

# Kristin Ladell

## List of Publications by Year in descending order

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114  
papers

6,065  
citations

70961

41  
h-index

82410

72  
g-index

118  
all docs

118  
docs citations

118  
times ranked

10333  
citing authors

#	ARTICLE	IF	CITATIONS
1	VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. <i>Nucleic Acids Research</i> , 2018, 46, D419-D427.	6.5	391
2	Induction of complete and molecular remissions in acute myeloid leukemia by Wilms's tumor 1 antigen-targeted dendritic cell vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13824-13829.	3.3	341
3	Monoclonal TCR-redirection tumor cell killing. <i>Nature Medicine</i> , 2012, 18, 980-987.	15.2	250
4	Clonal selection in the human V $\beta$ 1 T cell repertoire indicates $\beta$ TCR-dependent adaptive immune surveillance. <i>Nature Communications</i> , 2017, 8, 14760.	5.8	203
5	MR1-restricted MAIT cells display ligand discrimination and pathogen selectivity through distinct T cell receptor usage. <i>Journal of Experimental Medicine</i> , 2014, 211, 1601-1610.	4.2	196
6	Islet-reactive CD8 <sup>+</sup> T cell frequencies in the pancreas, but not in blood, distinguish type 1 diabetic patients from healthy donors. <i>Science Immunology</i> , 2018, 3, .	5.6	171
7	Dendritic cell vaccination as postremission treatment to prevent or delay relapse in acute myeloid leukemia. <i>Blood</i> , 2017, 130, 1713-1721.	0.6	170
8	Two subsets of stem-like CD8 <sup>+</sup> memory T cell progenitors with distinct fate commitments in humans. <i>Nature Immunology</i> , 2020, 21, 1552-1562.	7.0	167
9	A Molecular Basis for the Control of Preimmune Escape Variants by HIV-Specific CD8 <sup>+</sup> T Cells. <i>Immunity</i> , 2013, 38, 425-436.	6.6	149
10	A Recombinant Modified Vaccinia Ankara Vaccine Encoding Epstein-Barr Virus (EBV) Target Antigens: A Phase I Trial in UK Patients with EBV-Positive Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 5009-5022.	3.2	139
11	Protein kinase inhibitors substantially improve the physical detection of T-cells with peptide-MHC tetramers. <i>Journal of Immunological Methods</i> , 2009, 340, 11-24.	0.6	134
12	Role of naive-derived T memory stem cells in T-cell reconstitution following allogeneic transplantation. <i>Blood</i> , 2015, 125, 2855-2864.	0.6	132
13	Memory CD4 <sup>+</sup> T cells are generated in the human fetal intestine. <i>Nature Immunology</i> , 2019, 20, 301-312.	7.0	132
14	T cell receptor binding affinity governs the functional profile of cancer-specific CD8 <sup>+</sup> T cells. <i>Clinical and Experimental Immunology</i> , 2015, 180, 255-270.	1.1	130
15	Chronic Inflammation Permanently Reshapes Tissue-Resident Immunity in Celiac Disease. <i>Cell</i> , 2019, 176, 967-981.e19.	13.5	126
16	TCR $\beta$ -Chain Sharing in Human CD8 <sup>+</sup> T Cell Responses to Cytomegalovirus and EBV. <i>Journal of Immunology</i> , 2008, 181, 7853-7862.	0.4	124
17	Analysis of the T-Cell Receptor Repertoires of Tumor-Infiltrating Conventional and Regulatory T Cells Reveals No Evidence for Conversion in Carcinogen-Induced Tumors. <i>Cancer Research</i> , 2011, 71, 736-746.	0.4	112
18	Modification of MHC Anchor Residues Generates Heteroclitic Peptides That Alter TCR Binding and T Cell Recognition. <i>Journal of Immunology</i> , 2010, 185, 2600-2610.	0.4	111

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19	A T Cell-Inducing Influenza Vaccine for the Elderly: Safety and Immunogenicity of MVA-NP+M1 in Adults Aged over 50 Years. PLoS ONE, 2012, 7, e48322.	1.1	107
20	Highly prevalent colorectal cancer-infiltrating LAP+ Foxp3 <sup>hi</sup> T cells exhibit more potent immunosuppressive activity than Foxp3+ regulatory T cells. Mucosal Immunology, 2014, 7, 428-439.	2.7	107
21	T-Cell Trafficking Facilitated by High Endothelial Venules Is Required for Tumor Control after Regulatory T-Cell Depletion. Cancer Research, 2012, 72, 5473-5482.	0.4	97
22	Î2-Cell-Specific CD8 T Cell Phenotype in Type 1 Diabetes Reflects Chronic Autoantigen Exposure. Diabetes, 2015, 64, 916-925.	0.3	95
23	Expansion of highly differentiated CD8+ T-cells or NK-cells in patients treated with dasatinib is associated with cytomegalovirus reactivation. Leukemia, 2011, 25, 1587-1597.	3.3	87
24	Comparison of peptide-major histocompatibility complex tetramers and dextramers for the identification of antigen-specific T cells. Clinical and Experimental Immunology, 2014, 177, 47-63.	1.1	81
25	Epidermis instructs skin homing receptor expression in human T cells. Blood, 2012, 120, 4591-4598.	0.6	77
26	CD4+ T Follicular Helper Cells in Human Tonsils and Blood Are Clonally Convergent but Divergent from Non-Tfh CD4+ Cells. Cell Reports, 2020, 30, 137-152.e5.	2.9	74
27	The pentameric complex drives immunologically covert cell-to-cell transmission of wild-type human cytomegalovirus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6104-6109.	3.3	71
28	CCR8 Expression Defines Tissue-Resident Memory T Cells in Human Skin. Journal of Immunology, 2018, 200, 1639-1650.	0.4	71
29	Central Memory CD8+ T Cells Appear to Have a Shorter Lifespan and Reduced Abundance as a Function of HIV Disease Progression. Journal of Immunology, 2008, 180, 7907-7918.	0.4	67
30	Human Stem Cell-like Memory T Cells Are Maintained in a State of Dynamic Flux. Cell Reports, 2016, 17, 2811-2818.	2.9	67
31	Exploring the pre-immune landscape of antigen-specific T cells. Genome Medicine, 2018, 10, 68.	3.6	60
32	TRAV1-2+ CD8+ T-cells including oligoclonal expansions of MAIT cells are enriched in the airways in human tuberculosis. Communications Biology, 2019, 2, 203.	2.0	60
33	High avidity myeloid leukemia-associated antigen-specific CD8+ T cells preferentially reside in the bone marrow. Blood, 2009, 113, 2238-2244.	0.6	57
34	CD3Î¼-based chimeric antigen receptors mediate T cell activation via cis- and trans-signalling mechanisms: implications for optimization of receptor structure for adoptive cell therapy. Clinical and Experimental Immunology, 2014, 175, 258-267.	1.1	57
35	Mechanisms underlying Î3Î T-cell subset perturbations in SIV-infected Asian rhesus macaques. Blood, 2010, 116, 4148-4157.	0.6	52
36	T cell autoreactivity directed toward CD1c itself rather than toward carried self lipids. Nature Immunology, 2018, 19, 397-406.	7.0	52

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37	Determinants of Gliadin-Specific T Cell Selection in Celiac Disease. <i>Journal of Immunology</i> , 2015, 194, 6112-6122.	0.4	50
38	Techniques to improve the direct ex vivo detection of low frequency antigen-specific CD8 <sup>+</sup> T cells with peptide-major histocompatibility complex class I tetramers. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 1001-1009.	1.1	49
39	IL-10 Restricts Memory T Cell Inflation during Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2010, 185, 3583-3592.	0.4	49
40	Naive CD8 <sup>+</sup> T cell precursors display structured TCR repertoires and composite antigen-driven selection dynamics. <i>Immunology and Cell Biology</i> , 2015, 93, 625-633.	1.0	48
41	CD8 <sup>+</sup> TCR Bias and Immunodominance in HIV-1 Infection. <i>Journal of Immunology</i> , 2015, 194, 5329-5345.	0.4	48
42	Human TSCM cell dynamics in vivo are compatible with long-lived immunological memory and stemness. <i>PLoS Biology</i> , 2018, 16, e2005523.	2.6	46
43	Inhibitory killer cell immunoglobulin-like receptors strengthen CD8 <sup>+</sup> T cell-mediated control of HIV-1, HCV, and HTLV-1. <i>Science Immunology</i> , 2018, 3, .	5.6	43
44	T-cell Receptor-optimized Peptide Skewing of the T-cell Repertoire Can Enhance Antigen Targeting*. <i>Journal of Biological Chemistry</i> , 2012, 287, 37269-37281.	1.6	42
45	Persistent Survival of Prevalent Clonotypes within an Immunodominant HIV Gag-Specific CD8 <sup>+</sup> T Cell Response. <i>Journal of Immunology</i> , 2011, 186, 359-371.	0.4	40
46	Activation-Induced Killer Cell Immunoglobulin-Like Receptor 3DL2 Binding to HLA-B*27 Licenses Pathogenic T Cell Differentiation in Spondyloarthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 901-914.	2.9	40
47	Holoendemic Malaria Exposure Is Associated with Altered Epstein-Barr Virus-Specific CD8 <sup>+</sup> T-Cell Differentiation. <i>Journal of Virology</i> , 2013, 87, 1779-1788.	1.5	39
48	Primary EBV Infection Induces an Acute Wave of Activated Antigen-Specific Cytotoxic CD4 <sup>+</sup> T Cells. <i>Journal of Immunology</i> , 2019, 203, 1276-1287.	0.4	37
49	Modification of the carboxy-terminal flanking region of a universal influenza epitope alters CD4 <sup>+</sup> T-cell repertoire selection. <i>Nature Communications</i> , 2012, 3, 665.	5.8	36
50	Germline bias dictates cross-serotype reactivity in a common dengue-virus-specific CD8 <sup>+</sup> T cell response. <i>Nature Immunology</i> , 2017, 18, 1228-1237.	7.0	36
51	CD8 <sup>+</sup> TCR Repertoire Formation Is Guided Primarily by the Peptide Component of the Antigenic Complex. <i>Journal of Immunology</i> , 2013, 190, 931-939.	0.4	35
52	Clonality of HTLV-2 in Natural Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004006.	2.1	35
53	Anti-CD8 Antibodies Can Trigger CD8 <sup>+</sup> T Cell Effector Function in the Absence of TCR Engagement and Improve Peptide-MHCI Tetramer Staining. <i>Journal of Immunology</i> , 2011, 187, 654-663.	0.4	34
54	SARS-CoV-2 host-shutoff impacts innate NK cell functions, but antibody-dependent NK activity is strongly activated through non-spike antibodies. <i>ELife</i> , 2022, 11, .	2.8	34

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55	IL-33 Augments Virus-Specific Memory T Cell Inflation and Potentiates the Efficacy of an Attenuated Cytomegalovirus-Based Vaccine. <i>Journal of Immunology</i> , 2019, 202, 943-955.	0.4	33
56	A population of proinflammatory T cells coexpresses $\alpha\beta$ and $\gamma\delta$ T cell receptors in mice and humans. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	33
57	Enhanced Induction of HIV-specific Cytotoxic T Lymphocytes by Dendritic Cell-targeted Delivery of SOCS-1 siRNA. <i>Molecular Therapy</i> , 2010, 18, 2028-2037.	3.7	31
58	HIV-1-Specific CD8 T Cells Exhibit Limited Cross-Reactivity during Acute Infection. <i>Journal of Immunology</i> , 2016, 196, 3276-3286.	0.4	31
59	IP-10-encoding plasmid DNA therapy exhibits anti-tumor and anti-metastatic efficiency. <i>Experimental Dermatology</i> , 2004, 13, 380-390.	1.4	30
60	Immune activation suppresses initiation of lytic Epstein-Barr virus infection. <i>Cellular Microbiology</i> , 2007, 9, 2055-2069.	1.1	30
61	Lipoprotein-apheresis reduces circulating microparticles in individuals with familial hypercholesterolemia. <i>Journal of Lipid Research</i> , 2014, 55, 2064-2072.	2.0	30
62	Young women with polycystic ovary syndrome have raised levels of circulating annexin V-positive platelet microparticles. <i>Human Reproduction</i> , 2014, 29, 2756-2763.	0.4	27
63	Peptide mimic for influenza vaccination using nonnatural combinatorial chemistry. <i>Journal of Clinical Investigation</i> , 2018, 128, 1569-1580.	3.9	27
64	MHC Class I Molecules with Superenhanced CD8 Binding Properties Bypass the Requirement for Cognate TCR Recognition and Nonspecifically Activate CTLs. <i>Journal of Immunology</i> , 2010, 184, 3357-3366.	0.4	26
65	Human CLEC9A antibodies deliver Wilms' tumor 1 (WT1) antigen to CD141 <sup>+</sup> dendritic cells to activate naïve and memory WT1-specific CD8 <sup>+</sup> T cells. <i>Clinical and Translational Immunology</i> , 2020, 9, e1141.	1.7	26
66	Cellular-Level Versus Receptor-Level Response Threshold Hierarchies in T-Cell Activation. <i>Frontiers in Immunology</i> , 2013, 4, 250.	2.2	24
67	Complex T-Cell Receptor Repertoire Dynamics Underlie the CD8 <sup>+</sup> T-Cell Response to HIV-1. <i>Journal of Virology</i> , 2015, 89, 110-119.	1.5	23
68	Combinatorial detection of autoreactive CD8 <sup>+</sup> T cells with HLA-A2 multimers: a multi-centre study by the Immunology of Diabetes Society T Cell Workshop. <i>Diabetologia</i> , 2018, 61, 658-670.	2.9	22
69	Stochastic Expansions Maintain the Clonal Stability of CD8 <sup>+</sup> T Cell Populations Undergoing Memory Inflation Driven by Murine Cytomegalovirus. <i>Journal of Immunology</i> , 2020, 204, 112-121.	0.4	21
70	A T Cell Receptor Locus Harbors a Malaria-Specific Immune Response Gene. <i>Immunity</i> , 2017, 47, 835-847.e4.	6.6	20
71	T cell phenotypes in COVID-19 - a living review. <i>Oxford Open Immunology</i> , 2021, 2, iqaa007.	1.2	19
72	Purity of transferred CD8 <sup>+</sup> T cells is crucial for safety and efficacy of combinatorial tumor immunotherapy in the absence of SHP-1. <i>Immunology and Cell Biology</i> , 2016, 94, 802-808.	1.0	18

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73	CD57+ Memory T Cells Proliferate In Vivo. Cell Reports, 2020, 33, 108501.	2.9	18
74	Slow progressors to type 1 diabetes lose islet autoantibodies over time, have few islet antigen-specific CD8+ T cells and exhibit a distinct CD95hi B cell phenotype. Diabetologia, 2020, 63, 1174-1185.	2.9	18
75	Human tonsillar tissue block cultures differ from autologous tonsillar cell suspension cultures in lymphocyte subset activation and cytokine gene expression. Journal of Immunological Methods, 2004, 289, 179-190.	0.6	17
76	Programmed death-1 expression on HIV-1-specific CD8+ T cells is shaped by epitope specificity, T-cell receptor clonotype usage and antigen load. Aids, 2014, 28, 2007-2021.	1.0	17
77	Polypropylene Sulfide Nanoparticle p24 Vaccine Promotes Dendritic Cell-Mediated Specific Immune Responses against HIV-1. Journal of Investigative Dermatology, 2016, 136, 1172-1181.	0.3	17
78	Monoclonal antibodies targeting nonstructural viral antigens can activate ADCC against human cytomegalovirus. Journal of Clinical Investigation, 2021, 131, .	3.9	17
79	Large Granular Lymphocyte (LGL) Expansions Comprising Oligoclonal T Cell or NK Cell Populations in Dasatinib Treated Patients Are Associated with HLA-A*0201, CMV Reactivation and Enhanced Anti-Leukemic Control. Blood, 2009, 114, 1123-1123.	0.6	17
80	The MAIT TCR $\beta$ chain contributes to discrimination of microbial ligand. Immunology and Cell Biology, 2020, 98, 770-781.	1.0	16
81	Eliminating roles for T-bet and IL-2 but revealing superior activation and proliferation as mechanisms underpinning dominance of regulatory T cells in tumors. Oncotarget, 2015, 6, 24649-24659.	0.8	16
82	CD8 + T cell specificity is compromised at a defined MHC I/CD8 affinity threshold. Immunology and Cell Biology, 2017, 95, 68-76.	1.0	14
83	Mucosal immune responses in COVID19 - a living review. Oxford Open Immunology, 2021, 2, iqab002.	1.2	14
84	SIV-specific CD8+ T cells are clonotypically distinct across lymphoid and mucosal tissues. Journal of Clinical Investigation, 2020, 130, 789-798.	3.9	13
85	Functionally specialized human CD4+ T-cell subsets express physicochemically distinct TCRs. ELife, 2020, 9, .	2.8	13
86	Early gene expression changes by Epstein-Barr virus infection of B cells indicate CDKs and survivin as therapeutic targets for post-transplant lymphoproliferative diseases. International Journal of Cancer, 2013, 133, 2341-2350.	2.3	12
87	Enhanced Detection of Antigen-Specific CD4+ T Cells Using Altered Peptide Flanking Residue Peptide-MHC Class II Multimers. Journal of Immunology, 2015, 195, 5827-5836.	0.4	12
88	Loss of CXCR3 expression on memory B cells in individuals with long-standing type 1 diabetes. Diabetologia, 2018, 61, 1794-1803.	2.9	12
89	ADAM17-dependent proteolysis of L-selectin promotes early clonal expansion of cytotoxic T cells. Scientific Reports, 2019, 9, 5487.	1.6	12
90	The link between CD8+ T-cell antigen-sensitivity and HIV-suppressive capacity depends on HLA restriction, target epitope and viral isolate. Aids, 2014, 28, 477-486.	1.0	10

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91	Proinsulin Expression Shapes the TCR Repertoire but Fails to Control the Development of Low-Avidity Insulin-Reactive CD8+ T Cells. <i>Diabetes</i> , 2016, 65, 1679-1689.	0.3	9
92	Dendritic Cells Promote the Spread of Human T-Cell Leukemia Virus Type 1 via Bidirectional Interactions with CD4+ T Cells. <i>Journal of Investigative Dermatology</i> , 2019, 139, 157-166.	0.3	9
93	Progression of carcinogen-induced fibrosarcomas is associated with the accumulation of naïve CD4+ T cells via blood vessels and lymphatics. <i>International Journal of Cancer</i> , 2014, 134, 2156-2167.	2.3	7
94	CD8 coreceptor-mediated focusing can reorder the agonist hierarchy of peptide ligands recognized via the T cell receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	6
95	WT1-Targeted Dendritic Cell Vaccination as A Post-Remission Treatment to Prevent Full Relapse In Acute Myeloid Leukemia. <i>Blood</i> , 2010, 116, 16-16.	0.6	6
96	Preexisting memory CD4+ T cells contribute to the primary response in an HIV-1 vaccine trial. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	6
97	A combination of plasmid DNAs encoding murine fetal liver kinase 1 extracellular domain, murine interleukin-12, and murine interferon- $\gamma$ inducible protein-10 leads to tumor regression and survival in melanoma-bearing mice. <i>Journal of Molecular Medicine</i> , 2003, 81, 271-278.	1.7	5
98	Abstract 3525: IMCgp100: A novel bi-specific biologic for the treatment of malignant melanoma. <i>Cancer Research</i> , 2012, 72, 3525-3525.	0.4	4
99	Avidity of influenza-specific memory CD8 <sup>+</sup> T cell populations decays over time compromising antiviral immunity. <i>European Journal of Immunology</i> , 2012, 42, 3235-3242.	1.6	3
100	Continuous Antigenic Stimulation of DO11.10 TCR Transgenic Mice in the Presence or Absence of IL-1 $\beta$ : Possible Implications for Mechanisms of T Cell Depletion in HIV Disease. <i>Journal of Immunology</i> , 2015, 195, 4096-4105.	0.4	3
101	Synthetic Peptides with Inadvertent Chemical Modifications Can Activate Potentially Autoreactive T Cells. <i>Journal of Immunology</i> , 2021, 207, 1009-1017.	0.4	3
102	Violation of the 12/23 rule of genomic V(D)J recombination is common in lymphocytes. <i>Genome Research</i> , 2015, 25, 226-234.	2.4	2
103	Divergent roles for antigenic drive in the aetiology of primary versus dasatinib-associated CD8+ TCR-V $\beta$ 2+ expansions. <i>Scientific Reports</i> , 2018, 8, 2534.	1.6	2
104	Rituximab depletion of intrahepatic B cells to control refractory hepatic autoimmune overlap syndrome. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2019, 112, 793-795.	0.2	2
105	Clonality of HTLV-2 in natural infection. <i>Retrovirology</i> , 2014, 11, .	0.9	1
106	Cytomegalovirus Infection Is Associated with Expansions of CD8 T Cells and Highly Oligoclonal Vdelta1 Gamma/Delta T Cells in Patients Treated with Dasatinib for Chronic Myelogenous Leukaemia. <i>Blood</i> , 2014, 124, 1814-1814.	0.6	1
107	Epitope length variants balance protective immune responses and viral escape in HIV-1 infection. <i>Cell Reports</i> , 2022, 38, 110449.	2.9	1
108	Correction: Central Memory CD8+ T Cells Appear to Have a Shorter Lifespan and Reduced Abundance as a Function of HIV Disease Progression. <i>Journal of Immunology</i> , 2012, 189, 5089-5089.	0.4	0

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109	CSF IMMUNOPHENOTYPING IN PATIENTS WITH NEUROINFLAMMATORY DISEASE. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, e4.76-e4.	0.9	0
110	THU-001-Identifying intrahepatic lymphocyte permutations in active untreated, resistant and treated autoimmune hepatitis. Journal of Hepatology, 2019, 70, e161.	1.8	0
111	Abstract 1787: ImmTACs: Bi-functional reagents for redirected tumour cell killing. , 2011, , .		0
112	Young women with polycystic ovary syndrome have increased concentrations of circulating annexin V-positive microparticles derived predominantly from platelets. Endocrine Abstracts, 0, , .	0.0	0
113	TCR-Identical CD8+ T-Cells Can Have Distinct Killing Efficacy Determined By Events Beyond the T-Cell Receptor. Blood, 2017, 130, 692-692.	0.6	0
114	Abstract B007: Identification of prostate cancer stem cell antigens for T-cell immunotherapy by HLA ligandome analysis. , 2019, , .		0