

Linda Wooldridge

List of Publications by Year in descending order

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51
papers

3,562
citations

186265

28
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

4767
citing authors

#	ARTICLE	IF	CITATIONS
1	A Single Autoimmune T Cell Receptor Recognizes More Than a Million Different Peptides. <i>Journal of Biological Chemistry</i> , 2012, 287, 1168-1177.	3.4	374
2	Avidity for antigen shapes clonal dominance in CD8+ T cell populations specific for persistent DNA viruses. <i>Journal of Experimental Medicine</i> , 2005, 202, 1349-1361.	8.5	360
3	Structural and kinetic basis for heightened immunogenicity of T cell vaccines. <i>Journal of Experimental Medicine</i> , 2005, 201, 1243-1255.	8.5	248
4	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, 23799-23810.	3.4	198
5	Tricks with tetramers: how to get the most from multimeric peptide-MHC. <i>Immunology</i> , 2009, 126, 147-164.	4.4	162
6	Structural basis for the killing of human beta cells by CD8+ T cells in type 1 diabetes. <i>Nature Immunology</i> , 2012, 13, 283-289.	14.5	151
7	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, 27491-27501.	3.4	150
8	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.	1.4	134
9	Profound Inhibition of Antigen-Specific T-Cell Effector Functions by Dasatinib. <i>Clinical Cancer Research</i> , 2008, 14, 2484-2491.	7.0	131
10	Hotspot autoimmune T cell receptor binding underlies pathogen and insulin peptide cross-reactivity. <i>Journal of Clinical Investigation</i> , 2016, 126, 2191-2204.	8.2	113
11	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.	0.8	111
12	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.	4.7	110
13	Escape from highly effective public CD8+ T-cell clonotypes by HIV. <i>Blood</i> , 2011, 118, 2138-2149.	1.4	103
14	Peptide length determines the outcome of TCR/peptide-MHCI engagement. <i>Blood</i> , 2013, 121, 1112-1123.	1.4	89
15	High Avidity Antigen-Specific CTL Identified by CD8-Independent Tetramer Staining. <i>Journal of Immunology</i> , 2003, 171, 5116-5123.	0.8	85
16	The CD8 T Cell Coreceptor Exhibits Disproportionate Biological Activity at Extremely Low Binding Affinities. <i>Journal of Biological Chemistry</i> , 2003, 278, 24285-24293.	3.4	84
17	CD8 Controls T Cell Cross-Reactivity. <i>Journal of Immunology</i> , 2010, 185, 4625-4632.	0.8	75
18	Enhanced immunogenicity of CTL antigens through mutation of the CD8 binding MHC class II invariant region. <i>European Journal of Immunology</i> , 2007, 37, 1323-1333.	2.9	60

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19	Human \hat{I}^2 -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, 205-213.	0.6	53
20	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, 6650-6660.	0.8	51
21	The molecular determinants of $\langle \text{CD} \rangle_8$ coreceptor function. <i>Immunology</i> , 2012, 137, 139-148.	4.4	51
22	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, 73A, 1001-1009.	1.5	49
23	Naive CD8 ⁺ T cell precursors display structured TCR repertoires and composite antigen-driven selection dynamics. <i>Immunology and Cell Biology</i> , 2015, 93, 625-633.	2.3	48
24	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.	3.4	42
25	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.	0.8	36
26	Coreceptor CD8-driven modulation of T cell antigen receptor specificity. <i>Journal of Theoretical Biology</i> , 2007, 249, 395-408.	1.7	35
27	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, 654-663.	0.8	34
28	Preclinical Strategies to Identify Off-Target Toxicity of High-Affinity TCRs. <i>Molecular Therapy</i> , 2018, 26, 1206-1214.	8.2	33
29	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, 31-39.	1.4	32
30	Young infants exhibit robust functional antibody responses and restrained IFN- \hat{I}^3 production to SARS-CoV-2. <i>Cell Reports Medicine</i> , 2021, 2, 100327.	6.5	29
31	Targeted suppression of autoreactive CD8+ T-cell activation using blocking anti-CD8 antibodies. <i>Scientific Reports</i> , 2016, 6, 35332.	3.3	27
32	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.	2.5	27
33	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.	0.8	26
34	Identification of human viral protein-derived ligands recognized by individual MHCI-restricted T cell receptors. <i>Immunology and Cell Biology</i> , 2016, 94, 573-582.	2.3	25
35	Cellular-Level Versus Receptor-Level Response Threshold Hierarchies in T-Cell Activation. <i>Frontiers in Immunology</i> , 2013, 4, 250.	4.8	24
36	Lack of Heterologous Cross-reactivity toward HLA-A*02:01 Restricted Viral Epitopes Is Underpinned by Distinct \hat{I}^2 T Cell Receptor Signatures. <i>Journal of Biological Chemistry</i> , 2016, 291, 24335-24351.	3.4	23

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37	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.	3.4	23
38	Anti-coreceptor antibodies profoundly affect staining with peptide-MHC class I and class II tetramers. <i>European Journal of Immunology</i> , 2006, 36, 1847-1855.	2.9	22
39	Functional and biophysical characterization of an HLA-A*6801-restricted HIV-specific T cell receptor. <i>European Journal of Immunology</i> , 2007, 37, 479-486.	2.9	21
40	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, 1089-1099.	3.3	20
41	CD8 + T cell specificity is compromised at a defined MHCI/CD8 affinity threshold. <i>Immunology and Cell Biology</i> , 2017, 95, 68-76.	2.3	14
42	GPU-Accelerated Discovery of Pathogen-Derived Molecular Mimics of a T-Cell Insulin Epitope. <i>Frontiers in Immunology</i> , 2020, 11, 296.	4.8	10
43	Co-Receptor CD8-Mediated Modulation of T-Cell Receptor Functional Sensitivity and Epitope Recognition Degeneracy. <i>Frontiers in Immunology</i> , 2013, 4, 329.	4.8	8
44	Individual MHCI-Restricted T-Cell Receptors are Characterized by a Unique Peptide Recognition Signature. <i>Frontiers in Immunology</i> , 2013, 4, 199.	4.8	8
45	Epitope Specificity Delimits the Functional Capabilities of Vaccine-Induced CD8 T Cell Populations. <i>Journal of Immunology</i> , 2014, 193, 5626-5636.	0.8	7
46	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, .	7.1	6
47	Avidity of influenza-specific memory CD8 ⁺ T cell populations decays over time compromising antiviral immunity. <i>European Journal of Immunology</i> , 2012, 42, 3235-3242.	2.9	3
48	Synthetic Peptides with Inadvertent Chemical Modifications Can Activate Potentially Autoreactive T Cells. <i>Journal of Immunology</i> , 2021, 207, 1009-1017.	0.8	3
49	ELISPOT and functional T cell analyses using HLA mono-specific target cells. <i>Journal of Immunological Methods</i> , 2009, 350, 150-160.	1.4	2
50	Divergent roles for antigenic drive in the aetiology of primary versus dasatinib-associated CD8+ TCR-VI ² + expansions. <i>Scientific Reports</i> , 2018, 8, 2534.	3.3	2
51	Clinical research: developing an appropriate career structure. <i>Veterinary Record</i> , 2015, 177, 544-547.	0.3	0