Thierry Walzer

List of Publications by Year in Descending Order

131 papers	10,678 citations	44 h-index	103 g-index
144 ext. papers	12,928 ext. citations	8.6 avg, IF	6.02 L-index

#	Paper	IF	Citations
131	Eomes and T-bet, a dynamic duo regulating NK cell differentiation.. *BioEssays*, **2022**, e2100281	4.1	
130	Effect of acute aerobic exercise before immunotherapy and chemotherapy infusion in patients with metastatic non-small-cell lung cancer: protocol for the ERICA feasibility trial.. *BMJ Open*, **2022**, 12, e056819	3	0
129	Zeb1 represses TCR signaling, promotes the proliferation of T cell progenitors and is essential for NK1.1 T cell development. *Cellular and Molecular Immunology*, **2021**, 18, 2140-2152	15.4	5
128	Chronic IL-15 Stimulation and Impaired mTOR Signaling and Metabolism in Natural Killer Cells During Acute Myeloid Leukemia.. *Frontiers in Immunology*, **2021**, 12, 730970	8.4	2
127	Multiparametric Flow Cytometry Evaluation of CD200L/CD200R- LSC/NK Synapse Including Leukemia Stem Cell (LSC) Fraction As a Potential Therapeutic Target and Marker of NK Cell Exhaustion in Pediatric AML-Conect-AML French Collaborative Network. *Blood*, **2021**, 138, 2375-2375	2.2	
126	Immunogenicity and efficacy of heterologous ChAdOx1-BNT162b2 vaccination. *Nature*, **2021**,	50.4	44
125	Cutting Edge: mTORC1 Inhibition in Metastatic Breast Cancer Patients Negatively Affects Peripheral NK Cell Maturation and Number. *Journal of Immunology*, **2021**, 206, 2265-2270	5.3	1
124	Innate (and Innate-like) Lymphoid Cells: Emerging Immune Subsets With Multiple Roles Along Transplant Life. *Transplantation*, **2021**, 105, e322-e336	1.8	2
123	Polyclonal expansion of TCR Vbeta 21.3 CD4 and CD8 T cells is a hallmark of Multisystem Inflammatory Syndrome in Children. *Science Immunology*, **2021**, 6,	28	28
122	A longitudinal study of SARS-CoV-2-infected patients reveals a high correlation between neutralizing antibodies and COVID-19 severity. *Cellular and Molecular Immunology*, **2021**, 18, 318-327	15.4	156
121	Antibodies against type I interferon: detection and association with severe clinical outcome in COVID-19 patients. *Clinical and Translational Immunology*, **2021**, 10, e1327	6.8	25
120	Peripheral natural killer cells in chronic hepatitis B patients display multiple molecular features of T cell exhaustion. *ELife*, **2021**, 10,	8.9	7
119	LACC1 deficiency links juvenile arthritis with autophagy and metabolism in macrophages. *Journal of Experimental Medicine*, **2021**, 218,	16.6	3
118	Early nasal type I IFN immunity against SARS-CoV-2 is compromised in patients with autoantibodies against type I IFNs. *Journal of Experimental Medicine*, **2021**, 218,	16.6	33
117	Evaluation of TTV replication as a biomarker of immune checkpoint inhibitors efficacy in melanoma patients. *PLoS ONE*, **2021**, 16, e0255972	3.7	1
116	Specific detection of memory T-cells in COVID-19 patients using standardized whole-blood Interferon gammarelease assay. *European Journal of Immunology*, **2021**,	6.1	4
115	Sequential actions of EOMES and T-BET promote stepwise maturation of natural killer cells. *Nature Communications*, **2021**, 12, 5446	17.4	4

114	Novel Potent Selective Orally Active S1P5 Receptor Antagonists. *ACS Medicinal Chemistry Letters*, **2021**, 12, 351-355	4.3	0
113	Should we stimulate or suppress immune responses in COVID-19? Cytokine and anti-cytokine interventions. *Autoimmunity Reviews*, **2020**, 19, 102567	13.6	375
112	Type I IFN immunoprofiling in COVID-19 patients. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 206-208.e2	11.5	168
111	Contribution of rare and predicted pathogenic gene variants to childhood-onset lupus: a large, genetic panel analysis of British and French cohorts. *Lancet Rheumatology, The*, **2020**, 2, e99-e109	14.2	16
110	Inflammasome Deletion Promotes Anti-tumor NK Cell Function in an IL-1/IL-18 Independent Way in Murine Invasive Breast Cancer. *Frontiers in Oncology*, **2020**, 10, 1683	5.3	5
109	Low glycosylated ferritin is a sensitive biomarker of severe COVID-19. *Cellular and Molecular Immunology*, **2020**, 17, 1183-1185	15.4	4
108	Styk1 expression is a hallmark of murine NK cells and other NK1.1 subsets but is dispensable for NK-cell development and effector functions. *European Journal of Immunology*, **2019**, 49, 677-685	6.1	2
107	Monogenic lupus: Dissecting heterogeneity. *Autoimmunity Reviews*, **2019**, 18, 102361	13.6	30
106	Pyrin dephosphorylation is sufficient to trigger inflammasome activation in familial Mediterranean fever patients. *EMBO Molecular Medicine*, **2019**, 11, e10547	12	24
105	Styk1 is specifically expressed in NK1.1 lymphocytes including NK, □T, and iNKT cells in mice, but is dispensable for their ontogeny and function. *European Journal of Immunology*, **2019**, 49, 686-693	6.1	1
104	Missing self triggers NK cell-mediated chronic vascular rejection of solid organ transplants. *Nature Communications*, **2019**, 10, 5350	17.4	50
103	Identification of Primary Natural Killer Cell Modulators by Chemical Library Screening with a Luciferase-Based Functional Assay. *SLAS Discovery*, **2019**, 24, 25-37	3.4	7
102	The role of Eomes in human CD4 T cell differentiation: A question of context. *European Journal of Immunology*, **2019**, 49, 38-41	6.1	15
101	Comparison of RT-qPCR and Nanostring in the measurement of blood interferon response for the diagnosis of type I interferonopathies. *Cytokine*, **2019**, 113, 446-452	4	31
100	An immunosuppressive pathway for tumor progression. *Nature Medicine*, **2018**, 24, 260-261	50.5	5
99	Large deletion in 6q associated to A20 haploinsufficiency and thoracoabdominal heterotaxy. *Annals of the Rheumatic Diseases*, **2018**, 77, 1697-1698	2.4	10
98	Deletion of Inflammasome Components Is Not Sufficient To Prevent Fatal Inflammation in Models of Familial Hemophagocytic Lymphohistiocytosis. *Journal of Immunology*, **2018**, 200, 3769-3776	5.3	3
97	Antigen-Induced but Not Innate Memory CD8 T Cells Express NKG2D and Are Recruited to the Lung Parenchyma upon Viral Infection. *Journal of Immunology*, **2018**, 200, 3635-3646	5.3	11

96	T-bet and Eomes govern differentiation and function of mouse and human NK cells and ILC1. *European Journal of Immunology*, **2018**, 48, 738-750	6.1	80
95	S1PR5 is essential for human natural killer cell migration toward sphingosine-1 phosphate. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 2265-2268.e1	11.5	23
94	Geoepidemiology and Immunologic Features of Autoinflammatory Diseases: a Comprehensive Review. *Clinical Reviews in Allergy and Immunology*, **2018**, 54, 454-479	12.3	24
93	Familial Mediterranean fever mutations are hypermorphic mutations that specifically decrease the activation threshold of the Pyrin inflammasome. *Rheumatology*, **2018**, 57, 100-111	3.9	38
92	A Case of Type 2 Hypersensitivity to Rasburicase Diagnosed with a Natural Killer Cell Activation Assay. *Frontiers in Immunology*, **2018**, 9, 110	8.4	3
91	One-Year Follow-Up of Natural Killer Cell Activity in Multiple Myeloma Patients Treated With Adjuvant Lenalidomide Therapy. *Frontiers in Immunology*, **2018**, 9, 704	8.4	12
90	Human papillomavirus type 16 antagonizes IRF6 regulation of IL-1□*PLoS Pathogens*, **2018**, 14, e1007158	7.6	12
89	Plasmacytoid dendritic cells control dengue and Chikungunya virus infections via IRF7-regulated interferon responses. *ELife*, **2018**, 7,	8.9	30
88	Author response: Plasmacytoid dendritic cells control dengue and Chikungunya virus infections via IRF7-regulated interferon responses **2018**,		2
87	Human Naive and Memory T Cells Display Opposite Migratory Responses to Sphingosine-1 Phosphate. *Journal of Immunology*, **2018**, 200, 551-557	5.3	14
86	A point mutation in the signal peptide impairs the development of innate lymphoid cell subsets. *OncoImmunology*, **2018**, 7, e1475875	7.2	7
85	Hepatitis B Virus Blocks the CRE/CREB Complex and Prevents TLR9 Transcription and Function in Human B Cells. *Journal of Immunology*, **2018**, 201, 2331-2344	5.3	12
84	Alteration of Natural Killer cell phenotype and function in obese individuals. *Clinical Immunology*, **2017**, 177, 12-17	9	64
83	Eomes expression reports the progressive differentiation of IFN-□producing Th1-like □T´cells. *European Journal of Immunology*, **2017**, 47, 970-981	6.1	16
82	Sphingosine 1-phosphate signaling through its receptor S1P promotes chromosome segregation and mitotic progression. *Science Signaling*, **2017**, 10,	8.8	21
81	Late-onset hemophagocytic lymphohistiocytosis with neurological presentation. *Clinical Case Reports (discontinued)*, **2017**, 5, 1743-1749	0.7	3
80	Regulation of mTOR, Metabolic Fitness, and Effector Functions by Cytokines in Natural Killer Cells. *Cancers*, **2017**, 9,	6.6	18
79	High mTOR activity is a hallmark of reactive natural killer cells and amplifies early signaling through activating receptors. *ELife*, **2017**, 6,	8.9	38

78	Author response: High mTOR activity is a hallmark of reactive natural killer cells and amplifies early signaling through activating receptors **2017**,		2
77	Efficacy of the Janus kinase 1/2 inhibitor ruxolitinib in the treatment of vasculopathy associated with TMEM173-activating mutations in 3 children. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 1752-1755	11.5	141
76	Immune signatures of protective spleen memory CD8 T cells. *Scientific Reports*, **2016**, 6, 37651	4.9	10
75	Transforming growth factor-and Notch ligands act as opposing environmental cues in regulating the plasticity of type 3 innate lymphoid cells. *Science Signaling*, **2016**, 9, ra46	8.8	68
74	TGF-inhibits the activation and functions of NK cells by repressing the mTOR pathway. *Science Signaling*, **2016**, 9, ra19	8.8	297
73	Murine peripheral NK-cell populations originate from site-specific immature NK cells more than from BM-derived NK cells. *European Journal of Immunology*, **2016**, 46, 1258-70	6.1	9
72	NKp46-mediated Dicer1 inactivation results in defective NK-cell differentiation and effector functions in mice. *European Journal of Immunology*, **2016**, 46, 1902-11	6.1	5
71	Characterization of the Inflammasome in Human Kupffer Cells in Response to Synthetic Agonists and Pathogens. *Journal of Immunology*, **2016**, 197, 356-67	5.3	40
70	Back to the drawing board: Understanding the complexity of hepatic innate lymphoid cells. *European Journal of Immunology*, **2016**, 46, 2095-8	6.1	10
69	Adipose-Resident Group 1 Innate Lymphoid Cells Promote Obesity-Associated Insulin Resistance. *Immunity*, **2016**, 45, 428-41	32.3	172
68	PRKDC mutations associated with immunodeficiency, granuloma, and autoimmune regulator-dependent autoimmunity. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1578-88.e5	11.5	52
67	Terminal NK cell maturation is controlled by concerted actions of T-bet and Zeb2 and is essential for melanoma rejection. *Journal of Experimental Medicine*, **2015**, 212, 2015-25	16.6	102
66	Inherited anomalies of innate immune receptors in pediatric-onset inflammatory diseases. *Autoimmunity Reviews*, **2015**, 14, 1147-53	13.6	11
65	Human natural killer cells promote cross-presentation of tumor cell-derived antigens by dendritic cells. *International Journal of Cancer*, **2015**, 136, 1085-94	7.5	48
64	NKp46+ Innate Lymphoid Cells Dampen Vaginal CD8 T Cell Responses following Local Immunization with a Cholera Toxin-Based Vaccine. *PLoS ONE*, **2015**, 10, e0143224	3.7	7
63	Terminal NK cell maturation is controlled by concerted actions of T-bet and Zeb2 and is essential for melanoma rejection. *Journal of Cell Biology*, **2015**, 211, 2113OIA260	7.3	
62	Unique Eomes(+) NK Cell Subsets Are Present in Uterus and Decidua During Early Pregnancy. *Frontiers in Immunology*, **2015**, 6, 646	8.4	77
61	Dok1 and Dok2 proteins regulate natural killer cell development and function. *EMBO Journal*, **2014**, 33, 1928-40	13	25

60	CCR1 inhibition ameliorates the progression of lupus nephritis in NZB/W mice. *Journal of Immunology*, **2014**, 192, 886-96	5.3	23
59	The metabolic checkpoint kinase mTOR is essential for IL-15 signaling during the development and activation of NK cells. *Nature Immunology*, **2014**, 15, 749-757	19.1	344
58	T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. *Journal of Experimental Medicine*, **2014**, 211, 563-77	16.6	368
57	Activation of Natural Killer Cells in Patients with Chronic Bone and Joint Infection due to Staphylococci Expressing or Not the Small Colony Variant Phenotype. *International Journal of Chronic Diseases*, **2014**, 2014, 280653	2.1	
56	microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. *Journal of Experimental Medicine*, **2014**, 211, 2281-95	16.6	49
55	Mutations in CECR1 associated with a neutrophil signature in peripheral blood. *Pediatric Rheumatology*, **2014**, 12, 44	3.5	63
54	microRNA-mediated regulation of mTOR complex components facilitates discrimination between activation and anergy in CD4 T cells. *Journal of Cell Biology*, **2014**, 207, 2072OIA191	7.3	
53	Regulation of mouse NK cell development and function by cytokines. *Frontiers in Immunology*, **2013**, 4, 450	8.4	126
52	ASC controls IFN-□levels in an IL-18-dependent manner in caspase-1-deficient mice infected with Francisella novicida. *Journal of Immunology*, **2013**, 191, 3847-57	5.3	29
51	S1PR5 is pivotal for the homeostasis of patrolling monocytes. *European Journal of Immunology*, **2013**, 43, 1667-75	6.1	39
50	Monitoring NK cell activity in patients with hematological malignancies. *OncoImmunology*, **2013**, 2, e26617	7.2	31
49	Natural killer cells and T cells induce different types of skin reactions during recall responses to haptens. *European Journal of Immunology*, **2012**, 42, 80-8	6.1	36
48	Negative regulation of NKG2D expression by IL-4 in memory CD8 T cells. *Journal of Immunology*, **2012**, 189, 3480-9	5.3	21
47	T inflammatory memory CD8 T cells participate to antiviral response and generate secondary memory cells with an advantage in XCL1 production. *Immunologic Research*, **2012**, 52, 284-93	4.3	12
46	Fate mapping analysis of lymphoid cells expressing the NKp46 cell surface receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 18324-9	11.5	238
45	G-protein-coupled receptors in control of natural killer cell migration. *Trends in Immunology*, **2011**, 32, 486-92	14.4	47
44	Monocytes control natural killer cell differentiation to effector phenotypes. *Blood*, **2011**, 117, 4511-8	2.2	64
43	Sequential desensitization of CXCR4 and S1P5 controls natural killer cell trafficking. *Blood*, **2011**, 118, 4863-71	2.2	88

42	Genetic labeling reveals altered turnover and stability of innate lymphocytes in latent mouse cytomegalovirus infection. *Journal of Immunology*, **2011**, 186, 2918-25	5.3	4
41	Cutting edge: CD8+ T cell priming in the absence of NK cells leads to enhanced memory responses. *Journal of Immunology*, **2011**, 186, 3304-8	5.3	106
40	Confinement of activating receptors at the plasma membrane controls natural killer cell tolerance. *Science Signaling*, **2011**, 4, ra21	8.8	104
39	Natural killer cells accumulate in lung-draining lymph nodes and regulate airway eosinophilia in a murine model of asthma. *Scandinavian Journal of Immunology*, **2010**, 72, 118-27	3.4	28
38	NK-cell education: KIR-S come into play. *Blood*, **2010**, 115, 1110-1	2.2	1
37	CD137 in NK cells. *Blood*, **2010**, 115, 2987-8	2.2	7
36	Interactions between human NK cells and macrophages in response to Salmonella infection. *Journal of Immunology*, **2009**, 182, 4339-48	5.3	94
35	Maturation of mouse NK cells is a 4-stage developmental program. *Blood*, **2009**, 113, 5488-96	2.2	500
34	Functions of natural killer cells. *Nature Immunology*, **2008**, 9, 503-10	19.1	2374
33	Novel insights into the relationships between dendritic cell subsets in human and mouse revealed by genome-wide expression profiling. *Genome Biology*, **2008**, 9, R17	18.3	402
32	Cutting edge: Priming of NK cells by IL-18. *Journal of Immunology*, **2008**, 181, 1627-31	5.3	229
31	Mouse CD146/MCAM is a marker of natural killer cell maturation. *European Journal of Immunology*, **2008**, 38, 2855-64	6.1	38
30	Intrasplenic trafficking of natural killer cells is redirected by chemokines upon inflammation. *European Journal of Immunology*, **2008**, 38, 2076-84	6.1	51
29	Germ-line and rearranged Tcrd transcription distinguish bona fide NK cells and NK-like gammadelta T cells. *European Journal of Immunology*, **2007**, 37, 1442-52	6.1	65
28	Natural killer cell trafficking in vivo requires a dedicated sphingosine 1-phosphate receptor. *Nature Immunology*, **2007**, 8, 1337-44	19.1	301
27	The trafficking of natural killer cells. *Immunological Reviews*, **2007**, 220, 169-82	11.3	387
26	Natural killer cells: from CD3(-)NKp46(+) to post-genomics meta-analyses. *Current Opinion in Immunology*, **2007**, 19, 365-72	7.8	110
25	Identification, activation, and selective in vivo ablation of mouse NK cells via NKp46. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 3384-9	11.5	361

24	Maintenance of CCL5 mRNA stores by post-effector and memory CD8 T cells is dependent on transcription and is coupled to increased mRNA stability. *European Journal of Immunology*, **2006**, 36, 2745-54	6.1	16
23	Cell-autonomous CCL5 transcription by memory CD8 T cells is regulated by IL-4. *Journal of Immunology*, **2006**, 177, 4451-7	5.3	9
22	Natural killer cell-dendritic cell crosstalk in the initiation of immune responses. *Expert Opinion on Biological Therapy*, **2005**, 5 Suppl 1, S49-59	5.4	77
21	No defect in T-cell priming, secondary response, or tolerance induction in response to inhaled antigens in Fms-like tyrosine kinase 3 ligand-deficient mice. *Journal of Allergy and Clinical Immunology*, **2005**, 115, 192-9	11.5	21
20	Natural-killer cells and dendritic cells: "l'union fait la force". *Blood*, **2005**, 106, 2252-8	2.2	457
19	Poxvirus semaphorin A39R inhibits phagocytosis by dendritic cells and neutrophils. *European Journal of Immunology*, **2005**, 35, 391-8	6.1	38
18	Plexin C1 engagement on mouse dendritic cells by viral semaphorin A39R induces actin cytoskeleton rearrangement and inhibits integrin-mediated adhesion and chemokine-induced migration. *Journal of Immunology*, **2005**, 174, 51-9	5.3	74
17	Nectin-like protein 2 defines a subset of T-cell zone dendritic cells and is a ligand for class-I-restricted T-cell-associated molecule. *Journal of Biological Chemistry*, **2005**, 280, 21955-64	5.4	143
16	Dendritic cell function in mice lacking Plexin C1. *International Immunology*, **2005**, 17, 943-50	4.9	34
15	Cutting edge: immediate RANTES secretion by resting memory CD8 T cells following antigenic stimulation. *Journal of Immunology*, **2003**, 170, 1615-9	5.3	44
14	In vivo impact of CpG1826 oligodeoxynucleotide on CD8 T cell primary responses and survival. *Journal of Immunology*, **2003**, 171, 2995-3002	5.3	23
13	A1/Bfl-1 expression is restricted to TCR engagement in T lymphocytes. *Cell Death and Differentiation*, **2003**, 10, 1059-67	12.7	38
12	Hyperproliferative response of a monoclonal memory CD8 T cell population is characterized by an increased frequency of clonogenic precursors. *Journal of Immunology*, **2002**, 168, 2147-53	5.3	5
11	Differential in vivo persistence of two subsets of memory phenotype CD8 T cells defined by CD44 and CD122 expression levels. *Journal of Immunology*, **2002**, 168, 2704-11	5.3	35
10	Involvement of inhibitory NKRs in the survival of a subset of memory-phenotype CD8+ T cells. *Nature Immunology*, **2001**, 2, 430-5	19.1	134
9	Protection against experimental autoimmune encephalomyelitis by a proteasome modulator. *Journal of Neuroimmunology*, **2001**, 118, 233-44	3.5	25
8	Mechanism of measles virus-induced suppression of inflammatory immune responses. *Immunity*, **2001**, 14, 69-79	32.3	120
7	Phénotype et fonctions des lymphocytes T CD8+mémoire. *Medecine/Sciences*, **2001**, 17, 1105-1111		0

6	Characterization at the single-cell level of naive and primed CD8 T cell cytokine responses. *Cellular Immunology*, **2000**, 206, 16-25	4.4	8
5	Memory CD44(int) CD8 T cells show increased proliferative responses and IFN-gamma production following antigenic challenge in vitro. *International Immunology*, **1999**, 11, 699-706	4.9	29
4	Antigen-induced but not innate memory CD8 T cells express NKG2D and are recruited to the lung parenchyma upon viral infection		1
3	Superantigenic TCR Vbeta 21.3 signature in Multisystem Inflammatory Syndrome in Children		1
2	Immunogenicity and efficacy of heterologous ChadOx1/BNT162b2 vaccination		3
1	SARS-CoV-2 infected cells trigger an acute antiviral response mediated by Plasmacytoid dendritic cells in mild but not severe COVID-19 patients		3