Dirk H Busch

List of Publications by Year in Descending Order

143 papers	6,507 citations	37 h-index	79 g-index
158 ext. papers	8,190 ext. citations	9.3 avg, IF	5.49 L-index

#	Paper	IF	Citations
143	Genome-wide off-target analyses of CRISPR/Cas9-mediated T-cell receptor engineering in primary human T cells.. *Clinical and Translational Immunology*, **2022**, 11, e1372	6.8	1
142	Orthotopic T-cell receptor replacement in primary human T cells using CRISPR-Cas9-mediated homology-directed repair.. *STAR Protocols*, **2022**, 3, 101031	1.4	0
141	Next generation automated traceless cell chromatography platform for GMP-compliant cell isolation and activation.. *Scientific Reports*, **2022**, 12, 6572	4.9	0
140	ChipCytometry for multiplexed detection of protein and mRNA markers on human FFPE tissue samples.. *STAR Protocols*, **2022**, 3, 101374	1.4	0
139	CMV seropositivity is a potential novel risk factor for severe COVID-19 in non-geriatric patients. *PLoS ONE*, **2022**, 17, e0268530	3.7	2
138	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. *European Journal of Immunology*, **2021**, 51, 2708-3145	6.1	12
137	Recruitment of highly cytotoxic CD8 T cell receptors in mild SARS-CoV-2 infection.. *Cell Reports*, **2021**, 110214	10.6	1
136	Dexamethasone therapy and rates of secondary pulmonary and bloodstream infections in critically ill COVID-19 patients. *Multidisciplinary Respiratory Medicine*, **2021**, 16, 793	3	2
135	Multiplexed imaging and automated signal quantification in formalin-fixed paraffin-embedded tissues by ChipCytometry.. *Cell Reports Methods*, **2021**, 1, 100104		3
134	Formation and immunomodulatory function of meningeal B cell aggregates in progressive CNS autoimmunity. *Brain*, **2021**, 144, 1697-1710	11.2	1
133	A Single-Cell Perspective on Memory T-Cell Differentiation. *Cold Spring Harbor Perspectives in Biology*, **2021**, 13,	10.2	1
132	Protective T cell receptor identification for orthotopic reprogramming of immunity in refractory virus infections. *Molecular Therapy*, **2021**,	11.7	1
131	Skin and gut imprinted helper T cell subsets exhibit distinct functional phenotypes in central nervous system autoimmunity. *Nature Immunology*, **2021**, 22, 880-892	19.1	2
130	Augmenting anti-CD19 and anti-CD22 CAR T-cell function using PD-1-CD28 checkpoint fusion proteins. *Blood Cancer Journal*, **2021**, 11, 108	7	5
129	Memory CD8 T Cells Generated by Cytomegalovirus Vaccine Vector Expressing NKG2D Ligand Have Effector-Like Phenotype and Distinct Functional Features. *Frontiers in Immunology*, **2021**, 12, 681380	8.4	2
128	COVID-19 in Patients Receiving CD20-depleting Immunochemotherapy for B-cell Lymphoma. *HemaSphere*, **2021**, 5, e603	0.3	14
127	Single-cell RNA sequencing reveals ex vivo signatures of SARS-CoV-2-reactive T cells through 'reverse phenotyping'. *Nature Communications*, **2021**, 12, 4515	17.4	5

126	Rates of bacterial co-infections and antimicrobial use in COVID-19 patients: a retrospective cohort study in light of antibiotic stewardship. *European Journal of Clinical Microbiology and Infectious Diseases*, **2021**, 40, 859-869	5.3	55
125	Aspergillus fumigatus cholangitis in a patient with cholangiocarcinoma: case report and review of the literature. *Infection*, **2021**, 49, 159-164	5.8	
124	Mucosal-Associated Invariant T (MAIT) Cells Are Highly Activated and Functionally Impaired in COVID-19 Patients. *Viruses*, **2021**, 13,	6.2	12
123	Fate mapping of single NK cells identifies a type 1 innate lymphoid-like lineage that bridges innate and adaptive recognition of viral infection. *Immunity*, **2021**, 54, 2288-2304.e7	32.3	10
122	Clinical and microbiological features and outcomes of mucormycosis in critically ill patients. *International Journal of Infectious Diseases*, **2021**, 109, 142-147	10.5	3
121	Targeted T□cell receptor gene editing provides predictable T□cell product function for immunotherapy. *Cell Reports Medicine*, **2021**, 2, 100374	18	6
120	Functional analysis of peripheral and intratumoral neoantigen-specific TCRs identified in a patient with melanoma **2021**, 9,		3
119	() Pacemaker Infection. *Open Forum Infectious Diseases*, **2020**, 7, ofaa487	1	1
118	Needle in a Haystack: The Na□e Repertoire as a Source of T Cell Receptors for Adoptive Therapy with Engineered T Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
117	Endogenous TCR promotes in vivo persistence of CD19-CAR-T cells compared to a CRISPR/Cas9-mediated TCR knockout CAR. *Blood*, **2020**, 136, 1407-1418	2.2	39
116	Orthotopic T-Cell Receptor Replacement-An "Enabler" for TCR-Based Therapies. *Cells*, **2020**, 9,	7.9	9
115	Reverse TCR repertoire evolution toward dominant low-affinity clones during chronic CMV infection. *Nature Immunology*, **2020**, 21, 434-441	19.1	42
114	Physiological relevance of the neuronal isoform of inositol-1,4,5-trisphosphate 3-kinases in mice. *Neuroscience Letters*, **2020**, 735, 135206	3.3	1
113	MHC Class I-Restricted TCR-Transgenic CD4 T Cells Against STEAP1 Mediate Local Tumor Control of Ewing Sarcoma In Vivo. *Cells*, **2020**, 9,	7.9	3
112	Strongyloides stercoralis hyperinfection syndrome presenting as mechanical ileus after short-course oral steroids for chronic obstructive pulmonary disease (COPD) exacerbation. *Parasitology International*, **2020**, 76, 102087	2.1	6
111	An Evaluation of T-Cell Functionality After Flow Cytometry Sorting Revealed p38 MAPK Activation. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**, 97, 171-183	4.6	11
110	A diagnostic algorithm for detection of urinary tract infections in hospitalized patients with bacteriuria: The "Triple F" approach supported by Procalcitonin and paired blood and urine cultures. *PLoS ONE*, **2020**, 15, e0240981	3.7	1
109	Impact of acyclovir use on survival of patients with ventilator-associated pneumonia and high load herpes simplex virus replication. *Critical Care*, **2020**, 24, 12	10.8	22

108	Differential expansion of T central memory precursor and effector subsets is regulated by division speed. *Nature Communications*, **2020**, 11, 113	17.4	25
107	In-depth phenotyping reveals common and novel disease symptoms in a hemizygous knock-in mouse model (Mut-ko/ki) of mut-type methylmalonic aciduria. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2020**, 1866, 165622	6.9	4
106	Expamers: a new technology to control T cell activation. *Scientific Reports*, **2020**, 10, 17832	4.9	6
105	A T-cell reporter platform for high-throughput and reliable investigation of TCR function and biology. *Clinical and Translational Immunology*, **2020**, 9, e1216	6.8	3
104	Efficient Induction of Cytotoxic T Cells by Viral Vector Vaccination Requires STING-Dependent DC Functions. *Frontiers in Immunology*, **2020**, 11, 1458	8.4	3
103	Early emergence of T central memory precursors programs clonal dominance during chronic viral infection. *Nature Immunology*, **2020**, 21, 1563-1573	19.1	11
102	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. *Scientific Reports*, **2020**, 10, 18334	4.9	6
101	The CMV-Specific CD8 T Cell Response Is Dominated by Supra-Public Clonotypes with High Generation Probabilities. *Pathogens*, **2020**, 9,	4.5	1
100	Suspected penicillin allergy: risk assessment using an algorithm as an antibiotic stewardship project. *Allergo Journal International*, **2020**, 29, 174-180	1.5	1
99	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
98	Integrated IT Platform for Coordination of Diagnosis, Treatment, and Aftercare of Prosthetic Joint Infections. *In Vivo*, **2019**, 33, 1625-1633	2.3	0
97	T cell engineering for adoptive T cell therapy: safety and receptor avidity. *Cancer Immunology, Immunotherapy*, **2019**, 68, 1701-1712	7.4	18
96	Strategies for increasing diagnostic yield of community-onset bacteraemia within the emergency department: A retrospective study. *PLoS ONE*, **2019**, 14, e0222545	3.7	1
95	Targeted in-vitro-stimulation reveals highly proliferative multi-virus-specific human central memory T cells as candidates for prophylactic T cell therapy. *PLoS ONE*, **2019**, 14, e0223258	3.7	3
94	Key Features Relevant to Select Antigens and TCR From the MHC-Mismatched Repertoire to Treat Cancer. *Frontiers in Immunology*, **2019**, 10, 1485	8.4	6
93	Orthotopic replacement of T-cell receptor □and □chains with preservation of near-physiological T-cell function. *Nature Biomedical Engineering*, **2019**, 3, 974-984	19	54
92	Expression of the Phosphatase Ppef2 Controls Survival and Function of CD8 Dendritic Cells. *Frontiers in Immunology*, **2019**, 10, 222	8.4	2
91	Evaluation of a Fully Human, Hepatitis B Virus-Specific Chimeric Antigen Receptor in an Immunocompetent Mouse Model. *Molecular Therapy*, **2019**, 27, 947-959	11.7	27

90	Calcium-dependent blood-brain barrier breakdown by NOX5 limits postreperfusion benefit in stroke. *Journal of Clinical Investigation*, **2019**, 129, 1772-1778	15.9	34
89	FLEXamers: A Double Tag for Universal Generation of Versatile Peptide-MHC Multimers. *Journal of Immunology*, **2019**, 202, 2164-2171	5.3	11
88	Inventories of naive and tolerant mouse CD4 T cell repertoires reveal a hierarchy of deleted and diverted T cell receptors. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 18537-18543	11.5	12
87	Long-term in vivo microscopy of CAR T cell dynamics during eradication of CNS lymphoma in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 24275-24284	11.5	34
86	Antimicrobial resistance of bacteraemia in the emergency department of a German university hospital (2013-2018): potential carbapenem-sparing empiric treatment options in light of the new EUCAST recommendations. *BMC Infectious Diseases*, **2019**, 19, 1091	4	4
85	Back to the Future: Effector Fate during T Cell Exhaustion. *Immunity*, **2019**, 51, 970-972	32.3	5
84	Sequestration of Late Antigens Within Viral Factories Impairs MVA Vector-Induced Protective Memory CTL Responses. *Frontiers in Immunology*, **2019**, 10, 2850	8.4	2
83	A mouse model for intellectual disability caused by mutations in the X-linked 2'-O-methyltransferase Ftsj1 gene. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 2083-2093	6.9	12
82	An Open-Labeled Study on Fecal Microbiota Transfer in Irritable Bowel Syndrome Patients Reveals Improvement in Abdominal Pain Associated with the Relative Abundance of Akkermansia Muciniphila. *Digestion*, **2019**, 100, 127-138	3.6	23
81	Epigenetic alterations in longevity regulators, reduced life span, and exacerbated aging-related pathology in old father offspring mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E2348-E2357	11.5	65
80	Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. *Scientific Reports*, **2018**, 8, 5975	4.9	6
79	TCR repertoire evolution during maintenance of CMV-specific T-cell populations. *Immunological Reviews*, **2018**, 283, 113-128	11.3	20
78	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. *Behavioural Brain Research*, **2018**, 352, 187-196	3.4	12
77	Systematic identification of cancer-specific MHC-binding peptides with RAVEN. *OncoImmunology*, **2018**, 7, e1481558	7.2	11
76	Characterization and clinical enrichment of HLA-C*07:02-restricted Cytomegalovirus-specific CD8+ T cells. *PLoS ONE*, **2018**, 13, e0193554	3.7	7
75	Efficient immunoaffinity chromatography of lymphocytes directly from whole blood. *Scientific Reports*, **2018**, 8, 16731	4.9	9
74	Presentation of a Conserved Adenoviral Epitope on HLA-C*0702 Allows Evasion of Natural Killer but Not T Cell Responses. *Viral Immunology*, **2017**, 30, 149-156	1.7	8
73	Pappalysin-1 T cell receptor transgenic allo-restricted T cells kill Ewing sarcoma and. *OncoImmunology*, **2017**, 6, e1273301	7.2	16

72	Ewing sarcoma partial regression without GvHD by chondromodulin-I/HLA-A*02:01-specific allorestricted T cell receptor transgenic T cells. *OncoImmunology*, **2017**, 6, e1312239	7.2	10
71	Cytomegalovirus vector expressing RAE-1 induces enhanced anti-tumor capacity of murine CD8 T cells. *European Journal of Immunology*, **2017**, 47, 1354-1367	6.1	14
70	Primary Cytomegalovirus Infection in Seronegative Kidney Transplant Patients Is Associated with Protracted Cold Ischemic Time of Seropositive Donor Organs. *PLoS ONE*, **2017**, 12, e0171035	3.7	5
69	Minimally manipulated murine regulatory T cells purified by reversible Fab Multimers are potent suppressors for adoptive T-cell therapy. *European Journal of Immunology*, **2017**, 47, 2153-2162	6.1	10
68	Data on the effects of eIF6 downmodulation on the proportions of innate and adaptive immune system cell subpopulations and on thymocyte maturation. *Data in Brief*, **2017**, 14, 653-658	1.2	1
67	TCR Signal Quality Modulates Fate Decisions of Single CD4 T Cells in a Probabilistic Manner. *Cell Reports*, **2017**, 20, 806-818	10.6	29
66	High levels of eukaryotic Initiation Factor 6 (eIF6) are required for immune system homeostasis and for steering the glycolytic flux of TCR-stimulated CD4 T cells in both mice and humans. *Developmental and Comparative Immunology*, **2017**, 77, 69-76	3.2	9
65	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. *Nature Communications*, **2017**, 8, 155	17.4	60
64	Generation of high-avidity, WT1-reactive CD8+ cytotoxic T cell clones with anti-leukemic activity by streptamer technology. *Leukemia and Lymphoma*, **2017**, 58, 1246-1249	1.9	7
63	Flow cytometry-based TCR-ligand Koff -rate assay for fast avidity screening of even very small antigen-specific T cell populations ex vivo. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2016**, 89, 816-25	4.6	19
62	Direct identification of clinically relevant neoepitopes presented on native human melanoma tissue by mass spectrometry. *Nature Communications*, **2016**, 7, 13404	17.4	386
61	Protein-prime/modified vaccinia virus Ankara vector-boost vaccination overcomes tolerance in high-antigenemic HBV-transgenic mice. *Vaccine*, **2016**, 34, 923-32	4.1	31
60	T Cell Fate at the Single-Cell Level. *Annual Review of Immunology*, **2016**, 34, 65-92	34.7	92
59	Role of memory T cell subsets for adoptive immunotherapy. *Seminars in Immunology*, **2016**, 28, 28-34	10.7	129
58	Helicobacter pylori adhesin HopQ engages in a virulence-enhancing interaction with human CEACAMs. *Nature Microbiology*, **2016**, 2, 16189	26.6	137
57	Targeted antibody-mediated depletion of murine CD19 CAR T cells permanently reverses B cell aplasia. *Journal of Clinical Investigation*, **2016**, 126, 4262-4272	15.9	162
56	Generation and Standardized, Systemic Phenotypic Analysis of Pou3f3L423P Mutant Mice. *PLoS ONE*, **2016**, 11, e0150472	3.7	9
55	CIP2A Promotes T-Cell Activation and Immune Response to Listeria monocytogenes Infection. *PLoS ONE*, **2016**, 11, e0152996	3.7	12

54	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. *G3: Genes, Genomes, Genetics*, **2016**, 6, 4035-4046	3.2	7
53	Lysosome-associated membrane glycoprotein 1 predicts fratricide amongst T cell receptor transgenic CD8+ T cells directed against tumor-associated antigens. *Oncotarget*, **2016**, 7, 56584-56597	3.3	6
52	Human HLA-A*02:01/CHM1+ allo-restricted T cell receptor transgenic CD8+ T cells specifically inhibit Ewing sarcoma growth in vitro and in vivo. *Oncotarget*, **2016**, 7, 43267-43280	3.3	12
51	Murine cytomegalovirus (CMV) infection via the intranasal route offers a robust model of immunity upon mucosal CMV infection. *Journal of General Virology*, **2016**, 97, 185-195	4.9	22
50	Longitudinal Frequencies of Blood Leukocyte Subpopulations Differ between NOD and NOR Mice but Do Not Predict Diabetes in NOD Mice. *Journal of Diabetes Research*, **2016**, 2016, 4208156	3.9	5
49	CD8(+) T cells of Listeria monocytogenes-infected mice recognize both linear and spliced proteasome products. *European Journal of Immunology*, **2016**, 46, 1109-18	6.1	30
48	TIL 2.0: More effective and predictive T-cell products by enrichment for defined antigen specificities. *European Journal of Immunology*, **2016**, 46, 1335-9	6.1	6
47	Dual-Track Clearance of Circulating Bacteria Balances Rapid Restoration of Blood Sterility with Induction of Adaptive Immunity. *Cell Host and Microbe*, **2016**, 20, 36-48	23.4	75
46	Antigen-dependent competition shapes the local repertoire of tissue-resident memory CD8+ T cells. *Journal of Experimental Medicine*, **2016**, 213, 3075-3086	16.6	74
45	T cell-specific inactivation of mouse CD2 by CRISPR/Cas9. *Scientific Reports*, **2016**, 6, 21377	4.9	8
44	A synergistic combination: using RNAseq to decipher both T-cell receptor sequence and transcriptional profile of individual T cells. *Immunology and Cell Biology*, **2016**, 94, 529-30	5	4
43	Transgenic antigen-specific, HLA-A*02:01-allo-restricted cytotoxic T cells recognize tumor-associated target antigen STEAP1 with high specificity. *OncoImmunology*, **2016**, 5, e1175795	7.2	12
42	Preventing tumor escape by targeting a post-proteasomal trimming independent epitope. *Journal of Experimental Medicine*, **2016**, 213, 2333-2348	16.6	20
41	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. *Nature Genetics*, **2015**, 47, 969-978	36.3	106
40	Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. *Genome Research*, **2015**, 25, 1295-308	9.7	28
39	Functional classification of memory CD8(+) T cells by CX3CR1 expression. *Nature Communications*, **2015**, 6, 8306	17.4	142
38	Additive manufacturing of scaffolds with dexamethasone controlled release for enhanced bone regeneration. *International Journal of Pharmaceutics*, **2015**, 496, 541-50	6.5	45
37	CD8(+) T cell diversification by asymmetric cell division. *Nature Immunology*, **2015**, 16, 891-3	19.1	33

36	T Cells Engineered to Express a T-Cell Receptor Specific for Glypican-3 to Recognize and Kill Hepatoma Cells In Vitro and in Mice. *Gastroenterology*, **2015**, 149, 1042-52	13.3	67
35	Serial transfer of single-cell-derived immunocompetence reveals stemness of CD8(+) central memory T cells. *Immunity*, **2014**, 41, 116-26	32.3	203
34	Maternal immune response to helminth infection during pregnancy determines offspring susceptibility to allergic airway inflammation. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1271-1279.e10	11.5	42
33	Clinical-scale isolation of 'minimally manipulated' cytomegalovirus-specific donor lymphocytes for the treatment of refractory cytomegalovirus disease. *Cytotherapy*, **2014**, 16, 1245-56	4.8	44
32	Lowest numbers of primary CD8(+) T cells can reconstitute protective immunity upon adoptive immunotherapy. *Blood*, **2014**, 124, 628-37	2.2	77
31	Pleiotropic functions for transcription factor zscan10. *PLoS ONE*, **2014**, 9, e104568	3.7	12
30	CD4(+)and CD8(+)T-cell reactions against leukemia-associated- or minor-histocompatibility-antigens in AML-patients after allogeneic SCT. *Immunobiology*, **2014**, 219, 247-60	3.4	14
29	Disparate individual fates compose robust CD8+ T cell immunity. *Science*, **2013**, 340, 630-5	33.3	282
28	TCR-ligand koff rate correlates with the protective capacity of antigen-specific CD8+ T cells for adoptive transfer. *Science Translational Medicine*, **2013**, 5, 192ra87	17.5	69
27	Mixed functional characteristics correlating with TCR-ligand koff -rate of MHC-tetramer reactive T cells within the naive T-cell repertoire. *European Journal of Immunology*, **2013**, 43, 3038-50	6.1	20
26	High mobility group N proteins modulate the fidelity of the cellular transcriptional profile in a tissue- and variant-specific manner. *Journal of Biological Chemistry*, **2013**, 288, 16690-16703	5.4	26
25	MHC multimer-guided and cell culture-independent isolation of functional T cell receptors from single cells facilitates TCR identification for immunotherapy. *PLoS ONE*, **2013**, 8, e61384	3.7	33
24	Innovations in phenotyping of mouse models in the German Mouse Clinic. *Mammalian Genome*, **2012**, 23, 611-22	3.2	35
23	Novel serial positive enrichment technology enables clinical multiparameter cell sorting. *PLoS ONE*, **2012**, 7, e35798	3.7	50
22	CD8+ T cell differentiation in the aging immune system: until the last clone standing. *Current Opinion in Immunology*, **2011**, 23, 549-54	7.8	36
21	Mouse phenotyping. *Methods*, **2011**, 53, 120-35	4.6	103
20	A single TCR alpha-chain with dominant peptide recognition in the allorestricted HER2/neu-specific T cell repertoire. *Journal of Immunology*, **2010**, 184, 1617-29	5.3	23
19	Specific CD8 T cells in IgE-mediated allergy correlate with allergen dose and allergic phenotype. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 7-16	10.2	20

18	Transfer of Human T-Cell Receptors (TCR) Containing Murine Chimeric Constant Beta-Gamma-Chain Sequences Reduces the Risk of Mixed Heterodimers and Shows Enhanced in Vitro-Accumulation of TCR-Tranduced Effector Cells.. *Blood*, **2009**, 114, 3583-3583	2.2	
17	A single naive CD8+ T cell precursor can develop into diverse effector and memory subsets. *Immunity*, **2007**, 27, 985-97	32.3	243
16	Streptamer Technology for the Assessment of CMVpp65 Specific CD8+ T Cell Frequencies and for the Adoptive T Cell Transfer to Post-Transplant Patients.. *Blood*, **2007**, 110, 1964-1964	2.2	
15	Origin of CD8+ effector and memory T cell subsets. *Cellular and Molecular Immunology*, **2007**, 4, 399-405	15.4	28
14	Protective immunity towards intracellular pathogens. *Current Opinion in Immunology*, **2006**, 18, 458-64	7.8	35
13	Introducing the German Mouse Clinic: open access platform for standardized phenotyping. *Nature Methods*, **2005**, 2, 403-4	21.6	148
12	Selective expression of IL-7 receptor on memory T cells identifies early CD40L-dependent generation of distinct CD8+ memory T cell subsets. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 5610-5	11.5	378
11	T Cell-Based Vaccines **2004**, 89-111		
10	Reversible MHC multimer staining for functional isolation of T-cell populations and effective adoptive transfer. *Nature Medicine*, **2002**, 8, 631-7	50.5	180
9	Crystal structure of the murine NK cell-activating receptor NKG2D at 1.95 A. *Nature Immunology*, **2001**, 2, 248-54	19.1	75
8	H2-M3-restricted T cells in bacterial infection: rapid primary but diminished memory responses. *Journal of Experimental Medicine*, **1999**, 190, 195-204	16.6	110
7	T cell affinity maturation by selective expansion during infection. *Journal of Experimental Medicine*, **1999**, 189, 701-10	16.6	351
6	MHC class I restricted T cell responses to Listeria monocytogenes, an intracellular bacterial pathogen. *Immunologic Research*, **1999**, 19, 211-23	4.3	31
5	Processing of Listeria monocytogenes antigens and the in vivo T-cell response to bacterial infection. *Immunological Reviews*, **1999**, 172, 163-9	11.3	45
4	Coordinate regulation of complex T cell populations responding to bacterial infection. *Immunity*, **1998**, 8, 353-62	32.3	451
3	Evolution of a complex T cell receptor repertoire during primary and recall bacterial infection. *Journal of Experimental Medicine*, **1998**, 188, 61-70	16.6	178
2	MHC class I antigen processing of Listeria monocytogenes proteins: implications for dominant and subdominant CTL responses. *Immunological Reviews*, **1997**, 158, 129-36	11.3	105
1	Single-cell RNA sequencing reveals in vivo signatures of SARS-CoV-2-reactive T cells through □everse phenotyping□		2