Massimo Gadina

List of Publications by Year
in descending order

106	18,520	29994 54	25716 108
papers	citations	h-index	g-index

115	115	115	21270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Germline Mutations in the Extracellular Domains of the 55 kDa TNF Receptor, TNFR1, Define a Family of Dominantly Inherited Autoinflammatory Syndromes. Cell, 1999, 97, 133-144.	13.5	1,271
2	Activated STING in a Vascular and Pulmonary Syndrome. New England Journal of Medicine, 2014, 371, 507-518.	13.9	1,074
3	The JAK-STAT Pathway: Impact on Human Disease and Therapeutic Intervention. Annual Review of Medicine, 2015, 66, 311-328.	5.0	1,074
4	Cytokine Signaling in 2002. Cell, 2002, 109, S121-S131.	13.5	978
5	An Autoinflammatory Disease with Deficiency of the Interleukin-1â€“Receptor Antagonist. New England Journal of Medicine, 2009, 360, 2426-2437.	13.9	892
6	JAK inhibition as a therapeutic strategy for immune and inflammatory diseases. Nature Reviews Drug Discovery, 2017, 16, 843-862.	21.5	759
7	JAKâ€“STAT Signaling as a Target for Inflammatory and Autoimmune Diseases: Current and Future Prospects. Drugs, 2017, 77, 521-546.	4.9	711
8	Early-Onset Stroke and Vasculopathy Associated with Mutations in ADA2. New England Journal of Medicine, 2014, 370, 911-920.	13.9	687
9	Genome-wide association study identifies variants in the MHC class I, IL10, and IL23R-IL12RB2 regions associated with BehÃ§et's disease. Nature Genetics, 2010, 42, 698-702.	9.4	595
10	Somatic Mutations in UBA1 and Severe Adult-Onset Autoinflammatory Disease. New England Journal of Medicine, 2020, 383, 2628-2638.	13.9	580
11	Modulation of Innate and Adaptive Immune Responses by Tofacitinib (CP-690,550). Journal of Immunology, 2011, 186, 4234-4243.	0.4	569
12	Loss-of-function mutations in TNFAIP3 leading to A20 haploinsufficiency cause an early-onset autoinflammatory disease. Nature Genetics, 2016, 48, 67-73.	9.4	513
13	Type I/II cytokines, JAKs, and new strategies for treating autoimmune diseases. Nature Reviews Rheumatology, 2016, 12, 25-36.	3.5	468
14	Critical Role for STAT4 Activation by Type 1 Interferons in the Interferon-gamma Response to Viral Infection. Science, 2002, 297, 2063-2066.	6.0	443
15	Fyn kinase initiates complementary signals required for IgE-dependent mast cell degranulation. Nature Immunology, 2002, 3, 741-748.	7.0	422
16	JAK1/2 inhibition with baricitinib in the treatment of autoinflammatory interferonopathies. Journal of Clinical Investigation, 2018, 128, 3041-3052.	3.9	387
17	Cytokines and transcription factors that regulate T helper cell differentiation: new players and new insights. Journal of Clinical Immunology, 2003, 23, 147-161.	2.0	324
18	Super-enhancers delineate disease-associated regulatory nodes in T cells. Nature, 2015, 520, 558-562.	13.7	323

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19	Type 2 immunity in the skin and lungs. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1582-1605.	2.7	304
20	Additive loss-of-function proteasome subunit mutations in CANDLE/PRAAS patients promote type I IFN production. Journal of Clinical Investigation, 2015, 125, 4196-4211.	3.9	258
21	Inhibition of Th1 Immune Response by Glucocorticoids: Dexamethasone Selectively Inhibits IL-12-Induced Stat4 Phosphorylation in T Lymphocytes. Journal of Immunology, 2000, 164, 1768-1774.	0.4	228
22	Biallelic hypomorphic mutations in a linear deubiquitinase define otulipenia, an early-onset autoinflammatory disease. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10127-10132.	3.3	206
23	Mutations that prevent caspase cleavage of RIPK1 cause autoinflammatory disease. Nature, 2020, 577, 103-108.	13.7	198
24	Signaling by Type I and II cytokine receptors: ten years after. Current Opinion in Immunology, 2001, 13, 363-373.	2.4	192
25	STAT4 serine phosphorylation is critical for IL-12-induced IFN-Â production but not for cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12281-12286.	3.3	192
26	Tofacitinib Ameliorates Murine Lupus and Its Associated Vascular Dysfunction. Arthritis and Rheumatology, 2017, 69, 148-160.	2.9	183
27	Inducible Expression of Stat4 in Dendritic Cells and Macrophages and Its Critical Role in Innate and Adaptive Immune Responses. Journal of Immunology, 2001, 166, 4446-4455.	0.4	172
28	Respiratory Syncytial Virus NS1 Protein Degrades STAT2 by Using the Elongin-Cullin E3 Ligase. Journal of Virology, 2007, 81, 3428-3436.	1.5	153
29	IL-12 Receptor Î²2 (IL-12RÎ²2)-Deficient Mice Are Defective in IL-12-Mediated Signaling Despite the Presence of High Affinity IL-12 Binding Sites. Journal of Immunology, 2000, 165, 6221-6228.	0.4	147
30	Mammary tumors in mice conditionally mutant for Brca1 exhibit gross genomic instability and centrosome amplification yet display a recurring distribution of genomic imbalances that is similar to human breast cancer. Oncogene, 2002, 21, 5097-5107.	2.6	140
31	Dense genotyping of immune-related loci implicates host responses to microbial exposure in BehÃ§et's disease susceptibility. Nature Genetics, 2017, 49, 438-443.	9.4	129
32	Unexpected Effects of FERM Domain Mutations on Catalytic Activity of Jak3. Molecular Cell, 2001, 8, 959-969.	4.5	127
33	Somatic Mutations in UBA1 Define a Distinct Subset of Relapsing Polychondritis Patients With VEXAS. Arthritis and Rheumatology, 2021, 73, 1886-1895.	2.9	125
34	Translational and clinical advances in JAK-STAT biology: The present and future of jakinibs. Journal of Leukocyte Biology, 2018, 104, 499-514.	1.5	122
35	Development of a Validated Interferon Score Using NanoString Technology. Journal of Interferon and Cytokine Research, 2018, 38, 171-185.	0.5	120
36	Whole Chromosome Instability induces senescence and promotes SASP. Scientific Reports, 2016, 6, 35218.	1.6	117

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37	Janus kinases to jakinibs: from basic insights to clinical practice. Rheumatology, 2019, 58, i4-i16.	0.9	111
38	Jakpot! New small molecules in autoimmune and inflammatory diseases. Experimental Dermatology, 2014, 23, 7-11.	1.4	105
39	A novel mutation of IL1RN in the deficiency of interleukin-1 receptor antagonist syndrome: Description of two unrelated cases from Brazil. Arthritis and Rheumatism, 2011, 63, 4007-4017.	6.7	96
40	HiJAKing SARS-CoV-2? The potential role of JAK inhibitors in the management of COVID-19. Science Immunology, 2020, 5, .	5.6	94
41	Pharmacokinetics, Pharmacodynamics, and Proposed Dosing of the Oral JAK1 and JAK2 Inhibitor Baricitinib in Pediatric and Young Adult CANDLE and SAVI Patients. Clinical Pharmacology and Therapeutics, 2018, 104, 364-373.	2.3	93
42	Phase 1 double-blind randomized safety trial of the Janus kinase inhibitor tofacitinib in systemic lupus erythematosus. Nature Communications, 2021, 12, 3391.	5.8	93
43	Gi-Protein-Dependent Inhibition of IL-12 Production Is Mediated by Activation of the Phosphatidylinositol 3-Kinase-Protein 3 Kinase B/Akt Pathway and JNK. Journal of Immunology, 2005, 175, 2994-2999.	0.4	89
44	A Study of the Intracellular Routing of Cytotoxic Ribonucleases. Journal of Biological Chemistry, 1995, 270, 17476-17481.	1.6	86
45	The Arrival of JAK Inhibitors: Advancing the Treatment of Immune and Hematologic Disorders. BioDrugs, 2013, 27, 431-438.	2.2	84
46	Cytokines and their role in lymphoid development, differentiation and homeostasis. Current Opinion in Allergy and Clinical Immunology, 2002, 2, 495-506.	1.1	81
47	The Docking Molecule Gab2 Is Induced by Lymphocyte Activation and Is Involved in Signaling by Interleukin-2 and Interleukin-15 but Not Other Common Î³ Chain-using Cytokines. Journal of Biological Chemistry, 2000, 275, 26959-26966.	1.6	75
48	USP17 Regulates Ras Activation and Cell Proliferation by Blocking RCE1 Activity. Journal of Biological Chemistry, 2009, 284, 9587-9595.	1.6	72
49	Small molecules to the rescue: Inhibition of cytokine signaling in immune-mediated diseases. Journal of Autoimmunity, 2017, 85, 20-31.	3.0	67
50	Selective Janus kinase inhibitors come of age. Nature Reviews Rheumatology, 2019, 15, 74-75.	3.5	64
51	Cytokine regulation of IL-12 receptor Î²2 expression: differential effects on human T and NK cells. European Journal of Immunology, 2000, 30, 1364-1374.	1.6	63
52	Reversal of CD8 T-Cellâ€“Mediated Mucocutaneous Graft-Versus-Host-Like Disease by the JAK Inhibitor Tofacitinib. Journal of Investigative Dermatology, 2014, 134, 992-1000.	0.3	61
53	JAK-STAT signaling in human disease: From genetic syndromes to clinical inhibition. Journal of Allergy and Clinical Immunology, 2021, 148, 911-925.	1.5	57
54	Second Case of HOIP Deficiency Expands Clinical Features and Defines Inflammatory Transcriptome Regulated by LUBAC. Frontiers in Immunology, 2019, 10, 479.	2.2	54

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55	Kinase inhibitors in the treatment of immune-mediated disease. F1000 Medicine Reports, 2012, 4, 5.	2.9	53
56	SnapShot: Jak-STAT Signaling II. Cell, 2020, 181, 1696-1696.e1.	13.5	53
57	Janus kinase (JAK) inhibition with baricitinib in refractory juvenile dermatomyositis. Annals of the Rheumatic Diseases, 2021, 80, 406-408.	0.5	53
58	Diffferential sensitivity of in vivo TNF and IL-6 production to modulation by anti-inflammatory drugs in mice. International Journal of Immunopharmacology, 1992, 14, 1045-1050.	1.1	51
59	<scp>JAK</scp>/<scp>STAT</scp> signaling in regulation of innate lymphoid cells: The gods before the guardians. Immunological Reviews, 2018, 286, 148-159.	2.8	51
60	Cerebrospinal Fluid Cytokines Correlate With Aseptic Meningitis and Bloodâ€“Brain Barrier Function in Neonatalâ€Onset Multisystem Inflammatory Disease: Central Nervous System Biomarkers in Neonatalâ€Onset Multisystem Inflammatory Disease Correlate With Central Nervous System Inflammation. Arthritis and Rheumatology, 2017, 69, 1325-1336.	2.9	50
61	Aberrant tRNA processing causes an autoinflammatory syndrome responsive to TNF inhibitors. Annals of the Rheumatic Diseases, 2018, 77, 612-619.	0.5	49
62	JAK inhibitors: Ten years after. European Journal of Immunology, 2021, 51, 1615-1627.	1.6	49
63	Targeting cytokine signaling in autoimmunity: back to the future and beyond. Current Opinion in Immunology, 2016, 43, 89-97.	2.4	47
64	Translating JAKs to Jakinibs. Journal of Immunology, 2020, 204, 2011-2020.	0.4	46
65	Viral FLIP Impairs Survival of Activated T Cells and Generation of CD8+ T Cell Memory. Journal of Immunology, 2004, 172, 6313-6323.	0.4	45
66	Cytokine Signaling: Birth of a Pathway. Journal of Immunology, 2011, 187, 5475-5478.	0.4	44
67	Cytokines and Cytokine Receptors. , 2019, , 127-155.e1.		44
68	A Decade of JAK Inhibitors: What Have We Learned and What May Be the Future?. Arthritis and Rheumatology, 2021, 73, 2166-2178.	2.9	43
69	CXCL12 Signaling Is Independent of Jak2 and Jak3. Journal of Biological Chemistry, 2005, 280, 17408-17414.	1.6	40
70	Cybr, a cytokine-inducible protein that binds cytohesin-1 and regulates its activity. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2625-2629.	3.3	39
71	Expression of interferon-regulated genes in juvenile dermatomyositis versus Mendelian autoinflammatory interferonopathies. Arthritis Research and Therapy, 2020, 22, 69.	1.6	39
72	Editorial: Decernotinib: A Nextâ€Generation Jakinib. Arthritis and Rheumatology, 2016, 68, 31-34.	2.9	38

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73	Brief Report: Deficiency of Complement 1r Subcomponent in Earlyâ€Onset Systemic Lupus Erythematosus: The Role of Diseaseâ€Modifying Alleles in a Monogenic Disease. Arthritis and Rheumatology, 2017, 69, 1832-1839.	2.9	38
74	Hierarchy of Protein Tyrosine Kinases in Interleukin-2 (IL-2) Signaling: Activation of Syk Depends on Jak3; However, Neither Syk nor Lck Is Required for IL-2-Mediated STAT Activation. Molecular and Cellular Biology, 2000, 20, 4371-4380.	1.1	35
75	ROLE OF CYTOKINES IN CANCER CACHEXIA IN A MURINE MODEL OF INTRACEREBRAL INJECTION OF HUMAN TUMOURS. Cytokine, 2001, 15, 27-38.	1.4	32
76	Pleiotropic consequences of metabolic stress for the major histocompatibility complex class II molecule antigen processing and presentation machinery. Immunity, 2021, 54, 721-736.e10.	6.6	30
77	3-hydroxy-L-kynurenamine is an immunomodulatory biogenic amine. Nature Communications, 2021, 12, 4447.	5.8	30
78	Janus Kinases: An Ideal Target for the Treatment of Autoimmune Diseases. Journal of Investigative Dermatology Symposium Proceedings, 2013, 16, S70-S72.	0.8	29
79	JAK1: Number one in the family; number one in inflammation?. Rheumatology, 2021, 60, ii3-ii10.	0.9	28
80	Granzyme A and CD160 expression delineates ILC1 with graded functions in the mouse liver. European Journal of Immunology, 2021, 51, 2568-2575.	1.6	28
81	EAACI Biologicals Guidelinesâ€"dupilumab for children and adults with moderateâ€toâ€severe atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 988-1009.	2.7	24
82	Cytohesin Binder and Regulator (Cybr) Is Not Essential for T- and Dendritic-Cell Activation and Differentiation. Molecular and Cellular Biology, 2006, 26, 6623-6632.	1.1	18
83	Generation and differentiation of induced pluripotent stem cells reveal ankylosing spondylitis risk gene expression in bone progenitors. Clinical Rheumatology, 2017, 36, 143-154.	1.0	17
84	Tofacitinib enhances delivery of antibody-based therapeutics to tumor cells through modulation of inflammatory cells. JCI Insight, 2019, 4, .	2.3	17
85	Jakinibs of All Trades: Inhibiting Cytokine Signaling in Immune-Mediated Pathologies. Pharmaceuticals, 2022, 15, 48.	1.7	16
86	Preclinical evaluation of the ribosome-inactivating proteins PAP-1, PAP-S and RTA in mice. International Journal of Immunopharmacology, 1995, 17, 829-839.	1.1	15
87	Advances in kinase inhibition. Current Opinion in Rheumatology, 2014, 26, 237-243.	2.0	15
88	HiJAKing Innate Lymphoid Cells?. Frontiers in Immunology, 2017, 8, 438.	2.2	14
89	Germline gain-of-function myeloid differentiation primary response geneâ€"88 (MYD88) mutation in a child with severe arthritis. Journal of Allergy and Clinical Immunology, 2018, 141, 1943-1947.e9.	1.5	14
90	New interleukins: are there any more?. Current Opinion in Infectious Diseases, 2003, 16, 211-217.	1.3	13

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91	Cytohesin Binder and Regulator Augments T Cell Receptor-induced Nuclear Factor of Activated T CellsÂ·AP-1 Activation through Regulation of the JNK Pathway. Journal of Biological Chemistry, 2006, 281, 19985-19994.	1.6	13
92	Affecting the effectors: JAK inhibitors modulation of immune cell numbers and functions in patients with rheumatoid arthritis. Expert Review of Clinical Immunology, 2022, 18, 309-319.	1.3	12
93	Tofacitinib inhibits the development of experimental autoimmune uveitis and reduces the proportions of Th1 but not of Th17 cells. Molecular Vision, 2020, 26, 641-651.	1.1	10
94	Ubiquitination for activation: new directions in the NF-kappaB roadmap. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2004, 4, 144-6.	3.4	9
95	Transcriptional, Epigenetic and Pharmacological Control of JAK/STAT Pathway in NK Cells. Frontiers in Immunology, 2019, 10, 2456.	2.2	8
96	183â€…A phase 1B/2A trial of tofacitinib, an oral janus kinase inhibitor, in systemic lupus erythematosus. , 2019, , .		8
97	High throughput pSTAT signaling profiling by fluorescent cell barcoding and computational analysis. Journal of Immunological Methods, 2020, 477, 112667.	0.6	8
98	Cytokines and cytokine receptors. , 2013, , 108-135.		8
99	Immunodeficiency Is A Tough Nut to CRAC: The Importance of Calcium Flux in T Cell Activation. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2006, 6, 253-256.	3.4	8
100	Accurate and Simple Measurement of the Pro-inflammatory Cytokine IL-1β using a Whole Blood Stimulation Assay. Journal of Visualized Experiments, 2011, , .	0.2	6
101	JAK Inhibition Differentially Affects NK Cell and ILC1 Homeostasis. Frontiers in Immunology, 2019, 10, 2972.	2.2	6
102	Immune modulation: Turncoat regulatory T cells. Nature Medicine, 2009, 15, 1365-1365.	15.2	4
103	A173: Cerebrospinal Fluid Cytokines Correlate With Innate Immune Cells in Neonatal Onset Multisystem Inflammatory Disease (NOMID) Patients in Clinical Remission Treated With Anakinra. Arthritis and Rheumatology, 2014, 66, S226-S226.	2.9	4
104	Homozygous variant p. Arg90His in NCF1 is associated with early-onset Interferonopathy: a case report. Pediatric Rheumatology, 2021, 19, 54.	0.9	4
105	Protein Kinase Antagonists in Therapy of Immunological and Inflammatory Diseases. , 2019, , 1185-1196.e1.		2
106	Abstract 3023: The antitumor activity of immunotoxins is enhanced by tofacitinib. Cancer Research, 2017, 77, 3023-3023.	0.4	1