

Sophie Ugolini

List of Publications by Citations

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59
papers

10,787
citations

38
h-index

69
g-index

69
ext. papers

12,543
ext. citations

16.2
avg, IF

6.02
L-index

#	Paper	IF	Citations
59	Functions of natural killer cells. <i>Nature Immunology</i> , 2008 , 9, 503-10	19.1	2374
58	Innate or adaptive immunity? The example of natural killer cells. <i>Science</i> , 2011 , 331, 44-9	33.3	1786
57	Human NK cell education by inhibitory receptors for MHC class I. <i>Immunity</i> , 2006 , 25, 331-42	32.3	869
56	TLR3 deficiency in patients with herpes simplex encephalitis. <i>Science</i> , 2007 , 317, 1522-7	33.3	842
55	Targeting natural killer cells and natural killer T cells in cancer. <i>Nature Reviews Immunology</i> , 2012 , 12, 239-52	36.5	562
54	Recognition of peptide-MHC class I complexes by activating killer immunoglobulin-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13224-9	11.5	316
53	Human immunodeficiency virus type 1 attachment to HeLa CD4 cells is CD4 independent and gp120 dependent and requires cell surface heparans. <i>Journal of Virology</i> , 1998 , 72, 3623-34	6.6	242
52	Fate mapping analysis of lymphoid cells expressing the NKp46 cell surface receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18324-9	11.5	238
51	Anti-KIR antibody enhancement of anti-lymphoma activity of natural killer cells as monotherapy and in combination with anti-CD20 antibodies. <i>Blood</i> , 2014 , 123, 678-86	2.2	207
50	HIV-1 attachment: another look. <i>Trends in Microbiology</i> , 1999 , 7, 144-9	12.4	201
49	High-Dimensional Single-Cell Analysis Identifies Organ-Specific Signatures and Conserved NK Cell Subsets in Humans and Mice. <i>Immunity</i> , 2018 , 49, 971-986.e5	32.3	190
48	Natural cytotoxicity receptors and their ligands. <i>Immunology and Cell Biology</i> , 2014 , 92, 221-9	5	189
47	Complementarity and redundancy of IL-22-producing innate lymphoid cells. <i>Nature Immunology</i> , 2016 , 17, 179-86	19.1	162
46	Neutrophil depletion impairs natural killer cell maturation, function, and homeostasis. <i>Journal of Experimental Medicine</i> , 2012 , 209, 565-80	16.6	161
45	Tuning of natural killer cell reactivity by NKp46 and Helios calibrates T cell responses. <i>Science</i> , 2012 , 335, 344-8	33.3	159
44	Involvement of inhibitory NKRs in the survival of a subset of memory-phenotype CD8+ T cells. <i>Nature Immunology</i> , 2001 , 2, 430-5	19.1	134
43	Jinx, an MCMV susceptibility phenotype caused by disruption of Unc13d: a mouse model of type 3 familial hemophagocytic lymphohistiocytosis. <i>Journal of Experimental Medicine</i> , 2007 , 204, 853-63	16.6	129

42	Natural killer cell and macrophage cooperation in MyD88-dependent innate responses to <i>Plasmodium falciparum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14747-52	11.5	124
41	Inhibition of virus attachment to CD4+ target cells is a major mechanism of T cell line-adapted HIV-1 neutralization. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1287-98	16.6	108
40	Confinement of activating receptors at the plasma membrane controls natural killer cell tolerance. <i>Science Signaling</i> , 2011 , 4, ra21	8.8	104
39	Induction of B7-H6, a ligand for the natural killer cell-activating receptor NKp30, in inflammatory conditions. <i>Blood</i> , 2013 , 122, 394-404	2.2	100
38	Endogenous glucocorticoids control host resistance to viral infection through the tissue-specific regulation of PD-1 expression on NK cells. <i>Nature Immunology</i> , 2018 , 19, 954-962	19.1	90
37	SHP-1-mediated inhibitory signals promote responsiveness and anti-tumour functions of natural killer cells. <i>Nature Communications</i> , 2014 , 5, 5108	17.4	88
36	Coordinated expression of Ig-like inhibitory MHC class I receptors and acquisition of cytotoxic function in human CD8+ T cells. <i>Journal of Immunology</i> , 2004 , 173, 7223-9	5.3	86
35	CD4+ T cell polarization in mice is modulated by strain-specific major histocompatibility complex-independent differences within dendritic cells. <i>Journal of Experimental Medicine</i> , 2003 , 198, 201-9	16.6	83
34	Immunological memory within the innate immune system. <i>EMBO Journal</i> , 2014 , 33, 1295-303	13	82
33	Complement factor P is a ligand for the natural killer cell-activating receptor NKp46. <i>Science Immunology</i> , 2017 , 2,	28	74
32	Interactions among HIV gp120, CD4, and CXCR4: dependence on CD4 expression level, gp120 viral origin, conservation of the gp120 COOH- and NH2-termini and V1/V2 and V3 loops, and sensitivity to neutralizing antibodies. <i>Virology</i> , 1998 , 248, 394-405	3.6	70
31	Tuning the threshold of natural killer cell responses. <i>Current Opinion in Immunology</i> , 2013 , 25, 53-8	7.8	63
30	Regulation of T cell function by NK cell receptors for classical MHC class I molecules. <i>Current Opinion in Immunology</i> , 2000 , 12, 295-300	7.8	63
29	Biology of T memory type 1 cells. <i>Immunological Reviews</i> , 2001 , 181, 269-78	11.3	61
28	Natural Killer Cells Degenerate Intact Sensory Afferents following Nerve Injury. <i>Cell</i> , 2019 , 176, 716-728.e18	5.1	58
27	T cell regulation of natural killer cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1065-8	16.6	55
26	Genetic and antibody-mediated reprogramming of natural killer cell missing-self recognition in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12879-84	11.5	55
25	Regulatory natural killer cells: new players in the IL-10 anti-inflammatory response. <i>Cell Host and Microbe</i> , 2009 , 6, 493-5	23.4	47

24	Cell cycle progression dictates the requirement for BCL2 in natural killer cell survival. <i>Journal of Experimental Medicine</i> , 2017 , 214, 491-510	16.6	40
23	Dissection of the role of PfEMP1 and ICAM-1 in the sensing of Plasmodium-falciparum-infected erythrocytes by natural killer cells. <i>PLoS ONE</i> , 2007 , 2, e228	3.7	40
22	Natural killer cells: from basic research to treatments. <i>Frontiers in Immunology</i> , 2011 , 2, 18	8.4	37
21	New insights into the cell- and tissue-specificity of glucocorticoid actions. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 269-278	15.4	35
20	Host resistance to endotoxic shock requires the neuroendocrine regulation of group 1 innate lymphoid cells. <i>Journal of Experimental Medicine</i> , 2017 , 214, 3531-3541	16.6	34
19	Natural killer cells and malaria. <i>Immunological Reviews</i> , 2006 , 214, 251-63	11.3	34
18	Antibody neutralization of HIV-1 and the potential for vaccine design. <i>Immunology Letters</i> , 1999 , 66, 143-91	4.1	31
17	Genetic Depletion or Hyperresponsiveness of Natural Killer Cells Do Not Affect Atherosclerosis Development. <i>Circulation Research</i> , 2018 , 122, 47-57	15.7	29
16	α -adrenergic signals downregulate the innate immune response and reduce host resistance to viral infection. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	29
15	Glucocorticoids and the cytokines IL-12, IL-15, and IL-18 present in the tumor microenvironment induce PD-1 expression on human natural killer cells. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 349-360	11.5	28
14	Neuroendocrine regulation of innate lymphoid cells. <i>Immunological Reviews</i> , 2018 , 286, 120-136	11.3	28
13	SnapShot: Natural Killer Cells. <i>Cell</i> , 2020 , 180, 1280-1280.e1	56.2	26
12	Expansion and function of CD8 ⁺ T cells expressing Ly49 inhibitory receptors specific for MHC class I molecules. <i>Journal of Immunology</i> , 2004 , 173, 3773-82	5.3	26
11	Manufacturing Natural Killer Cells as Medicinal Products. <i>Frontiers in Immunology</i> , 2016 , 7, 504	8.4	25
10	Impact of α integrin deficiency on mouse natural killer cell development and function. <i>Blood</i> , 2011 , 117, 2874-82	2.2	21
9	Sensory neuron-derived TIFA4 promotes macrophage tissue repair functions. <i>Nature</i> , 2021 , 594, 94-99	50.4	19
8	Nociceptive sensory neurons promote CD8 T cell responses to HSV-1 infection. <i>Nature Communications</i> , 2021 , 12, 2936	17.4	7
7	A point mutation in the signal peptide impairs the development of innate lymphoid cell subsets. <i>Oncot Immunology</i> , 2018 , 7, e1475875	7.2	7

6	Inflammation-Induced Lactate Leads to Rapid Loss of Hepatic Tissue-Resident NK Cells. <i>Cell Reports</i> , 2020 , 32, 107855	10.6	6
5	Disarming the Killers: Brain Strikes on NK Cells. <i>Immunity</i> , 2017 , 46, 340-342	32.3	2
4	TAF4A relieves injury-induced mechanical hypersensitivity through LDL receptors and modulation of spinal A-type K current. <i>Cell Reports</i> , 2021 , 37, 109884	10.6	1
3	Phase I Trial of Prophylactic Donor-Derived IL-2-Activated NK Cell Infusion after Allogeneic Hematopoietic Stem Cell Transplantation from a Matched Sibling Donor. <i>Cancers</i> , 2021 , 13,	6.6	1
2	Neuroimmune crosstalk in the skin: a delicate balance governing inflammatory processes. <i>Current Opinion in Immunology</i> , 2022 , 77, 102212	7.8	0
1	Protocol for Determining the Effect of Neuroendocrine Hormones on Murine ILC Function. <i>Methods in Molecular Biology</i> , 2020 , 2121, 83-92	1.4	