. <i>Nature</i> , 2014 , 516, 418-22	50.4	219
69	Heterogeneity of Human CD4(+) T Cells Against Microbes. <i>Annual Review of Immunology</i> , 2016 , 34, 317-347	34.7	200
68	Induction of Potent Neutralizing Antibody Responses by a Designed Protein Nanoparticle Vaccine for Respiratory Syncytial Virus. <i>Cell</i> , 2019 , 176, 1420-1431.e17	56.2	190

67	Social network architecture of human immune cells unveiled by quantitative proteomics. <i>Nature Immunology</i> , 2017 , 18, 583-593	19.1	189
66	Human naive and memory CD4+ T cell repertoires specific for naturally processed antigens analyzed using libraries of amplified T cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1525-34	16.6	171
65	Narcolepsy - clinical spectrum, aetiopathophysiology, diagnosis and treatment. <i>Nature Reviews Neurology</i> , 2019 , 15, 519-539	15	169
64	Memory T cells in latent Mycobacterium tuberculosis infection are directed against three antigenic islands and largely contained in a CXCR3+CCR6+ Th1 subset. <i>PLoS Pathogens</i> , 2013 , 9, e1003130	7.6	169
63	T cells in patients with narcolepsy target self-antigens of hypocretin neurons. <i>Nature</i> , 2018 , 562, 63-68	50.4	161
62	Dendritic cells up-regulate immunoproteasomes and the proteasome regulator PA28 during maturation. <i>European Journal of Immunology</i> , 1999 , 29, 4037-42	6.1	156
61	T-cell trafficking in the central nervous system. <i>Immunological Reviews</i> , 2012 , 248, 216-27	11.3	126
60	Human Th17 subsets. <i>European Journal of Immunology</i> , 2012 , 42, 2215-20	6.1	120
59	IL-12 protects from psoriasisiform skin inflammation. <i>Nature Communications</i> , 2016 , 7, 13466	17.4	118
58	T cell priming by dendritic cells: thresholds for proliferation, differentiation and death and intraclonal functional diversification. <i>European Journal of Immunology</i> , 2002 , 32, 2046-54	6.1	106
57	A LAIR1 insertion generates broadly reactive antibodies against malaria variant antigens. <i>Nature</i> , 2016 , 529, 105-109	50.4	105
56	Chemoattractants and their receptors in homeostasis and inflammation. <i>Current Opinion in Immunology</i> , 2004 , 16, 724-31	7.8	93
55	Dissecting the human immunologic memory for pathogens. <i>Immunological Reviews</i> , 2011 , 240, 40-51	11.3	87
54	A Human Bi-specific Antibody against Zika Virus with High Therapeutic Potential. <i>Cell</i> , 2017 , 171, 229-241	16.15	85
53	Division of labor with a workforce of one: challenges in specifying effector and memory T cell fate. <i>Science</i> , 2007 , 317, 622-5	33.3	85
52	Human IFN- γ immunity to mycobacteria is governed by both IL-12 and IL-23. <i>Science Immunology</i> , 2018 , 3,	28	83
51	Broad betacoronavirus neutralization by a stem helix-specific human antibody. <i>Science</i> , 2021 , 373, 1109-1116	33.36	80
50	The Skin Commensal Yeast <i>Malassezia</i> Triggers a Type 17 Response that Coordinates Anti-fungal Immunity and Exacerbates Skin Inflammation. <i>Cell Host and Microbe</i> , 2019 , 25, 389-403.e6	23.4	76

49	PPAR α in dendritic cells and T cells drives pathogenic type-2 effector responses in lung inflammation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 3015-3035	16.6	75
48	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. <i>Nature Immunology</i> , 2018 , 19, 973-985	19.1	67
47	Public antibodies to malaria antigens generated by two LAIR1 insertion modalities. <i>Nature</i> , 2017 , 548, 597-601	50.4	66
46	Experimental priming of encephalitogenic Th1/Th17 cells requires pertussis toxin-driven IL-1 β production by myeloid cells. <i>Nature Communications</i> , 2016 , 7, 11541	17.4	62
45	Transcriptional signature of human pro-inflammatory T17 cells identifies reduced IL10 gene expression in multiple sclerosis. <i>Nature Communications</i> , 2017 , 8, 1600	17.4	62
44	Proteome-wide analysis of HIV-specific naive and memory CD4(+) T cells in unexposed blood donors. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1273-80	16.6	60
43	An immunoregulatory and tissue-residency program modulated by c-MAF in human T17 cells. <i>Nature Immunology</i> , 2018 , 19, 1126-1136	19.1	52
42	Immunological consequences of intragenus conservation of Mycobacterium tuberculosis T-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E147-55	11.5	51
41	CCR6 is expressed on an IL-10-producing, autoreactive memory T cell population with context-dependent regulatory function. <i>Journal of Experimental Medicine</i> , 2010 , 207, 565-77	16.6	50
40	The challenges of primary biliary cholangitis: What is new and what needs to be done. <i>Journal of Autoimmunity</i> , 2019 , 105, 102328	15.5	45
39	Antigen-Specific Th17 Cells Are Primed by Distinct and Complementary Dendritic Cell Subsets in Oropharyngeal Candidiasis. <i>PLoS Pathogens</i> , 2015 , 11, e1005164	7.6	43
38	Dynamics in protein translation sustaining T cell preparedness. <i>Nature Immunology</i> , 2020 , 21, 927-937	19.1	41
37	The immunology and immunopathology of COVID-19.. <i>Science</i> , 2022 , 375, 1122-1127	33.3	38
36	Human T-bet Governs Innate and Innate-like Adaptive IFN- γ Immunity against Mycobacteria. <i>Cell</i> , 2020 , 183, 1826-1847.e31	56.2	35
35	Macrophage Death following Influenza Vaccination Initiates the Inflammatory Response that Promotes Dendritic Cell Function in the Draining Lymph Node. <i>Cell Reports</i> , 2017 , 18, 2427-2440	10.6	33
34	Clonal analysis of immunodominance and cross-reactivity of the CD4 T cell response to SARS-CoV-2. <i>Science</i> , 2021 , 372, 1336-1341	33.3	33
33	Frequent occurrence of T β cell-mediated late reactions revealed by atopy patch testing with hypoallergenic rBet v 1 fragments. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 601-609.e8	11.5	32
32	Activin-A co-opts IRF4 and AhR signaling to induce human regulatory T cells that restrain asthmatic responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2891-E2900	11.5	30

31	A single T cell epitope drives the neutralizing anti-drug antibody response to natalizumab in multiple sclerosis patients. <i>Nature Medicine</i> , 2019 , 25, 1402-1407	50.5	30
30	Metabolic modulation of tumours with engineered bacteria for immunotherapy. <i>Nature</i> , 2021 , 598, 662-666	50.4	30
29	Do Memory CD4 T Cells Keep Their Cell-Type Programming: Plasticity versus Fate Commitment? T-Cell Heterogeneity, Plasticity, and Selection in Humans. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018 , 10,	10.2	29
28	Human CD4 T cell subsets differ in their abilities to cross endothelial and epithelial brain barriers in vitro. <i>Fluids and Barriers of the CNS</i> , 2020 , 17, 3	7	28
27	T-cell epitope conservation across allergen species is a major determinant of immunogenicity. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 571-578.e7	11.5	27
26	ERK phosphorylation and miR-181a expression modulate activation of human memory TH17 cells. <i>Nature Communications</i> , 2015 , 6, 6431	17.4	26
25	Influenza Vaccination Induces NK-Cell-Mediated Type-II IFN Response that Regulates Humoral Immunity in an IL-6-Dependent Manner. <i>Cell Reports</i> , 2019 , 26, 2307-2315.e5	10.6	22
24	OMIP-018: chemokine receptor expression on human T helper cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013 , 83, 530-2	4.6	22
23	CXCR3 Identifies Human Naive CD8 T Cells with Enhanced Effector Differentiation Potential. <i>Journal of Immunology</i> , 2019 , 203, 3179-3189	5.3	21
22	Role of B cells in T cell responses in a mouse model of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1395-1410	11.5	20
21	Epicutaneous allergen application preferentially boosts specific T cell responses in sensitized patients. <i>Scientific Reports</i> , 2017 , 7, 11657	4.9	16
20	Two subsets of memory T lymphocytes with distinct homing potentials and effector functions. <i>Nature</i> , 1999 , 402, 34-38	50.4	16
19	A human antibody that broadly neutralizes betacoronaviruses protects against SARS-CoV-2 by blocking the fusion machinery		13
18	Molecular Signatures of Immunity and Immunogenicity in Infection and Vaccination. <i>Frontiers in Immunology</i> , 2017 , 8, 1563	8.4	12
17	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. <i>European Journal of Immunology</i> , 2021 , 51, 2708-3145	6.1	12
16	Phenotype and specificity of T cells in primary human cytomegalovirus infection during pregnancy: IL-7Rpos long-term memory phenotype is associated with protection from vertical transmission. <i>PLoS ONE</i> , 2017 , 12, e0187731	3.7	12
15	Deciphering and predicting CD4+ T cell immunodominance of influenza virus hemagglutinin. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	11
14	Activin-A limits Th17 pathogenicity and autoimmune neuroinflammation via CD39 and CD73 ectonucleotidases and Hif1-dependent pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12269-12280	11.5	10

13	A flavonoid sulfate antigen activates human alphabeta CD8+ Th2 lymphocytes in pollen allergy. <i>European Journal of Immunology</i> , 2000 , 30, 964-8	6.1	9
12	High Th2 cytokine levels and upper airway inflammation in human inherited T-bet deficiency. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	7
11	Broadly reactive human CD4 T cells against Enterobacteriaceae are found in the naïve repertoire and are clonally expanded in the memory repertoire. <i>European Journal of Immunology</i> , 2021 , 51, 648-661	6.1	6
10	Structural basis of malaria RIFIN binding by LILRB1-containing antibodies. <i>Nature</i> , 2021 , 592, 639-643	50.4	5
9	The Swiss Primary Hypersomnolence and Narcolepsy Cohort study (SPHYNCS): Study protocol for a prospective, multicentre cohort observational study. <i>Journal of Sleep Research</i> , 2021 , 30, e13296	5.8	3
8	ACE2 engagement exposes the fusion peptide to pan-coronavirus neutralizing antibodies		3
7	Human T-bet governs innate and innate-like adaptive IFN- γ immunity against mycobacteria		2
6	Rapid and coordinated switch in chemokine receptor expression during dendritic cell maturation 1998 , 28, 2760		2
5	Distinct patterns and kinetics of chemokine production regulate dendritic cell function 1999 , 29, 1617		1
4	Narcolepsy: a model interaction between immune system, nervous system, and sleep-wake regulation.. <i>Seminars in Immunopathology</i> , 2022 , 1	12	0
3	Altered CXCR4 dynamics at the cell membrane impairs directed cell migration in WHIM syndrome patients.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2119483119	11.5	0
2	Host response: Mice and humans in the bubble. <i>Nature Microbiology</i> , 2016 , 1, 16105	26.6	
1	Assessment of the TCR Repertoire of Human Circulating T Follicular Helper Cells. <i>Methods in Molecular Biology</i> , 2022 , 2380, 149-163	1.4	