Laurent Gapin

List of Publications by Year
in descending order

37 papers	**4,225** citations	279798 **23** h-index	361022 **35** g-index
40 all docs	**40** docs citations	**40** times ranked	**5076** citing authors

#	Article	IF	Citations
1	Circulating CD8+ mucosal‑associated invariant T cells correlate with improved treatment responses and overall survival in anti‑PD‑1‑treated melanoma patients. Clinical and Translational Immunology, 2022, 11, e1367.	3.8	16
2	MAIT Cells: Partners or Enemies in Cancer Immunotherapy?. Cancers, 2021, 13, 1502.	3.7	18
3	CD1a autoreactivity: When size does matter. Journal of Experimental Medicine, 2021, 218, .	8.5	0
4	Single cell analysis of host response to helminth infection reveals the clonal breadth, heterogeneity, and tissue-specific programming of the responding CD4+ T cell repertoire. PLoS Pathogens, 2021, 17, e1009602.	4.7	7
5	Type II Natural Killer T Cells Contribute to Protection Against Systemic Methicillin-Resistant Staphylococcus aureus Infection. Frontiers in Immunology, 2020, 11, 610010.	4.8	8
6	Thymic iNKT single cell analyses unmask the common developmental program of mouse innate T cells. Nature Communications, 2020, 11, 6238.	12.8	47
7	Contribution of the SYK Tyrosine kinase expression to human iNKT self‑reactivity. European Journal of Immunology, 2020, 50, 1454-1467.	2.9	1
8	Inherent reactivity of unselected TCR repertoires to peptide-MHC molecules. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22252-22261.	7.1	17
9	How C-terminal additions to insulin B-chain fragments create superagonists for T cells in mouse and human type 1 diabetes. Science Immunology, 2019, 4, .	11.9	38
10	Differing roles of CD1d2 and CD1d1 proteins in type I natural killer T cell development and function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1204-E1213.	7.1	21
11	Development of T cell lines sensitive to antigen stimulation. Journal of Immunological Methods, 2018, 462, 65-73.	1.4	31
12	Characterization of Thymic Development of Natural Killer T Cell Subsets by Multiparameter Flow Cytometry. Methods in Molecular Biology, 2018, 1799, 121-133.	0.9	7
13	Invariant Natural Killer T Cell Subsets—More Than Just Developmental Intermediates. Frontiers in Immunology, 2018, 9, 1393.	4.8	87
14	TCR signal strength controls thymic differentiation of iNKT cell subsets. Nature Communications, 2018, 9, 2650.	12.8	79
15	iNKT cells need UTX-tra demethylation. Nature Immunology, 2017, 18, 148-150.	14.5	2
16	The somatically generated portion of T cell receptor CDR3α contributes to the MHC allele specificity of the T cell receptor. ELife, 2017, 6, .	6.0	25
17	Revealing the TCR bias for MHC molecules. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2809-2811.	7.1	2
18	Class II major histocompatibility complex mutant mice to study the germ-line bias of T-cell antigen receptors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5608-E5617.	7.1	25

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19	It is time to beelieve the CD1a hype!. European Journal of Immunology, 2016, 46, 56-59.	2.9	0
20	Structure and function of the non-classical major histocompatibility complex molecule MR1. Immunogenetics, 2016, 68, 549-559.	2.4	13
21	Development of invariant natural killer T cells. Current Opinion in Immunology, 2016, 39, 68-74.	5.5	101
22	Effective functional maturation of invariant natural killer T cells is constrained by negative selection and T-cell antigen receptor affinity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E119-28.	7.1	34
23	IL-27 is required for shaping the magnitude, affinity distribution, and memory of T cells responding to subunit immunization. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16472-16477.	7.1	53
24	Check MAIT. Journal of Immunology, 2014, 192, 4475-4480.	0.8	46
25	Natural Killer T cell obsession with self-antigens. Current Opinion in Immunology, 2013, 25, 168-173.	5.5	82
26	MAIT Cell Recognition of MR1 on Bacterially Infected and Uninfected Cells. PLoS ONE, 2013, 8, e53789.	2.5	40
27	T cells and their eonsâ€old obsession with <scp>MHC</scp>. Immunological Reviews, 2012, 250, 49-60.	6.0	58
28	Evolutionarily Conserved Features Contribute to Î±Î² T Cell Receptor Specificity. Immunity, 2011, 35, 526-535.	14.3	57
29	A Molecular Basis for the Exquisite CD1d-Restricted Antigen Specificity and Functional Responses of Natural Killer T Cells. Immunity, 2011, 34, 327-339.	14.3	107
30	Germline-encoded amino acids in the Î±Î² T-cell receptor control thymic selection. Nature, 2009, 458, 1043-1046.	27.8	149
31	CD1d-restricted iNKT cells, the â€˜Swiss-Army knifeâ€™ of the immune system. Current Opinion in Immunology, 2008, 20, 358-368.	5.5	348
32	Evolutionarily Conserved Amino Acids That Control TCR-MHC Interaction. Annual Review of Immunology, 2008, 26, 171-203.	21.8	261
33	A minimal binding footprint on CD1d-glycolipid is a basis for selection of the unique human NKT TCR. Journal of Experimental Medicine, 2008, 205, 939-949.	8.5	83
34	T-bet Regulates the Terminal Maturation and Homeostasis of NK and VÎ±14i NKT Cells. Immunity, 2004, 20, 477-494.	14.3	649
35	Constitutive Cytokine mRNAs Mark Natural Killer (NK) and NK T Cells Poised for Rapid Effector Function. Journal of Experimental Medicine, 2003, 198, 1069-1076.	8.5	536
36	NKT cells derive from double-positive thymocytes that are positively selected by CD1d. Nature Immunology, 2001, 2, 971-978.	14.5	356

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37	Tracking the Response of Natural Killer T Cells to a Glycolipid Antigen Using Cd1d Tetramers. Journal of Experimental Medicine, 2000, 192, 741-754.	8.5	818