

# Dirk H Busch

## List of Publications by Citations

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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	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , <b>2019</b> , 49, 1457-1973	6.1	485
142	Coordinate regulation of complex T cell populations responding to bacterial infection. <i>Immunity</i> , <b>1998</b> , 8, 353-62	32.3	451
141	Direct identification of clinically relevant neoepitopes presented on native human melanoma tissue by mass spectrometry. <i>Nature Communications</i> , <b>2016</b> , 7, 13404	17.4	386
140	Selective expression of IL-7 receptor on memory T cells identifies early CD40L-dependent generation of distinct CD8+ memory T cell subsets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 5610-5	11.5	378
139	T cell affinity maturation by selective expansion during infection. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 701-10	16.6	351
138	Disparate individual fates compose robust CD8+ T cell immunity. <i>Science</i> , <b>2013</b> , 340, 630-5	33.3	282
137	A single naive CD8+ T cell precursor can develop into diverse effector and memory subsets. <i>Immunity</i> , <b>2007</b> , 27, 985-97	32.3	243
136	Serial transfer of single-cell-derived immunocompetence reveals stemness of CD8(+) central memory T cells. <i>Immunity</i> , <b>2014</b> , 41, 116-26	32.3	203
135	Reversible MHC multimer staining for functional isolation of T-cell populations and effective adoptive transfer. <i>Nature Medicine</i> , <b>2002</b> , 8, 631-7	50.5	180
134	Evolution of a complex T cell receptor repertoire during primary and recall bacterial infection. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 61-70	16.6	178
133	Targeted antibody-mediated depletion of murine CD19 CAR T cells permanently reverses B cell aplasia. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 4262-4272	15.9	162
132	Introducing the German Mouse Clinic: open access platform for standardized phenotyping. <i>Nature Methods</i> , <b>2005</b> , 2, 403-4	21.6	148
131	Functional classification of memory CD8(+) T cells by CX3CR1 expression. <i>Nature Communications</i> , <b>2015</b> , 6, 8306	17.4	142
130	Helicobacter pylori adhesin HopQ engages in a virulence-enhancing interaction with human CEACAMs. <i>Nature Microbiology</i> , <b>2016</b> , 2, 16189	26.6	137
129	Role of memory T cell subsets for adoptive immunotherapy. <i>Seminars in Immunology</i> , <b>2016</b> , 28, 28-34	10.7	129
128	H2-M3-restricted T cells in bacterial infection: rapid primary but diminished memory responses. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 195-204	16.6	110
127	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. <i>Nature Genetics</i> , <b>2015</b> , 47, 969-978	36.3	106

126	MHC class I antigen processing of <i>Listeria monocytogenes</i> proteins: implications for dominant and subdominant CTL responses. <i>Immunological Reviews</i> , <b>1997</b> , 158, 129-36	11.3	105
125	Mouse phenotyping. <i>Methods</i> , <b>2011</b> , 53, 120-35	4.6	103
124	T Cell Fate at the Single-Cell Level. <i>Annual Review of Immunology</i> , <b>2016</b> , 34, 65-92	34.7	92
123	Lowest numbers of primary CD8(+) T cells can reconstitute protective immunity upon adoptive immunotherapy. <i>Blood</i> , <b>2014</b> , 124, 628-37	2.2	77
122	Crystal structure of the murine NK cell-activating receptor NKG2D at 1.95 Å. <i>Nature Immunology</i> , <b>2001</b> , 2, 248-54	19.1	75
121	Dual-Track Clearance of Circulating Bacteria Balances Rapid Restoration of Blood Sterility with Induction of Adaptive Immunity. <i>Cell Host and Microbe</i> , <b>2016</b> , 20, 36-48	23.4	75
120	Antigen-dependent competition shapes the local repertoire of tissue-resident memory CD8+ T cells. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 3075-3086	16.6	74
119	TCR-ligand koff rate correlates with the protective capacity of antigen-specific CD8+ T cells for adoptive transfer. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 192ra87	17.5	69
118	T Cells Engineered to Express a T-Cell Receptor Specific for Glypican-3 to Recognize and Kill Hepatoma Cells In Vitro and In Mice. <i>Gastroenterology</i> , <b>2015</b> , 149, 1042-52	13.3	67
117	Epigenetic alterations in longevity regulators, reduced life span, and exacerbated aging-related pathology in old father offspring mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E2348-E2357	11.5	65
116	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , <b>2017</b> , 8, 155	17.4	60
115	Rates of bacterial co-infections and antimicrobial use in COVID-19 patients: a retrospective cohort study in light of antibiotic stewardship. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2021</b> , 40, 859-869	5.3	55
114	Orthotopic replacement of T-cell receptor $\alpha$ and $\beta$ chains with preservation of near-physiological T-cell function. <i>Nature Biomedical Engineering</i> , <b>2019</b> , 3, 974-984	19	54
113	Novel serial positive enrichment technology enables clinical multiparameter cell sorting. <i>PLoS ONE</i> , <b>2012</b> , 7, e35798	3.7	50
112	Additive manufacturing of scaffolds with dexamethasone controlled release for enhanced bone regeneration. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 496, 541-50	6.5	45
111	Processing of <i>Listeria monocytogenes</i> antigens and the in vivo T-cell response to bacterial infection. <i>Immunological Reviews</i> , <b>1999</b> , 172, 163-9	11.3	45
110	Clinical-scale isolation of 'minimally manipulated' cytomegalovirus-specific donor lymphocytes for the treatment of refractory cytomegalovirus disease. <i>Cytotherapy</i> , <b>2014</b> , 16, 1245-56	4.8	44
109	Reverse TCR repertoire evolution toward dominant low-affinity clones during chronic CMV infection. <i>Nature Immunology</i> , <b>2020</b> , 21, 434-441	19.1	42

108	Maternal immune response to helminth infection during pregnancy determines offspring susceptibility to allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 1271-1279. <sup>11.5</sup> <sub>1279.4</sub> <sup>10</sup>		
107	Endogenous TCR promotes in vivo persistence of CD19-CAR-T cells compared to a CRISPR/Cas9-mediated TCR knockout CAR. <i>Blood</i> , <b>2020</b> , 136, 1407-1418	2.2	39
106	CD8+ T cell differentiation in the aging immune system: until the last clone standing. <i>Current Opinion in Immunology</i> , <b>2011</b> , 23, 549-54	7.8	36
105	Innovations in phenotyping of mouse models in the German Mouse Clinic. <i>Mammalian Genome</i> , <b>2012</b> , 23, 611-22	3.2	35
104	Protective immunity towards intracellular pathogens. <i>Current Opinion in Immunology</i> , <b>2006</b> , 18, 458-64	7.8	35
103	Calcium-dependent blood-brain barrier breakdown by NOX5 limits postreperfusion benefit in stroke. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 1772-1778	15.9	34
102	Long-term in vivo microscopy of CAR T cell dynamics during eradication of CNS lymphoma in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24275-24284 <sup>11.5</sup>		34
101	CD8(+) T cell diversification by asymmetric cell division. <i>Nature Immunology</i> , <b>2015</b> , 16, 891-3	19.1	33
100	MHC multimer-guided and cell culture-independent isolation of functional T cell receptors from single cells facilitates TCR identification for immunotherapy. <i>PLoS ONE</i> , <b>2013</b> , 8, e61384	3.7	33
99	Protein-prime/modified vaccinia virus Ankara vector-boost vaccination overcomes tolerance in high-antigenemic HBV-transgenic mice. <i>Vaccine</i> , <b>2016</b> , 34, 923-32	4.1	31
98	MHC class I restricted T cell responses to <i>Listeria monocytogenes</i> , an intracellular bacterial pathogen. <i>Immunologic Research</i> , <b>1999</b> , 19, 211-23	4.3	31
97	CD8(+) T cells of <i>Listeria monocytogenes</i> -infected mice recognize both linear and spliced proteasome products. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1109-18	6.1	30
96	TCR Signal Quality Modulates Fate Decisions of Single CD4 T Cells in a Probabilistic Manner. <i>Cell Reports</i> , <b>2017</b> , 20, 806-818	10.6	29
95	Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. <i>Genome Research</i> , <b>2015</b> , 25, 1295-308	9.7	28
94	Origin of CD8+ effector and memory T cell subsets. <i>Cellular and Molecular Immunology</i> , <b>2007</b> , 4, 399-405 <sup>15.4</sup>		28
93	Evaluation of a Fully Human, Hepatitis B Virus-Specific Chimeric Antigen Receptor in an Immunocompetent Mouse Model. <i>Molecular Therapy</i> , <b>2019</b> , 27, 947-959	11.7	27
92	High mobility group N proteins modulate the fidelity of the cellular transcriptional profile in a tissue- and variant-specific manner. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 16690-16703	5.4	26
91	Differential expansion of T central memory precursor and effector subsets is regulated by division speed. <i>Nature Communications</i> , <b>2020</b> , 11, 113	17.4	25

90	A single TCR alpha-chain with dominant peptide recognition in the allorestricted HER2/neu-specific T cell repertoire. <i>Journal of Immunology</i> , <b>2010</b> , 184, 1617-29	5.3	23
89	An Open-Labelled Study on Fecal Microbiota Transfer in Irritable Bowel Syndrome Patients Reveals Improvement in Abdominal Pain Associated with the Relative Abundance of Akkermansia Muciniphila. <i>Digestion</i> , <b>2019</b> , 100, 127-138	3.6	23
88	Murine cytomegalovirus (CMV) infection via the intranasal route offers a robust model of immunity upon mucosal CMV infection. <i>Journal of General Virology</i> , <b>2016</b> , 97, 185-195	4.9	22
87	Impact of acyclovir use on survival of patients with ventilator-associated pneumonia and high load herpes simplex virus replication. <i>Critical Care</i> , <b>2020</b> , 24, 12	10.8	22
86	TCR repertoire evolution during maintenance of CMV-specific T-cell populations. <i>Immunological Reviews</i> , <b>2018</b> , 283, 113-128	11.3	20
85	Mixed functional characteristics correlating with TCR-ligand koff -rate of MHC-tetramer reactive T cells within the naive T-cell repertoire. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 3038-50	6.1	20
84	Specific CD8 T cells in IgE-mediated allergy correlate with allergen dose and allergic phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 181, 7-16	10.2	20
83	Preventing tumor escape by targeting a post-proteasomal trimming independent epitope. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 2333-2348	16.6	20
82	Flow cytometry-based TCR-ligand Koff -rate assay for fast avidity screening of even very small antigen-specific T cell populations ex vivo. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2016</b> , 89, 816-25	4.6	19
81	T cell engineering for adoptive T cell therapy: safety and receptor avidity. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 1701-1712	7.4	18
80	Pappalysin-1 T cell receptor transgenic allo-restricted T cells kill Ewing sarcoma and. <i>Oncotmunology</i> , <b>2017</b> , 6, e1273301	7.2	16
79	Cytomegalovirus vector expressing RAE-1 induces enhanced anti-tumor capacity of murine CD8 T cells. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1354-1367	6.1	14
78	CD4(+)and CD8(+)T-cell reactions against leukemia-associated- or minor-histocompatibility-antigens in AML-patients after allogeneic SCT. <i>Immunobiology</i> , <b>2014</b> , 219, 247-604	3.4	14
77	COVID-19 in Patients Receiving CD20-depleting Immunochemotherapy for B-cell Lymphoma. <i>HemaSphere</i> , <b>2021</b> , 5, e603	0.3	14
76	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. <i>Behavioural Brain Research</i> , <b>2018</b> , 352, 187-196	3.4	12
75	Pleiotropic functions for transcription factor zscan10. <i>PLoS ONE</i> , <b>2014</b> , 9, e104568	3.7	12
74	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. <i>European Journal of Immunology</i> , <b>2021</b> , 51, 2708-3145	6.1	12
73	CIP2A Promotes T-Cell Activation and Immune Response to Listeria monocytogenes Infection. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152996	3.7	12

72	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. <i>Oncotarget</i> , <b>2016</b> , 7, 43267-43280	3.3	12
71	Transgenic antigen-specific, HLA-A*02:01-allo-restricted cytotoxic T cells recognize tumor-associated target antigen STEAP1 with high specificity. <i>OncolImmunology</i> , <b>2016</b> , 5, e1175795	7.2	12
70	Inventories of naive and tolerant mouse CD4 T cell repertoires reveal a hierarchy of deleted and diverted T cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 18537-18543	11.5	12
69	A mouse model for intellectual disability caused by mutations in the X-linked 2'-O-methyltransferase Ftsj1 gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 2083-2093	6.9	12
68	Mucosal-Associated Invariant T (MAIT) Cells Are Highly Activated and Functionally Impaired in COVID-19 Patients. <i>Viruses</i> , <b>2021</b> , 13,	6.2	12
67	An Evaluation of T-Cell Functionality After Flow Cytometry Sorting Revealed p38 MAPK Activation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2020</b> , 97, 171-183	4.6	11
66	Systematic identification of cancer-specific MHC-binding peptides with RAVEN. <i>OncolImmunology</i> , <b>2018</b> , 7, e1481558	7.2	11
65	Early emergence of T central memory precursors programs clonal dominance during chronic viral infection. <i>Nature Immunology</i> , <b>2020</b> , 21, 1563-1573	19.1	11
64	FLEXamers: A Double Tag for Universal Generation of Versatile Peptide-MHC Multimers. <i>Journal of Immunology</i> , <b>2019</b> , 202, 2164-2171	5.3	11
63	Ewing sarcoma partial regression without GvHD by chondromodulin-I/HLA-A*02:01-specific allorestricted T cell receptor transgenic T cells. <i>OncolImmunology</i> , <b>2017</b> , 6, e1312239	7.2	10
62	Minimally manipulated murine regulatory T cells purified by reversible Fab Multimers are potent suppressors for adoptive T-cell therapy. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 2153-2162	6.1	10
61	Fate mapping of single NK cells identifies a type 1 innate lymphoid-like lineage that bridges innate and adaptive recognition of viral infection. <i>Immunity</i> , <b>2021</b> , 54, 2288-2304.e7	32.3	10
60	Orthotopic T-Cell Receptor Replacement-An "Enabler" for TCR-Based Therapies. <i>Cells</i> , <b>2020</b> , 9,	7.9	9
59	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. <i>Developmental and Comparative Immunology</i> , <b>2017</b> , 77, 69-76	3.2	9
58	Generation and Standardized, Systemic Phenotypic Analysis of Pou3f3L423P Mutant Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150472	3.7	9
57	Efficient immunoaffinity chromatography of lymphocytes directly from whole blood. <i>Scientific Reports</i> , <b>2018</b> , 8, 16731	4.9	9
56	Presentation of a Conserved Adenoviral Epitope on HLA-C*0702 Allows Evasion of Natural Killer but Not T Cell Responses. <i>Viral Immunology</i> , <b>2017</b> , 30, 149-156	1.7	8
55	T cell-specific inactivation of mouse CD2 by CRISPR/Cas9. <i>Scientific Reports</i> , <b>2016</b> , 6, 21377	4.9	8

54	Generation of high-avidity, WT1-reactive CD8+ cytotoxic T cell clones with anti-leukemic activity by streptamer technology. <i>Leukemia and Lymphoma</i> , <b>2017</b> , 58, 1246-1249	1.9	7
53	Characterization and clinical enrichment of HLA-C*07:02-restricted Cytomegalovirus-specific CD8+ T cells. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193554	3.7	7
52	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 4035-4046	3.2	7
51	Key Features Relevant to Select Antigens and TCR From the MHC-Mismatched Repertoire to Treat Cancer. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1485	8.4	6
50	Strongyloides stercoralis hyperinfection syndrome presenting as mechanical ileus after short-course oral steroids for chronic obstructive pulmonary disease (COPD) exacerbation. <i>Parasitology International</i> , <b>2020</b> , 76, 102087	2.1	6
49	Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. <i>Scientific Reports</i> , <b>2018</b> , 8, 5975	4.9	6
48	Lysosome-associated membrane glycoprotein 1 predicts fratricide amongst T cell receptor transgenic CD8+ T cells directed against tumor-associated antigens. <i>Oncotarget</i> , <b>2016</b> , 7, 56584-56597	3.3	6
47	Expaners: a new technology to control T cell activation. <i>Scientific Reports</i> , <b>2020</b> , 10, 17832	4.9	6
46	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 18334	4.9	6
45	TIL 2.0: More effective and predictive T-cell products by enrichment for defined antigen specificities. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1335-9	6.1	6
44	Targeted T cell receptor gene editing provides predictable T cell product function for immunotherapy. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100374	18	6
43	Primary Cytomegalovirus Infection in Seronegative Kidney Transplant Patients Is Associated with Prolonged Cold Ischemic Time of Seropositive Donor Organs. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171035	3.7	5
42	Augmenting anti-CD19 and anti-CD22 CAR T-cell function using PD-1-CD28 checkpoint fusion proteins. <i>Blood Cancer Journal</i> , <b>2021</b> , 11, 108	7	5
41	Single-cell RNA sequencing reveals ex vivo signatures of SARS-CoV-2-reactive T cells through 'reverse phenotyping'. <i>Nature Communications</i> , <b>2021</b> , 12, 4515	17.4	5
40	Longitudinal Frequencies of Blood Leukocyte Subpopulations Differ between NOD and NOR Mice but Do Not Predict Diabetes in NOD Mice. <i>Journal of Diabetes Research</i> , <b>2016</b> , 2016, 4208156	3.9	5
39	Back to the Future: Effector Fate during T Cell Exhaustion. <i>Immunity</i> , <b>2019</b> , 51, 970-972	32.3	5
38	In-depth phenotyping reveals common and novel disease symptoms in a hemizygous knock-in mouse model (Mut-ko/ki) of mut-type methylmalonic aciduria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165622	6.9	4
37	A synergistic combination: using RNAseq to decipher both T-cell receptor sequence and transcriptional profile of individual T cells. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 529-30	5	4

36	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. <i>BMC Infectious Diseases</i> , <b>2019</b> , 19, 1091	4	4
35	Targeted in-vitro-stimulation reveals highly proliferative multi-virus-specific human central memory T cells as candidates for prophylactic T cell therapy. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223258	3.7	3
34	Needle in a Haystack: The Naïve Repertoire as a Source of T Cell Receptors for Adoptive Therapy with Engineered T Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
33	MHC Class I-Restricted TCR-Transgenic CD4 T Cells Against STEAP1 Mediate Local Tumor Control of Ewing Sarcoma In Vivo. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
32	Multiplexed imaging and automated signal quantification in formalin-fixed paraffin-embedded tissues by ChipCytometry.. <i>Cell Reports Methods</i> , <b>2021</b> , 1, 100104		3
31	A T-cell reporter platform for high-throughput and reliable investigation of TCR function and biology. <i>Clinical and Translational Immunology</i> , <b>2020</b> , 9, e1216	6.8	3
30	Efficient Induction of Cytotoxic T Cells by Viral Vector Vaccination Requires STING-Dependent DC Functions. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1458	8.4	3
29	Clinical and microbiological features and outcomes of mucormycosis in critically ill patients. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 109, 142-147	10.5	3
28	Functional analysis of peripheral and intratumoral neoantigen-specific TCRs identified in a patient with melanoma <b>2021</b> , 9,		3
27	Expression of the Phosphatase Ppef2 Controls Survival and Function of CD8 Dendritic Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 222	8.4	2
26	Dexamethasone therapy and rates of secondary pulmonary and bloodstream infections in critically ill COVID-19 patients. <i>Multidisciplinary Respiratory Medicine</i> , <b>2021</b> , 16, 793	3	2
25	Single-cell RNA sequencing reveals in vivo signatures of SARS-CoV-2-reactive T cells through Reverse phenotyping		2
24	Skin and gut imprinted helper T cell subsets exhibit distinct functional phenotypes in central nervous system autoimmunity. <i>Nature Immunology</i> , <b>2021</b> , 22, 880-892	19.1	2
23	Memory CD8 T Cells Generated by Cytomegalovirus Vaccine Vector Expressing NKG2D Ligand Have Effector-Like Phenotype and Distinct Functional Features. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 681380	8.4	2
22	Sequestration of Late Antigens Within Viral Factories Impairs MVA Vector-Induced Protective Memory CTL Responses. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2850	8.4	2
21	CMV seropositivity is a potential novel risk factor for severe COVID-19 in non-geriatric patients. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268530	3.7	2
20	Strategies for increasing diagnostic yield of community-onset bacteraemia within the emergency department: A retrospective study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222545	3.7	1
19	() Pacemaker Infection. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa487	1	1



18	Physiological relevance of the neuronal isoform of inositol-1,4,5-trisphosphate 3-kinases in mice. <i>Neuroscience Letters</i> , <b>2020</b> , 735, 135206	3.3	1
17	Data on the effects of eIF6 downmodulation on the proportions of innate and adaptive immune system cell subpopulations and on thymocyte maturation. <i>Data in Brief</i> , <b>2017</b> , 14, 653-658	1.2	1
16	Genome-wide off-target analyses of CRISPR/Cas9-mediated T-cell receptor engineering in primary human T cells.. <i>Clinical and Translational Immunology</i> , <b>2022</b> , 11, e1372	6.8	1
15	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. <i>PLoS ONE</i> , <b>2020</b> , 15, e0240981	3.7	1
14	Recruitment of highly cytotoxic CD8 T cell receptors in mild SARS-CoV-2 infection.. <i>Cell Reports</i> , <b>2021</b> , 110214	10.6	1
13	The CMV-Specific CD8 T Cell Response Is Dominated by Supra-Public Clonotypes with High Generation Probabilities. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	1
12	Suspected penicillin allergy: risk assessment using an algorithm as an antibiotic stewardship project. <i>Allergo Journal International</i> , <b>2020</b> , 29, 174-180	1.5	1
11	Formation and immunomodulatory function of meningeal B cell aggregates in progressive CNS autoimmunity. <i>Brain</i> , <b>2021</b> , 144, 1697-1710	11.2	1
10	A Single-Cell Perspective on Memory T-Cell Differentiation. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2021</b> , 13,	10.2	1
9	Protective T cell receptor identification for orthotopic reprogramming of immunity in refractory virus infections. <i>Molecular Therapy</i> , <b>2021</b> ,	11.7	1
8	Integrated IT Platform for Coordination of Diagnosis, Treatment, and Aftercare of Prosthetic Joint Infections. <i>In Vivo</i> , <b>2019</b> , 33, 1625-1633	2.3	0
7	Orthotopic T-cell receptor replacement in primary human T cells using CRISPR-Cas9-mediated homology-directed repair.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101031	1.4	0
6	Next generation automated traceless cell chromatography platform for GMP-compliant cell isolation and activation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6572	4.9	0
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