

# Nico Ghilardi

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

13,053  
citations

44066

48  
h-index

106340

65  
g-index

67  
all docs

67  
docs citations

67  
times ranked

15862  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-22 mediates early host defense against attaching and effacing bacterial pathogens. <i>Nature Medicine</i> , 2008, 14, 282-289.	30.7	1,670
2	Interleukin-23 Promotes a Distinct CD4 T Cell Activation State Characterized by the Production of Interleukin-17. <i>Journal of Biological Chemistry</i> , 2003, 278, 1910-1914.	3.4	1,595
3	Interleukin 27 limits autoimmune encephalomyelitis by suppressing the development of interleukin 17-producing T cells. <i>Nature Immunology</i> , 2006, 7, 929-936.	14.5	763
4	Defective STAT signaling by the leptin receptor in diabetic mice.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 6231-6235.	7.1	728
5	Leptin Receptor Immunoreactivity in Chemically Defined Target Neurons of the Hypothalamus. <i>Journal of Neuroscience</i> , 1998, 18, 559-572.	3.6	694
6	Divergent roles of IL-23 and IL-12 in host defense against <i>Klebsiella pneumoniae</i> . <i>Journal of Experimental Medicine</i> , 2005, 202, 761-769.	8.5	549
7	CRlg: A Macrophage Complement Receptor Required for Phagocytosis of Circulating Pathogens. <i>Cell</i> , 2006, 124, 915-927.	28.9	526
8	IL-23 Compensates for the Absence of IL-12p70 and Is Essential for the IL-17 Response during Tuberculosis but Is Dispensable for Protection and Antigen-Specific IFN- $\gamma$ Responses if IL-12p70 Is Available. <i>Journal of Immunology</i> , 2005, 175, 788-795.	0.8	422
9	IL-27 regulates IL-12 responsiveness of naive CD4+ T cells through Stat1-dependent and -independent mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15047-15052.	7.1	416
10	Development of Th1-type immune responses requires the type I cytokine receptor TCCR. <i>Nature</i> , 2000, 407, 916-920.	27.8	352
11	A mouse knockout library for secreted and transmembrane proteins. <i>Nature Biotechnology</i> , 2010, 28, 749-755.	17.5	316
12	The Leptin Receptor Activates Janus Kinase 2 and Signals for Proliferation in a Factor-Dependent Cell Line. <i>Molecular Endocrinology</i> , 1997, 11, 393-399.	3.7	282
13	Interleukin 12p40 is required for dendritic cell migration and T cell priming after <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Experimental Medicine</i> , 2006, 203, 1805-1815.	8.5	276
14	Interleukin (IL)-23 mediates <i>Toxoplasma gondii</i> -induced immunopathology in the gut via matrix metalloproteinase-2 and IL-22 but independent of IL-17. <i>Journal of Experimental Medicine</i> , 2009, 206, 3047-3059.	8.5	262
15	Oral-resident natural Th17 cells and $\gamma\delta$ T cells control opportunistic <i>Candida albicans</i> infections. <i>Journal of Experimental Medicine</i> , 2014, 211, 2075-2084.	8.5	217
16	The role of IL-22 in intestinal health and disease. <i>Journal of Experimental Medicine</i> , 2020, 217, e20192195.	8.5	217
17	Cutting Edge: IL-27 Is a Potent Inducer of IL-10 but Not FoxP3 in Murine T Cells. <i>Journal of Immunology</i> , 2008, 180, 2752-2756.	0.8	197
18	IL-27 supports germinal center function by enhancing IL-21 production and the function of T follicular helper cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 2895-2906.	8.5	185

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19	Compromised Humoral and Delayed-Type Hypersensitivity Responses in IL-23-Deficient Mice. <i>Journal of Immunology</i> , 2004, 172, 2827-2833.	0.8	182
20	Discovery of GDC-0853: A Potent, Selective, and Noncovalent Bruton's Tyrosine Kinase Inhibitor in Early Clinical Development. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2227-2245.	6.4	177
21	Type I IFN Induces IL-10 Production in an IL-27-Independent Manner and Blocks Responsiveness to IFN- $\beta$ for Production of IL-12 and Bacterial Killing in <i>Mycobacterium tuberculosis</i> -Infected Macrophages. <i>Journal of Immunology</i> , 2014, 193, 3600-3612.	0.8	169
22	Hedgehog Signaling Is Dispensable for Adult Murine Hematopoietic Stem Cell Function and Hematopoiesis. <i>Cell Stem Cell</i> , 2009, 4, 559-567.	11.1	157
23	Intestinal lamina propria dendritic cells maintain T cell homeostasis but do not affect commensalism. <i>Journal of Experimental Medicine</i> , 2013, 210, 2011-2024.	8.5	144
24	IL-27 Signaling Compromises Control of Bacterial Growth in <i>Mycobacteria</i> -Infected Mice. <i>Journal of Immunology</i> , 2004, 173, 7490-7496.	0.8	129
25	Hereditary thrombocythaemia in a Japanese family is caused by a novel point mutation in the thrombopoietin gene. <i>British Journal of Haematology</i> , 1999, 107, 310-316.	2.5	128
26	IL-27 promotes T cell-dependent colitis through multiple mechanisms. <i>Journal of Experimental Medicine</i> , 2011, 208, 115-123.	8.5	121
27	The biology and therapeutic potential of interleukin 27. <i>Journal of Molecular Medicine</i> , 2007, 85, 661-672.	3.9	119
28	NF- $\kappa$ B inducing kinase is a therapeutic target for systemic lupus erythematosus. <i>Nature Communications</i> , 2018, 9, 179.	12.8	98
29	A Restricted Role for TYK2 Catalytic Activity in Human Cytokine Responses Revealed by Novel TYK2-Selective Inhibitors. <i>Journal of Immunology</i> , 2013, 191, 2205-2216.	0.8	97
30	IL-23 Is Required for Protection against Systemic Infection with <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2009, 183, 8026-8034.	0.8	96
31	Opposing consequences of IL-23 signaling mediated by innate and adaptive cells in chemically induced colitis in mice. <i>Mucosal Immunology</i> , 2012, 5, 99-109.	6.0	96
32	Functional Studies on the IBD Susceptibility Gene IL23R Implicate Reduced Receptor Function in the Protective Genetic Variant R381Q. <i>PLoS ONE</i> , 2011, 6, e25038.	2.5	93
33	Identification of Imidazo-Pyrrolopyridines as Novel and Potent JAK1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5901-5921.	6.4	85
34	Homeostatic IL-23 receptor signaling limits Th17 response through IL-22-mediated containment of commensal microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13942-13947.	7.1	85
35	T Cell-Derived IL-10 Impairs Host Resistance to <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Immunology</i> , 2017, 199, 613-623.	0.8	83
36	Lead identification of novel and selective TYK2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 175-187.	5.5	80

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37	A Single-Base Deletion in the Thrombopoietin (TPO) Gene Causes Familial Essential Thrombocythemia Through a Mechanism of More Efficient Translation of TPO mRNA. <i>Blood</i> , 1999, 94, 1480-1482.	1.4	75
38	IL-31 $\hat{c}$ IL-31R interactions negatively regulate type 2 inflammation in the lung. <i>Journal of Experimental Medicine</i> , 2007, 204, 481-487.	8.5	75
39	Targeting the development and effector functions of TH17 cells. <i>Seminars in Immunology</i> , 2007, 19, 383-393.	5.6	73
40	Lead Optimization of a 4-Aminopyridine Benzamide Scaffold To Identify Potent, Selective, and Orally Bioavailable TYK2 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4521-4536.	6.4	72
41	Thrombopoietin Production Is Inhibited by a Translational Mechanism. <i>Blood</i> , 1998, 92, 4023-4030.	1.4	68
42	A Novel Type I Cytokine Receptor Is Expressed on Monocytes, Signals Proliferation, and Activates STAT-3 and STAT-5. <i>Journal of Biological Chemistry</i> , 2002, 277, 16831-16836.	3.4	66
43	Interleukin 27R regulates CD4+ T cell phenotype and impacts protective immunity during <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 1449-1463.	8.5	66
44	Permissive role of thrombopoietin and granulocyte colony-stimulating factor receptors in hematopoietic cell fate decisions in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 698-702.	7.1	62
45	The Adaptor CARD9 Is Required for Adaptive but Not Innate Immunity to Oral Mucosal <i>Candida albicans</i> Infections. <i>Infection and Immunity</i> , 2014, 82, 1173-1180.	2.2	57
46	TGF $\hat{c}$ 2 and TGF $\hat{c}$ 3 isoforms drive fibrotic disease pathogenesis. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	56
47	Identification of <i>C</i> -2 Hydroxyethyl Imidazopyrrolopyridines as Potent JAK1 Inhibitors with Favorable Physicochemical Properties and High Selectivity over JAK2. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4764-4785.	6.4	55
48	Negative regulation of autoimmune demyelination by the inhibitory receptor CLM-1. <i>Journal of Experimental Medicine</i> , 2010, 207, 7-16.	8.5	51
49	Discovery and Optimization of <i>C</i> -2 Methyl Imidazopyrrolopyridines as Potent and Orally Bioavailable JAK1 Inhibitors with Selectivity over JAK2. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6176-6193.	6.4	50
50	Hereditary thrombocythaemia is a genetically heterogeneous disorder: exclusion of TPO and MPL in two families with hereditary thrombocythaemia. <i>British Journal of Haematology</i> , 2000, 110, 104-109.	2.5	42
51	Blockade of interleukin-27 signaling reduces GVHD in mice by augmenting Treg reconstitution and stabilizing Foxp3 expression. <i>Blood</i> , 2016, 128, 2068-2082.	1.4	38
52	Scaffold-Hopping Approach To Discover Potent, Selective, and Efficacious Inhibitors of NF- $\hat{c}$ B Inducing Kinase. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6801-6813.	6.4	38
53	2-Amino-[1,2,4]triazolo[1,5-a]pyridines as JAK2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5014-5021.	2.2	35
54	Inhibition of the kinase ITK in a mouse model of asthma reduces cell death and fails to inhibit the inflammatory response. <i>Science Signaling</i> , 2015, 8, ra122.	3.6	35

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55	Nonselective inhibition of the epigenetic transcriptional regulator BET induces marked lymphoid and hematopoietic toxicity in mice. <i>Toxicology and Applied Pharmacology</i> , 2016, 300, 47-54.	2.8	35
56	IL-27 Directly Enhances Germinal Center B Cell Activity and Potentiates Lupus in <i>Sanroque</i> Mice. <i>Journal of Immunology</i> , 2016, 197, 3008-3017.	0.8	27
57	Regulation of myeloid progenitor cell proliferation/survival by IL-31 receptor and IL-31. <i>Experimental Hematology</i> , 2007, 35, 78-86.	0.4	24
58	Lung-restricted inhibition of Janus kinase 1 is effective in rodent models of asthma. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	24
59	Discovery of a class of highly potent Janus Kinase 1/2 (JAK1/2) inhibitors demonstrating effective cell-based blockade of IL-13 signaling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1522-1531.	2.2	23
60	The kinase IRAK4 promotes endosomal TLR and immune complex signaling in B cells and plasmacytoid dendritic cells. <i>Science Signaling</i> , 2020, 13, .	3.6	22
61	Structure-based discovery of C-2 substituted imidazo-pyrrolopyridine JAK1 inhibitors with improved selectivity over JAK2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7627-7633.	2.2	20
62	Novel triazolo-pyrrolopyridines as inhibitors of Janus kinase 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3592-3598.	2.2	17
63	The peptide symporter SLC15a4 is essential for the development of systemic lupus erythematosus in murine models. <i>PLoS ONE</i> , 2021, 16, e0244439.	2.5	17
64	Identification of an imidazopyridine scaffold to generate potent and selective TYK2 inhibitors that demonstrate activity in an in vivo psoriasis model. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4370-4376.	2.2	13
65	30 Years of Biotherapeutics Development—What Have We Learned?. <i>Annual Review of Immunology</i> , 2020, 38, 249-287.	21.8	11
66	Bystanders Not So Innocent after All. <i>Immunity</i> , 2012, 36, 901-903.	14.3	0
67	Hereditary Thrombocythemia. , 2004, , 99-105.		0