

Linda Wooldridge

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

2,852
citations

27
h-index

53
g-index

54
ext. papers

3,339
ext. citations

6.5
avg, IF

4.03
L-index

#	Paper	IF	Citations
51	Avidity for antigen shapes clonal dominance in CD8+ T cell populations specific for persistent DNA viruses. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1349-61	16.6	315
50	A single autoimmune T cell receptor recognizes more than a million different peptides. <i>Journal of Biological Chemistry</i> , 2012 , 287, 1168-77	5.4	279
49	Structural and kinetic basis for heightened immunogenicity of T cell vaccines. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1243-55	16.6	202
48	Different T cell receptor affinity thresholds and CD8 coreceptor dependence govern cytotoxic T lymphocyte activation and tetramer binding properties. <i>Journal of Biological Chemistry</i> , 2007 , 282, 23799-810	5.4	159
47	Tricks with tetramers: how to get the most from multimeric peptide-MHC. <i>Immunology</i> , 2009 , 126, 147-648	6.8	131
46	Structural basis for the killing of human beta cells by CD8(+) T cells in type 1 diabetes. <i>Nature Immunology</i> , 2012 , 13, 283-9	19.1	126
45	Interaction between the CD8 coreceptor and major histocompatibility complex class I stabilizes T cell receptor-antigen complexes at the cell surface. <i>Journal of Biological Chemistry</i> , 2005 , 280, 27491-501	5.4	126
44	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	2.5	119
43	Profound inhibition of antigen-specific T-cell effector functions by dasatinib. <i>Clinical Cancer Research</i> , 2008 , 14, 2484-91	12.9	112
42	Modification of MHC anchor residues generates heteroclitic peptides that alter TCR binding and T cell recognition. <i>Journal of Immunology</i> , 2010 , 185, 2600-10	5.3	95
41	Escape from highly effective public CD8+ T-cell clonotypes by HIV. <i>Blood</i> , 2011 , 118, 2138-49	2.2	90
40	Hotspot autoimmune T cell receptor binding underlies pathogen and insulin peptide cross-reactivity. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2191-204	15.9	77
39	Peptide length determines the outcome of TCR/peptide-MHCI engagement. <i>Blood</i> , 2013 , 121, 1112-23	2.2	76
38	The CD8 T cell coreceptor exhibits disproportionate biological activity at extremely low binding affinities. <i>Journal of Biological Chemistry</i> , 2003 , 278, 24285-93	5.4	76
37	High avidity antigen-specific CTL identified by CD8-independent tetramer staining. <i>Journal of Immunology</i> , 2003 , 171, 5116-23	5.3	73
36	Genetic and structural basis for selection of a ubiquitous T cell receptor deployed in Epstein-Barr virus infection. <i>PLoS Pathogens</i> , 2010 , 6, e1001198	7.6	70
35	CD8 controls T cell cross-reactivity. <i>Journal of Immunology</i> , 2010 , 185, 4625-32	5.3	57

34	Enhanced immunogenicity of CTL antigens through mutation of the CD8 binding MHC class I invariant region. <i>European Journal of Immunology</i> , 2007 , 37, 1323-33	6.1	54
33	Human β cell killing by autoreactive preproinsulin-specific CD8 T cells is predominantly granule-mediated with the potency dependent upon T-cell receptor avidity. <i>Diabetes</i> , 2013 , 62, 205-13	0.9	43
32	Anti-CD8 antibodies can inhibit or enhance peptide-MHC class I (pMHCI) multimer binding: this is paralleled by their effects on CTL activation and occurs in the absence of an interaction between pMHCI and CD8 on the cell surface. <i>Journal of Immunology</i> , 2003 , 171, 6650-60	5.3	43
31	Techniques to improve the direct ex vivo detection of low frequency antigen-specific CD8+ 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 , 73, 1001-9	4.6	41
30	The molecular determinants of CD8 co-receptor function. <i>Immunology</i> , 2012 , 137, 139-48	7.8	36
29	T-cell receptor-optimized peptide skewing of the T-cell repertoire can enhance antigen targeting. <i>Journal of Biological Chemistry</i> , 2012 , 287, 37269-81	5.4	36
28	Naive CD8+ T-cell precursors display structured TCR repertoires and composite antigen-driven selection dynamics. <i>Immunology and Cell Biology</i> , 2015 , 93, 625-33	5	32
27	Ca ²⁺ release from the endoplasmic reticulum of NY-ESO-1-specific T cells is modulated by the affinity of TCR and by the use of the CD8 coreceptor. <i>Journal of Immunology</i> , 2010 , 184, 1829-1839	5.3	31
26	Detection of low avidity CD8(+) T cell populations with coreceptor-enhanced peptide-major histocompatibility complex class I tetramers. <i>Journal of Immunological Methods</i> , 2008 , 338, 31-9	2.5	30
25	Coreceptor CD8-driven modulation of T cell antigen receptor specificity. <i>Journal of Theoretical Biology</i> , 2007 , 249, 395-408	2.3	30
24	Anti-CD8 antibodies can trigger CD8+ T cell effector function in the absence of TCR engagement and improve peptide-MHCI tetramer staining. <i>Journal of Immunology</i> , 2011 , 187, 654-63	5.3	26
23	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, 3357-66	5.3	22
22	Cellular-level versus receptor-level response threshold hierarchies in T-cell activation. <i>Frontiers in Immunology</i> , 2013 , 4, 250	8.4	21
21	The nucleocapsid protein of Rift Valley fever virus is a potent human CD8+ T cell antigen and elicits memory responses. <i>PLoS ONE</i> , 2013 , 8, e59210	3.7	21
20	Functional and biophysical characterization of an HLA-A*6801-restricted HIV-specific T cell receptor. <i>European Journal of Immunology</i> , 2007 , 37, 479-86	6.1	20
19	Anti-coreceptor antibodies profoundly affect staining with peptide-MHC class I and class II tetramers. <i>European Journal of Immunology</i> , 2006 , 36, 1847-55	6.1	20
18	Preclinical Strategies to Identify Off-Target Toxicity of High-Affinity TCRs. <i>Molecular Therapy</i> , 2018 , 26, 1206-1214	11.7	19
17	Lack of Heterologous Cross-reactivity toward HLA-A*02:01 Restricted Viral Epitopes Is Underpinned by Distinct β Cell Receptor Signatures. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24335-24351	5.4	17

16	The multiple roles of the CD8 coreceptor in T cell biology: opportunities for the selective modulation of self-reactive cytotoxic T cells. <i>Journal of Leukocyte Biology</i> , 2011 , 90, 1089-99	6.5	17
15	Structural Mechanism Underpinning Cross-reactivity of a CD8+ T-cell Clone That Recognizes a Peptide Derived from Human Telomerase Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2017 , 292, 802-813	5.4	16
14	Targeted suppression of autoreactive CD8 T-cell activation using blocking anti-CD8 antibodies. <i>Scientific Reports</i> , 2016 , 6, 35332	4.9	15
13	Identification of human viral protein-derived ligands recognized by individual MHCI-restricted T-cell receptors. <i>Immunology and Cell Biology</i> , 2016 , 94, 573-82	5	15
12	Epitope specificity delimits the functional capabilities of vaccine-induced CD8 T cell populations. <i>Journal of Immunology</i> , 2014 , 193, 5626-36	5.3	7
11	CD8 T-cell specificity is compromised at a defined MHCI/CD8 affinity threshold. <i>Immunology and Cell Biology</i> , 2017 , 95, 68-76	5	7
10	Co-Receptor CD8-Mediated Modulation of T-Cell Receptor Functional Sensitivity and Epitope Recognition Degeneracy. <i>Frontiers in Immunology</i> , 2013 , 4, 329	8.4	7
9	Individual MHCI-Restricted T-Cell Receptors are Characterized by a Unique Peptide Recognition Signature. <i>Frontiers in Immunology</i> , 2013 , 4, 199	8.4	7
8	GPU-Accelerated Discovery of Pathogen-Derived Molecular Mimics of a T-Cell Insulin Epitope. <i>Frontiers in Immunology</i> , 2020 , 11, 296	8.4	6
7	Young infants exhibit robust functional antibody responses and restrained IFN- γ production to SARS-CoV-2. <i>Cell Reports Medicine</i> , 2021 , 2, 100327	18	6
6	Avidity of influenza-specific memory CD8+ T-cell populations decays over time compromising antiviral immunity. <i>European Journal of Immunology</i> , 2012 , 42, 3235-42	6.1	3
5	Divergent roles for antigenic drive in the aetiology of primary versus dasatinib-associated CD8 TCR-V β expansions. <i>Scientific Reports</i> , 2018 , 8, 2534	4.9	2
4	ELISPOT and functional T cell analyses using HLA mono-specific target cells. <i>Journal of Immunological Methods</i> , 2009 , 350, 150-60	2.5	2
3	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,	11.5	2
2	Clinical research: developing an appropriate career structure. <i>Veterinary Record</i> , 2015 , 177, 544-7	0.9	
1	Synthetic Peptides with Inadvertent Chemical Modifications Can Activate Potentially Autoreactive T Cells. <i>Journal of Immunology</i> , 2021 , 207, 1009-1017	5.3	