

Dirk H Busch

List of Publications by Year in descending order

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Version: 2024-02-01

149
papers

9,314
citations

66234

42
h-index

45213

90
g-index

158
all docs

158
docs citations

158
times ranked

14214
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
2	Direct identification of clinically relevant neoepitopes presented on native human melanoma tissue by mass spectrometry. Nature Communications, 2016, 7, 13404.	5.8	613
3	Coordinate Regulation of Complex T Cell Populations Responding to Bacterial Infection. Immunity, 1998, 8, 353-362.	6.6	485
4	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, 5610-5615.	3.3	418
5	T Cell Affinity Maturation by Selective Expansion during Infection. Journal of Experimental Medicine, 1999, 189, 701-710.	4.2	391
6	Disparate Individual Fates Compose Robust CD8 ⁺ T Cell Immunity. Science, 2013, 340, 630-635.	6.0	364
7	Serial Transfer of Single-Cell-Derived Immunocompetence Reveals Stemness of CD8+ Central Memory T Cells. Immunity, 2014, 41, 116-126.	6.6	290
8	A Single Naive CD8+ T Cell Precursor Can Develop into Diverse Effector and Memory Subsets. Immunity, 2007, 27, 985-997.	6.6	284
9	Functional classification of memory CD8+ T cells by CX3CR1 expression. Nature Communications, 2015, 6, 8306.	5.8	231
10	Targeted antibody-mediated depletion of murine CD19 CAR T cells permanently reverses B cell aplasia. Journal of Clinical Investigation, 2016, 126, 4262-4272.	3.9	229
11	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	1.6	198
12	Reversible MHC multimer staining for functional isolation of T-cell populations and effective adoptive transfer. Nature Medicine, 2002, 8, 631-637.	15.2	196
13	Evolution of a Complex T Cell Receptor Repertoire during Primary and Recall Bacterial Infection. Journal of Experimental Medicine, 1998, 188, 61-70.	4.2	193
14	Helicobacter pylori adhesin HopQ engages in a virulence-enhancing interaction with human CEACAMs. Nature Microbiology, 2017, 2, 16189.	5.9	188
15	Role of memory T cell subsets for adoptive immunotherapy. Seminars in Immunology, 2016, 28, 28-34.	2.7	179
16	Introducing the German Mouse Clinic: open access platform for standardized phenotyping. Nature Methods, 2005, 2, 403-404.	9.0	176
17	Analysis of mammalian gene function through broad-based phenotypic screens across a consortium of mouse clinics. Nature Genetics, 2015, 47, 969-978.	9.4	137
18	T Cell Fate at the Single-Cell Level. Annual Review of Immunology, 2016, 34, 65-92.	9.5	131

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19	Mouse phenotyping. <i>Methods</i> , 2011, 53, 120-135.	1.9	128
20	H2-M3 α -Restricted T Cells in Bacterial Infection. <i>Journal of Experimental Medicine</i> , 1999, 190, 195-204.	4.2	118
21	Orthotopic replacement of T-cell receptor α - and β -chains with preservation of near-physiological T-cell function. <i>Nature Biomedical Engineering</i> , 2019, 3, 974-984.	11.6	112
22	MHC class I antigen processing of <i>Listeria monocytogenes</i> proteins: implications for dominant and subdominant CTL responses. <i>Immunological Reviews</i> , 1997, 158, 129-136.	2.8	111
23	Dual-Track Clearance of Circulating Bacteria Balances Rapid Restoration of Blood Sterility with Induction of Adaptive Immunity. <i>Cell Host and Microbe</i> , 2016, 20, 36-48.	5.1	111
24	Lowest numbers of primary CD8 ⁺ T cells can reconstitute protective immunity upon adoptive immunotherapy. <i>Blood</i> , 2014, 124, 628-637.	0.6	103
25	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> , 2018, 115, E2348-E2357.	3.3	102
26	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> , 2021, 40, 859-869.	1.3	98
27	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> , 2015, 149, 1042-1052.	0.6	96
28	TCR-Ligand <i>Ik</i> _{off} Rate Correlates with the Protective Capacity of Antigen-Specific CD8 ⁺ T Cells for Adoptive Transfer. <i>Science Translational Medicine</i> , 2013, 5, 192ra87.	5.8	91
29	Endogenous TCR promotes in vivo persistence of CD19-CAR-T cells compared to a CRISPR/Cas9-mediated TCR knockout CAR. <i>Blood</i> , 2020, 136, 1407-1418.	0.6	91
30	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , 2017, 8, 155.	5.8	87
31	Antigen-dependent competition shapes the local repertoire of tissue-resident memory CD8 ⁺ T cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 3075-3086.	4.2	86
32	Crystal structure of the murine NK cell α -activating receptor NKG2D at 1.95 Å... <i>Nature Immunology</i> , 2001, 2, 248-254.	7.0	85
33	Reverse TCR repertoire evolution toward dominant low-affinity clones during chronic CMV infection. <i>Nature Immunology</i> , 2020, 21, 434-441.	7.0	85
34	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> , 2019, 116, 24275-24284.	3.3	67
35	Additive manufacturing of scaffolds with dexamethasone controlled release for enhanced bone regeneration. <i>International Journal of Pharmaceutics</i> , 2015, 496, 541-550.	2.6	60
36	TCR Signal Quality Modulates Fate Decisions of Single CD4 ⁺ T Cells in a Probabilistic Manner. <i>Cell Reports</i> , 2017, 20, 806-818.	2.9	57

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37	Calcium-dependent blood-brain barrier breakdown by NOX5 limits postreperfusion benefit in stroke. <i>Journal of Clinical Investigation</i> , 2019, 129, 1772-1778.	3.9	55
38	Novel Serial Positive Enrichment Technology Enables Clinical Multiparameter Cell Sorting. <i>PLoS ONE</i> , 2012, 7, e35798.	1.1	54
39	Maternal immune response to helminth infection during pregnancy determines offspring susceptibility to allergic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1271-1279.e10.	1.5	53
40	Clinical-scale isolation of "minimally manipulated"™ cytomegalovirus-specific donor lymphocytes for the treatment of refractory cytomegalovirus disease. <i>Cytotherapy</i> , 2014, 16, 1245-1256.	0.3	51
41	Differential expansion of T central memory precursor and effector subsets is regulated by division speed. <i>Nature Communications</i> , 2020, 11, 113.	5.8	51
42	Protein-prime/modified vaccinia virus Ankara vector-boost vaccination overcomes tolerance in high-antigenemic HBV-transgenic mice. <i>Vaccine</i> , 2016, 34, 923-932.	1.7	48
43	Processing of <i>Listeria monocytogenes</i> antigens and the in vivo T-cell response to bacterial infection. <i>Immunological Reviews</i> , 1999, 172, 163-169.	2.8	47
44	CD8+ T cell diversification by asymmetric cell division. <i>Nature Immunology</i> , 2015, 16, 891-893.	7.0	44
45	An Open-Labeled Study on Fecal Microbiota Transfer in Irritable Bowel Syndrome Patients Reveals Improvement in Abdominal Pain Associated with the Relative Abundance of <i>Akkermansia muciniphila</i> . <i>Digestion</i> , 2019, 100, 127-138.	1.2	44
46	Impact of acyclovir use on survival of patients with ventilator-associated pneumonia and high load herpes simplex virus replication. <i>Critical Care</i> , 2020, 24, 12.	2.5	44
47	CD8+ T cell differentiation in the aging immune system: until the last clone standing. <i>Current Opinion in Immunology</i> , 2011, 23, 549-554.	2.4	42
48	T cell engineering for adoptive T cell therapy: safety and receptor avidity. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1701-1712.	2.0	41
49	Evaluation of a Fully Human, Hepatitis B Virus-Specific Chimeric Antigen Receptor in an Immunocompetent Mouse Model. <i>Molecular Therapy</i> , 2019, 27, 947-959.	3.7	41
50	Innovations in phenotyping of mouse models in the German Mouse Clinic. <i>Mammalian Genome</i> , 2012, 23, 611-622.	1.0	40
51	Protective immunity towards intracellular pathogens. <i>Current Opinion in Immunology</i> , 2006, 18, 458-464.	2.4	39
52	CD8 ⁺ T cells of <i>Listeria monocytogenes</i> -infected mice recognize both linear and spliced proteasome products. <i>European Journal of Immunology</i> , 2016, 46, 1109-1118.	1.6	39
53	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> , 2021, 54, 2288-2304.e7.	6.6	39
54	Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. <i>Genome Research</i> , 2015, 25, 1295-1308.	2.4	38

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55	Early emergence of T central memory precursors programs clonal dominance during chronic viral infection. <i>Nature Immunology</i> , 2020, 21, 1563-1573.	7.0	38
56	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> , 2013, 288, 16690-16703.	1.6	37
57	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> , 2013, 8, e61384.	1.1	37
58	COVID-19 in Patients Receiving CD20-depleting Immunochemotherapy for B-cell Lymphoma. <i>HemaSphere</i> , 2021, 5, e603.	1.2	35
59	Murine cytomegalovirus (CMV) infection via the intranasal route offers a robust model of immunity upon mucosal CMV infection. <i>Journal of General Virology</i> , 2016, 97, 185-195.	1.3	35
60	Skin and gut imprinted helper T cell subsets exhibit distinct functional phenotypes in central nervous system autoimmunity. <i>Nature Immunology</i> , 2021, 22, 880-892.	7.0	34
61	MHC class I restricted T cell responses to <i>Listeria monocytogenes</i> , an intracellular bacterial pathogen. <i>Immunologic Research</i> , 1999, 19, 211-223.	1.3	33
62	Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic. <i>Behavioural Brain Research</i> , 2018, 352, 187-196.	1.2	31
63	Mucosal-Associated Invariant T (MAIT) Cells Are Highly Activated and Functionally Impaired in COVID-19 Patients. <i>Viruses</i> , 2021, 13, 241.	1.5	31
64	Pappalysin-1 T cell receptor transgenic allo-restricted T cells kill Ewing sarcoma <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2017, 6, e1273301.	2.1	30
65	TCR repertoire evolution during maintenance of CMV-specific T cell populations. <i>Immunological Reviews</i> , 2018, 283, 113-128.	2.8	30
66	Targeted T cell receptor gene editing provides predictable T cell product function for immunotherapy. <i>Cell Reports Medicine</i> , 2021, 2, 100374.	3.3	30
67	Origin of CD8+ effector and memory T cell subsets. <i>Cellular and Molecular Immunology</i> , 2007, 4, 399-405.	4.8	29
68	A Single TCR α -Chain with Dominant Peptide Recognition in the Allorestricted HER2/neu-Specific T Cell Repertoire. <i>Journal of Immunology</i> , 2010, 184, 1617-1629.	0.4	28
69	Mixed functional characteristics correlating with TCR ligand k_{off} rate of MHC tetramer reactive T cells within the naive T cell repertoire. <i>European Journal of Immunology</i> , 2013, 43, 3038-3050.	1.6	27
70	Flow cytometry-based TCR ligand k_{off} rate assay for fast avidity screening of even very small antigen-specific T cell populations <i>ex vivo</i> . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 816-825.	1.1	27
71	Transgenic antigen-specific, HLA-A*02:01-allo-restricted cytotoxic T cells recognize tumor-associated target antigen STEAP1 with high specificity. <i>Oncotarget</i> , 2016, 5, e1175795.	2.1	25
72	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> , 2020, 97, 171-183.	1.1	25

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73	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> , 2010, 181, 7-16.	2.5	23
74	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> , 2019, 116, 18537-18543.	3.3	23
75	Single-cell RNA sequencing reveals ex vivo signatures of SARS-CoV-2-reactive T cells through α reverse phenotyping TM . <i>Nature Communications</i> , 2021, 12, 4515.	5.8	23
76	Preventing tumor escape by targeting a post-proteasomal trimming independent epitope. <i>Journal of Experimental Medicine</i> , 2016, 213, 2333-2348.	4.2	22
77	Ewing sarcoma partial regression without GvHD by chondromodulin-I/HLA-A*02:01-specific allorestricted T cell receptor transgenic T cells. <i>Oncolmmunology</i> , 2017, 6, e1312239.	2.1	21
78	MHC Class I-Restricted TCR-Transgenic CD4+ T Cells Against STEAP1 Mediate Local Tumor Control of Ewing Sarcoma In Vivo. <i>Cells</i> , 2020, 9, 1581.	1.8	21
79	Human HLA-A*02:01/CHM1+ allo-restricted T cell receptor transgenic CD8+ T Cells specifically inhibit Ewing sarcoma growth <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 43267-43280.	0.8	21
80	Recruitment of highly cytotoxic CD8+ T cell receptors in mild SARS-CoV-2 infection. <i>Cell Reports</i> , 2022, 38, 110214.	2.9	19
81	CMV seropositivity is a potential novel risk factor for severe COVID-19 in non-geriatric patients. <i>PLoS ONE</i> , 2022, 17, e0268530.	1.1	19
82	Cytomegalovirus vector expressing RAE α 1 ³ induces enhanced anti-tumor capacity of murine CD8 ⁺ T cells. <i>European Journal of Immunology</i> , 2017, 47, 1354-1367.	1.6	18
83	CD4+ and CD8+T-cell reactions against leukemia-associated- or minor-histocompatibility-antigens in AML-patients after allogeneic SCT. <i>Immunobiology</i> , 2014, 219, 247-260.	0.8	17
84	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> , 2017, 77, 69-76.	1.0	17
85	FLEXamers: A Double Tag for Universal Generation of Versatile Peptide-MHC Multimers. <i>Journal of Immunology</i> , 2019, 202, 2164-2171.	0.4	17
86	A mouse model for intellectual disability caused by mutations in the X-linked 2â€²â€™Oâ€™methyltransferase Ftsj1 gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2083-2093.	1.8	17
87	Expamers: a new technology to control T cell activation. <i>Scientific Reports</i> , 2020, 10, 17832.	1.6	17
88	Augmenting anti-CD19 and anti-CD22 CAR T-cell function using PD-1-CD28 checkpoint fusion proteins. <i>Blood Cancer Journal</i> , 2021, 11, 108.	2.8	17
89	CIP2A Promotes T-Cell Activation and Immune Response to <i>Listeria monocytogenes</i> Infection. <i>PLoS ONE</i> , 2016, 11, e0152996.	1.1	17
90	Pleiotropic Functions for Transcription Factor Zscan10. <i>PLoS ONE</i> , 2014, 9, e104568.	1.1	16

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91	Systematic identification of cancer-specific MHC-binding peptides with RAVEN. <i>Oncolmunology</i> , 2018, 7, e1481558.	2.1	16
92	Back to the Future: Effector Fate during T Cell Exhaustion. <i>Immunity</i> , 2019, 51, 970-972.	6.6	16
93	Characterization and clinical enrichment of HLA-C*07:02-restricted Cytomegalovirus-specific CD8+ T cells. <i>PLoS ONE</i> , 2018, 13, e0193554.	1.1	16
94	Phantosmia, Parosmia, and Dysgeusia Are Prolonged and Late-Onset Symptoms of COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 5266.	1.0	16
95	A T cell reporter platform for high-throughput and reliable investigation of TCR function and biology. <i>Clinical and Translational Immunology</i> , 2020, 9, e1216.	1.7	15
96	Formation and immunomodulatory function of meningeal B cell aggregates in progressive CNS autoimmunity. <i>Brain</i> , 2021, 144, 1697-1710.	3.7	15
97	Generation and Standardized, Systemic Phenotypic Analysis of Pou3f3L423P Mutant Mice. <i>PLoS ONE</i> , 2016, 11, e0150472.	1.1	14
98	Defective immuno- and thymoproteasome assembly causes severe immunodeficiency. <i>Scientific Reports</i> , 2018, 8, 5975.	1.6	13
99	Heritable changes in division speed accompany the diversification of single T cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	13
100	Primary Cytomegalovirus Infection in Seronegative Kidney Transplant Patients Is Associated with Prolonged Cold Ischemic Time of Seropositive Donor Organs. <i>PLoS ONE</i> , 2017, 12, e0171035.	1.1	12
101	Efficient immunoaffinity chromatography of lymphocytes directly from whole blood. <i>Scientific Reports</i> , 2018, 8, 16731.	1.6	12
102	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> , 2020, 1866, 165622.	1.8	12
103	Increased estrogen to androgen ratio enhances immunoglobulin levels and impairs B cell function in male mice. <i>Scientific Reports</i> , 2020, 10, 18334.	1.6	12
104	Orthotopic T-Cell Receptor Replacement An Enabler for TCR-Based Therapies. <i>Cells</i> , 2020, 9, 1367.	1.8	12
105	Dexamethasone therapy and rates of secondary pulmonary and bloodstream infections in critically ill COVID-19 patients. <i>Multidisciplinary Respiratory Medicine</i> , 2021, 16, 793.	0.6	12
106	Multiplexed imaging and automated signal quantification in formalin-fixed paraffin-embedded tissues by ChipCytometry. <i>Cell Reports Methods</i> , 2021, 1, 100104.	1.4	12
107	T cell-specific inactivation of mouse CD2 by CRISPR/Cas9. <i>Scientific Reports</i> , 2016, 6, 21377.	1.6	11
108	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> , 2017, 47, 2153-2162.	1.6	11

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109	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> , 2019, 19, 1091.	1.3	11
110	The clinical potential for off-rate measurement in adoptive immunotherapy. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 1151-1153.	1.3	10
111	<i>Strongyloides stercoralis</i> hyperinfection syndrome presenting as mechanical ileus after short-course oral steroids for chronic obstructive pulmonary disease (COPD) exacerbation. <i>Parasitology International</i> , 2020, 76, 102087.	0.6	10
112	Presentation of a Conserved Adenoviral Epitope on HLA-C*0702 Allows Evasion of Natural Killer but Not T Cell Responses. <i>Viral Immunology</i> , 2017, 30, 149-156.	0.6	9
113	Efficient Induction of Cytotoxic T Cells by Viral Vector Vaccination Requires STING-Dependent DC Functions. <i>Frontiers in Immunology</i> , 2020, 11, 1458.	2.2	9
114	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4035-4046.	0.8	9
115	Generation of high-avidity, WT1-reactive CD8+ cytotoxic T cell clones with anti-leukemic activity by streptamer technology. <i>Leukemia and Lymphoma</i> , 2017, 58, 1246-1249.	0.6	8
116	Key Features Relevant to Select Antigens and TCR From the MHC-Mismatched Repertoire to Treat Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1485.	2.2	8
117	Lysosome-associated membrane glycoprotein 1 predicts fratricide amongst T cell receptor transgenic CD8+ T cells directed against tumor-associated antigens. <i>Oncotarget</i> , 2016, 7, 56584-56597.	0.8	8
118	Clinical and microbiological features and outcomes of mucormycosis in critically ill patients. <i>International Journal of Infectious Diseases</i> , 2021, 109, 142-147.	1.5	7
119	Functional analysis of peripheral and intratumoral neoantigen-specific TCRs identified in a patient with melanoma. , 2021, 9, e002754.		7
120	TIL 2.0: More effective and predictive T cell products by enrichment for defined antigen specificities. <i>European Journal of Immunology</i> , 2016, 46, 1335-1339.	1.6	6
121	Orthotopic T-cell receptor replacement in primary human T cells using CRISPR-Cas9-mediated homology-directed repair. <i>STAR Protocols</i> , 2022, 3, 101031.	0.5	6
122	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> , 2016, 2016, 1-7.	1.0	5
123	Strategies for increasing diagnostic yield of community-onset bacteraemia within the emergency department: A retrospective study. <i>PLoS ONE</i> , 2019, 14, e0222545.	1.1	5
124	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> , 2019, 14, e0223258.	1.1	5
125	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> , 2020, 21, 8324.	1.8	5
126	Genome-wide off-target analyses of CRISPR/Cas9-mediated T cell receptor engineering in primary human T cells. <i>Clinical and Translational Immunology</i> , 2022, 11, e1372.	1.7	5

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127	Next generation automated traceless cell chromatography platform for GMP-compliant cell isolation and activation. <i>Scientific Reports</i> , 2022, 12, 6572.	1.6	5
128	A synergistic combination: using RNAseq to decipher both Tâ€cell receptor sequence and transcriptional profile of individual T cells. <i>Immunology and Cell Biology</i> , 2016, 94, 529-530.	1.0	4
129	Sequestration of Late Antigens Within Viral Factories Impairs MVA Vector-Induced Protective Memory CTL Responses. <i>Frontiers in Immunology</i> , 2019, 10, 2850.	2.2	4
130	Suspected penicillin allergy: risk assessment using an algorithm as an antibiotic stewardship project. <i>Allergo Journal International</i> , 2020, 29, 174-180.	0.9	4
131	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> , 2021, 12, 681380.	2.2	4
132	Effect of an Intensified Antibiotic Stewardship Program at an Orthopedic Surgery Department. <i>Surgical Infections</i> , 2022, 23, 105-112.	0.7	4
133	Expression of the Phosphatase Ppef2 Controls Survival and Function of CD8+ Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 222.	2.2	3
134	The CMV-Specific CD8+ T Cell Response Is Dominated by Supra-Public Clonotypes with High Generation Probabilities. <i>Pathogens</i> , 2020, 9, 650.	1.2	3
135	Physiological relevance of the neuronal isoform of inositol-1,4,5-trisphosphate 3-kinases in mice. <i>Neuroscience Letters</i> , 2020, 735, 135206.	1.0	3
136	A Single-Cell Perspective on Memory T-Cell Differentiation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, 13, a038067.	2.3	3
137	Does the Duration of Perioperative Antibiotic Prophylaxis Influence the Incidence of Postoperative Surgical-Site Infections in Implant-Based Breast Reconstruction in Women with Breast Cancer? A Retrospective Study. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 617e-628e.	0.7	3
138	Post-synaptic scaffold protein TANC2 in psychiatric and somatic disease risk. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	3
139	ChipCytometry for multiplexed detection of protein and mRNA markers on human FFPE tissue samples. <i>STAR Protocols</i> , 2022, 3, 101374.	0.5	3
140	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> , 2017, 14, 653-658.	0.5	2
141	<i>Clostridioides</i> (<i>Clostridium</i>) <i>difficile</i> Pacemaker Infection. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa487.	0.4	2
142	Protective Tâ€cell receptor identification for orthotopic reprogramming of immunity in refractory virus infections. <i>Molecular Therapy</i> , 2022, 30, 198-208.	3.7	2
143	Integrated IT Platform for Coordination of Diagnosis, Treatment, and Aftercare of Prosthetic Joint Infections. <i>In Vivo</i> , 2019, 33, 1625-1633.	0.6	1
144	Abstract LB-106: Allorepertoire-derived HLA class II/peptide-specific T cell receptor transgenic CD4+T cells mediate antitumor responses in Ewing sarcoma mimicking allo-rejection. , 2018, , .		1

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145	A diagnostic algorithm for detection of urinary tract infections in hospitalized patients with bacteriuria: The "Triple" approach supported by Procalcitonin and paired blood and urine cultures. PLoS ONE, 2020, 15, e0240981.	1.1	1
146	Global rates of polyclonal T cell populations merge subclonal avidities and predict functionality. European Journal of Immunology, 2022, 52, 582-596.	1.6	1
147	Aspergillus fumigatus cholangitis in a patient with cholangiocarcinoma: case report and review of the literature. Infection, 2021, 49, 159-164.	2.3	0
148	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.	0.6	0
149	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-Transduced Effector Cells.. Blood, 2009, 114, 3583-3583.	0.6	0