Kristin A Hogquist

List of Publications by Year in Descending Order

140 papers	16,509 citations	63 h-index	128 g-index
191 ext. papers	19,139 ext. citations	14.7 avg, IF	6.71 L-index

#	Paper	IF	Citations
140	Epithelial STAT6 O-GlcNAcylation drives a concerted anti-helminth alarmin response dependent on tuft cell hyperplasia and Gasdermin C.. *Immunity*, **2022**,	32.3	3
139	Engagement of the costimulatory molecule ICOS in tissues promotes establishment of CD8 tissue-resident memory T cells.. *Immunity*, **2021**,	32.3	4
138	Classical MHC expression by DP thymocytes impairs the selection of non-classical MHC restricted innate-like T cells. *Nature Communications*, **2021**, 12, 2308	17.4	6
137	MHC Class I on murine hematopoietic APC selects Type A IEL precursors in the thymus. *European Journal of Immunology*, **2021**, 51, 1080-1088	6.1	0
136	Microbiota-Driven Activation of Intrahepatic B Cells Aggravates NASH Through Innate and Adaptive Signaling. *Hepatology*, **2021**, 74, 704-722	11.2	22
135	VISTA is a checkpoint regulator for naïve T cell quiescence and peripheral tolerance. *Science*, **2020**, 367,	33.3	63
134	Recent advances in iNKT cell development. *F1000Research*, **2020**, 9,	3.6	17
133	Intestinal CD8αβ IELs derived from two distinct thymic precursors have staggered ontogeny. *Journal of Experimental Medicine*, **2020**, 217,	16.6	5
132	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). *European Journal of Immunology*, **2019**, 49, 1457-1973	6.1	485
131	The lineage stability and suppressive program of regulatory T cells require protein O-GlcNAcylation. *Nature Communications*, **2019**, 10, 354	17.4	42
130	Development, ontogeny, and maintenance of TCRαβ+CD8αβ IEL. *Current Opinion in Immunology*, **2019**, 58, 83-88	7.8	8
129	Measuring Thymic Clonal Deletion at the Population Level. *Journal of Immunology*, **2019**, 202, 3226-3233	5.3	21
128	Programmed Death-1 Restrains the Germinal Center in Type 1 Diabetes. *Journal of Immunology*, **2019**, 203, 844-852	5.3	5
127	ARTC2.2/P2RX7 Signaling during Cell Isolation Distorts Function and Quantification of Tissue-Resident CD8 T Cell and Invariant NKT Subsets. *Journal of Immunology*, **2019**, 202, 2153-2163	5.3	25
126	Myeloid cells activate iNKT cells to produce IL-4 in the thymic medulla. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 22262-22268	11.5	17
125	How Lipid-Specific T Cells Become Effectors: The Differentiation of iNKT Subsets. *Frontiers in Immunology*, **2018**, 9, 1450	8.4	33
124	Thymic tuft cells promote an IL-4-enriched medulla and shape thymocyte development. *Nature*, **2018**, 559, 627-631	50.4	111

123	Intravenous Labeling and Analysis of the Content of Thymic Perivascular Spaces. *Bio-protocol*, **2018**, 8,	0.9	2
122	CCR7 defines a precursor for murine iNKT cells in thymus and periphery. *ELife*, **2018**, 7,	8.9	43
121	Ultrasound Guided Intra-thymic Injection to Track Recent Thymic Emigrants and Investigate T Cell Development. *Bio-protocol*, **2018**, 8,	0.9	2
120	Directing T cell fate: How thymic antigen presenting cells coordinate thymocyte selection. *Seminars in Cell and Developmental Biology*, **2018**, 84, 2-10	7.5	26
119	For T Cells, the Child Is Father of the Man. *Cell*, **2018**, 174, 16-18	56.2	
118	The purinergic receptor P2RX7 directs metabolic fitness of long-lived memory CD8 T cells. *Nature*, **2018**, 559, 264-268	50.4	128
117	CD8αα Intraepithelial lymphocytes arise from two main thymic precursors. *Nature Immunology*, **2017**, 18, 771-779	19.1	58
116	Cutting Edge: Dual TCRα Expression Poses an Autoimmune Hazard by Limiting Regulatory T Cell Generation. *Journal of Immunology*, **2017**, 199, 33-38	5.3	13
115	Wait, Wait – DK Now Go In: iNKT Cells Resolve Liver Inflammation. *Immunity*, **2017**, 47, 609-610	32.3	1
114	T cell progenitor therapy-facilitated thymopoiesis depends upon thymic input and continued thymic microenvironment interaction. *JCI Insight*, **2017**, 2,	9.9	14
113	OKT3 and H57-597: From Discovery, to Commercialization, to the Clinic. *Journal of Immunology*, **2016**, 197, 3429-3430	5.3	2
112	IL-4 sensitivity shapes the peripheral CD8+ T cell pool and response to infection. *Journal of Experimental Medicine*, **2016**, 213, 1319-29	16.6	34
111	CD4(+) T cell anergy prevents autoimmunity and generates regulatory T cell precursors. *Nature Immunology*, **2016**, 17, 304-14	19.1	121
110	Tolerance is established in polyclonal CD4(+) T cells by distinct mechanisms, according to self-peptide expression patterns. *Nature Immunology*, **2016**, 17, 187-95	19.1	120
109	Lineage-Specific Effector Signatures of Invariant NKT Cells Are Shared amongst γδ T, Innate Lymphoid, and Th Cells. *Journal of Immunology*, **2016**, 197, 1460-70	5.3	75
108	Late stages of T cell maturation in the thymus involve NF-κB and tonic type I interferon signaling. *Nature Immunology*, **2016**, 17, 565-73	19.1	95
107	Spontaneous partial loss of the OT-I transgene. *Nature Immunology*, **2016**, 17, 471	19.1	3
106	Prospective studies of infectious mononucleosis in university students. *Clinical and Translational Immunology*, **2016**, 5, e94	6.8	20

105	Infectious mononucleosis. *Clinical and Translational Immunology*, **2015**, 4, e33	6.8	108
104	Cytokine-Mediated Loss of Blood Dendritic Cells During Epstein-Barr Virus-Associated Acute Infectious Mononucleosis: Implication for Immune Dysregulation. *Journal of Infectious Diseases*, **2015**, 212, 1957-61	7	17
103	Impaired Epstein-Barr Virus-Specific Neutralizing Antibody Response during Acute Infectious Mononucleosis Is Coincident with Global B-Cell Dysfunction. *Journal of Virology*, **2015**, 89, 9137-41	6.6	18
102	Innate memory T cells. *Advances in Immunology*, **2015**, 126, 173-213	5.6	75
101	Infectious Mononucleosis. *Current Topics in Microbiology and Immunology*, **2015**, 390, 211-40	3.3	104
100	T Cell Adolescence: Maturation Events Beyond Positive Selection. *Journal of Immunology*, **2015**, 195, 1351-7	5.3	45
99	Tissue-Specific Distribution of iNKT Cells Impacts Their Cytokine Response. *Immunity*, **2015**, 43, 566-78	32.3	167
98	The TCRs sensitivity to self peptide-MHC dictates the ability of naive CD8(+) T cells to respond to foreign antigens. *Nature Immunology*, **2015**, 16, 107-17	19.1	136
97	The transcription factor KLF2 restrains CD4+ T follicular helper cell differentiation. *Immunity*, **2015**, 42, 252-264	32.3	105
96	The Incubation Period of Primary Epstein-Barr Virus Infection: Viral Dynamics and Immunologic Events. *PLoS Pathogens*, **2015**, 11, e1005286	7.6	70
95	Costimulation via the tumor-necrosis factor receptor superfamily couples TCR signal strength to the thymic differentiation of regulatory T cells. *Nature Immunology*, **2014**, 15, 473-81	19.1	178
94	Positive and negative selection of the T cell repertoire: what thymocytes see (and don't see). *Nature Reviews Immunology*, **2014**, 14, 377-91	36.5	751
93	The self-obsession of T cells: how TCR signaling thresholds affect fate 'decisions' and effector function. *Nature Immunology*, **2014**, 15, 815-23	19.1	171
92	TCR affinity and tolerance mechanisms converge to shape T cell diabetogenic potential. *Journal of Immunology*, **2014**, 193, 571-9	5.3	26
91	Cutting edge: NKG2C(hi)CD57+ NK cells respond specifically to acute infection with cytomegalovirus and not Epstein-Barr virus. *Journal of Immunology*, **2014**, 192, 4492-6	5.3	127
90	Antigen-dependent versus -independent activation of invariant NKT cells during infection. *Journal of Immunology*, **2014**, 192, 5490-8	5.3	70
89	Isolation, identification, and purification of murine thymic epithelial cells. *Journal of Visualized Experiments*, **2014**, e51780	1.6	25
88	Primary EBV infection induces an expression profile distinct from other viruses but similar to hemophagocytic syndromes. *PLoS ONE*, **2014**, 9, e85422	3.7	29

87	From pre-DP, post-DP, SP4, and SP8 Thymocyte Cell Counts to a Dynamical Model of Cortical and Medullary Selection. *Frontiers in Immunology*, **2014**, 5, 19	8.4	22
86	Transcriptional downregulation of S1pr1 is required for the establishment of resident memory CD8+ T cells. *Nature Immunology*, **2013**, 14, 1285-93	19.1	459
85	Behavioral, virologic, and immunologic factors associated with acquisition and severity of primary Epstein-Barr virus infection in university students. *Journal of Infectious Diseases*, **2013**, 207, 80-8	7	204
84	Murine thymic selection quantified using a unique method to capture deleted T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4679-84	11.5	120
83	Steady-state production of IL-4 modulates immunity in mouse strains and is determined by lineage diversity of iNKT cells. *Nature Immunology*, **2013**, 14, 1146-54	19.1	387
82	Distinct temporal patterns of T cell receptor signaling during positive versus negative selection in situ. *Science Signaling*, **2013**, 6, ra92	8.8	65
81	Thymoproteasome subunit-β5T generates peptide-MHC complexes specialized for positive selection. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6979-84	11.5	70
80	Virtual memory CD8 T cells display unique functional properties. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13498-503	11.5	87
79	Selection of self-reactive T cells in the thymus. *Annual Review of Immunology*, **2012**, 30, 95-114	34.7	232
78	T-cell tolerance: central and peripheral. *Cold Spring Harbor Perspectives in Biology*, **2012**, 4,	10.2	241
77	T-cell receptor affinity in thymic development. *Immunology*, **2012**, 135, 261-7	7.8	55
76	Development of promyelocytic leukemia zinc finger-expressing innate CD4 T cells requires stronger T-cell receptor signals than conventional CD4 T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 16264-9	11.5	14
75	Primary Epstein-Barr virus infection does not erode preexisting CD8+ T cell memory in humans. *Journal of Experimental Medicine*, **2012**, 209, 471-8	16.6	50
74	Krüppel-like factors in lymphocyte biology. *Journal of Immunology*, **2012**, 188, 521-6	5.3	38
73	Antigen-independent differentiation and maintenance of effector-like resident memory T cells in tissues. *Journal of Immunology*, **2012**, 188, 4866-75	5.3	405
72	Cholera toxin activates nonconventional adjuvant pathways that induce protective CD8 T-cell responses after epicutaneous vaccination. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 2072-7	11.5	26
71	Alternative memory in the CD8 T cell lineage. *Trends in Immunology*, **2011**, 32, 50-6	14.4	105
70	Progress and problems in understanding and managing primary Epstein-Barr virus infections. *Clinical Microbiology Reviews*, **2011**, 24, 193-209	34	243

69	Kruppel-like factor 2 is required for trafficking but not quiescence in postactivated T cells. *Journal of Immunology*, **2011**, 186, 775-83	5.3	39
68	Krüpel-like factor 2 (KLF2) regulates B-cell reactivity, subset differentiation, and trafficking molecule expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 716-21	11.5	67
67	Postselection thymocyte maturation and emigration are independent of IL-7 and ERK5. *Journal of Immunology*, **2011**, 186, 1343-7	5.3	19
66	T cell receptor signal strength in Treg and iNKT cell development demonstrated by a novel fluorescent reporter mouse. *Journal of Experimental Medicine*, **2011**, 208, 1279-89	16.6	658
65	T cells expressing the transcription factor PLZF regulate the development of memory-like CD8+ T cells. *Nature Immunology*, **2010**, 11, 709-16	19.1	192
64	Krüpel-like factor 2 regulates trafficking and homeostasis of gammadelta T cells. *Journal of Immunology*, **2010**, 184, 6060-6	5.3	37
63	Acute ablation of Langerhans cells enhances skin immune responses. *Journal of Immunology*, **2010**, 185, 4724-8	5.3	93
62	Why CD8+ T cells need diversity when growing up. *Immunity*, **2010**, 32, 5-6	32.3	12
61	Patrolling Murine Monocytes Are Defined by Their Expression of the Orphan Nuclear Receptor, Nur77 (nr4a1). *Blood*, **2010**, 116, 4723-4723	2.2	
60	Positive selection optimizes the number and function of MHCII-restricted CD4+ T cell clones in the naive polyclonal repertoire. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 11241-5	11.5	34
59	Epidermal Langerhans cells are not required for UV-induced immunosuppression. *Journal of Immunology*, **2009**, 183, 5548-53	5.3	35
58	Langerhans cells are not required for the CD8 T cell response to epidermal self-antigens. *Journal of Immunology*, **2009**, 182, 4657-64	5.3	29
57	Thymic emigration: sphingosine-1-phosphate receptor-1-dependent models and beyond. *European Journal of Immunology*, **2009**, 39, 925-30	6.1	12
56	Treg cells meet their limit. *Nature Immunology*, **2009**, 10, 565-6	19.1	4
55	KLF2 transcription-factor deficiency in T cells results in unrestrained cytokine production and upregulation of bystander chemokine receptors. *Immunity*, **2009**, 31, 122-30	32.3	157
54	Roles of Krüpel-like Factors in Lymphocytes **2009**, 95-106		
53	Characterization of Nur77+ Cells in Murine Peripheral Blood.. *Blood*, **2009**, 114, 1361-1361	2.2	
52	Clonal deletion of thymocytes can occur in the cortex with no involvement of the medulla. *Journal of Experimental Medicine*, **2008**, 205, 2575-84	16.6	136

51	Langerin expressing cells promote skin immune responses under defined conditions. *Journal of Immunology*, **2008**, 180, 4722-7	5.3	98
50	Thymic emigration: when and how T cells leave home. *Journal of Immunology*, **2008**, 181, 2265-70	5.3	117
49	Central tolerance: what have we learned from mice?. *Seminars in Immunopathology*, **2008**, 30, 399-409	12	26
48	Regulation of KLF2 in the Thymus. *FASEB Journal*, **2008**, 22, 346-346	0.9	
47	Presentation of skin self antigens by non-hematopoietic cells induces autoimmunity.. *FASEB Journal*, **2008**, 22, 463-463	0.9	
46	Transcriptional analysis of clonal deletion in vivo. *Journal of Immunology*, **2007**, 179, 837-44	5.3	61
45	Mouse Models of Negative Selection **2007**, 207-221		
44	Identification of a novel population of Langerin+ dendritic cells. *Journal of Experimental Medicine*, **2007**, 204, 3147-56	16.6	409
43	Thymic emigration revisited. *Journal of Experimental Medicine*, **2007**, 204, 2513-20	16.6	199
42	Conditioning of Langerhans cells induced by a primary CD8 T cell response to self-antigen in vivo. *Journal of Immunology*, **2006**, 176, 4658-65	5.3	12
41	Tec kinases in T cell development: a clue behind the mask?. *Immunity*, **2006**, 25, 9-11	32.3	1
40	Kruppel-like factor 2 regulates thymocyte and T-cell migration. *Nature*, **2006**, 442, 299-302	50.4	400
39	Lymphocyte development. *Current Opinion in Immunology*, **2006**, 18, 113-115	7.8	
38	A requirement for sustained ERK signaling during thymocyte positive selection in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 13574-9	11.5	102
37	The timing of TCR alpha expression critically influences T cell development and selection. *Journal of Experimental Medicine*, **2005**, 202, 111-21	16.6	130
36	Central tolerance: learning self-control in the thymus. *Nature Reviews Immunology*, **2005**, 5, 772-82	36.5	487
35	Basal immunoglobulin signaling actively maintains developmental stage in immature B cells. *PLoS Biology*, **2005**, 3, e82	9.7	107
34	Central tolerance to self-antigen expressed by cortical epithelial cells. *Journal of Immunology*, **2004**, 172, 851-6	5.3	24

33	The regulated expression of a diverse set of genes during thymocyte positive selection in vivo. *Journal of Immunology*, **2004**, 173, 5434-44	5.3	47
32	The fourth way? Harnessing aggressive tendencies in the thymus. *Journal of Immunology*, **2004**, 173, 6515-20	5.3	75
31	Langerhans cells activate naive self-antigen-specific CD8 T cells in the steady state. *Immunity*, **2004**, 21, 391-400	32.3	110
30	Thymocyte sensitivity and supramolecular activation cluster formation are developmentally regulated: a partial role for sialylation. *Journal of Immunology*, **2003**, 171, 4512-20	5.3	45
29	Receptor sensitivity: when T cells lose their sense of self. *Current Biology*, **2003**, 13, R239-41	6.3	20
28	Antigen receptor selection by editing or downregulation of V(D)J recombination. *Current Opinion in Immunology*, **2003**, 15, 182-9	7.8	65
27	Positive and negative selection of T cells. *Annual Review of Immunology*, **2003**, 21, 139-76	34.7	1178
26	The central tolerance response to male antigen in normal mice is deletion and not receptor editing. *Journal of Immunology*, **2003**, 171, 4048-53	5.3	9
25	Sweet and sour: the impact of differential glycosylation on T cell responses. *Nature Immunology*, **2002**, 3, 903-10	19.1	220
24	A spontaneous CD8 T cell-dependent autoimmune disease to an antigen expressed under the human keratin 14 promoter. *Journal of Immunology*, **2002**, 169, 2141-7	5.3	49
23	CD53, a thymocyte selection marker whose induction requires a lower affinity TCR-MHC interaction than CD69, but is up-regulated with slower kinetics. *International Immunology*, **2002**, 14, 249-58	4.9	25
22	Rare, structurally homologous self-peptides promote thymocyte positive selection. *Immunity*, **2002**, 17, 131-42	32.3	81
21	Signal strength in thymic selection and lineage commitment. *Current Opinion in Immunology*, **2001**, 13, 225-31	7.8	111
20	A low affinity TCR ligand restores positive selection of CD8+ T cells in vivo. *Journal of Immunology*, **2001**, 166, 6602-7	5.3	33
19	Assays of thymic selection. Fetal thymus organ culture and in vitro thymocyte dulling assay. *Methods in Molecular Biology*, **2001**, 156, 219-32	1.4	15
18	CD8 binding to MHC class I molecules is influenced by T cell maturation and glycosylation. *Immunity* , **2001**, 15, 1051-61	32.3	152
17	T cell receptor editing. *Immunology Letters*, **2000**, 75, 27-31	4.1	3
16	Receptor editing in developing T cells. *Nature Immunology*, **2000**, 1, 336-41	19.1	121

15	Positive selection is limited by available peptide-dependent MHC conformations. *Journal of Immunology*, **2000**, 164, 3519-26	5.3	12
14	Qualitative and quantitative differences in T cell receptor binding of agonist and antagonist ligands. *Immunity*, **1999**, 10, 227-37	32.3	189
13	Preselection thymocytes are more sensitive to T cell receptor stimulation than mature T cells. *Journal of Experimental Medicine*, **1998**, 188, 1867-74	16.6	174
12	Identification of a naturally occurring ligand for thymic positive selection. *Immunity*, **1997**, 6, 389-99	32.3	156
11	CD8 lineage commitment in the absence of CD8. *Immunity*, **1997**, 6, 633-42	32.3	64
10	Options for TCR Interactions: TCR Agonists, Antagonists and Partial Agonists **1996**, 181-190		
9	Positive selection of thymocytes. *Annual Review of Immunology*, **1995**, 13, 93-126	34.7	512
8	Strong agonist ligands for the T cell receptor do not mediate positive selection of functional CD8+ T cells. *Immunity*, **1995**, 3, 79-86	32.3	145
7	Major histocompatibility complex class I allele-specific peptide libraries: identification of peptides that mimic an H-Y T cell epitope. *European Journal of Immunology*, **1994**, 24, 2124-33	6.1	45
6	The ligand for positive selection of T lymphocytes in the thymus. *Current Opinion in Immunology*, **1994**, 6, 273-8	7.8	51
5	Specificity and flexibility in thymic selection. *Nature*, **1994**, 369, 750-2	50.4	197
4	T cell receptor antagonist peptides induce positive selection. *Cell*, **1994**, 76, 17-27	56.2	2206
3	The specificity of positive selection: MHC and peptides. *Immunological Reviews*, **1993**, 135, 51-66	11.3	11
2	Epstein-Barr Virus and Cytomegalovirus563-577		
1	Type 2 cytokines in the thymus activate Sirp dendritic cells to promote clonal deletion. *Nature Immunology*,	19.1	1