

Veit R Buchholz

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,200
citations

279798

23
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

5583
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrogenic Color-Barcoding for Fate Mapping of Single Innate Lymphocytes. <i>Methods in Molecular Biology</i> , 2022, 2463, 117-127.	0.9	2
2	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, .	7.1	13
3	T cell memories of past divisions. <i>Nature Immunology</i> , 2022, 23, 646-647.	14.5	2
4	A Single-Cell Perspective on Memory T-Cell Differentiation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, 13, a038067.	5.5	3
5	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.	14.5	34
6	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.	14.3	39
7	Differential expansion of T central memory precursor and effector subsets is regulated by division speed. <i>Nature Communications</i> , 2020, 11, 113.	12.8	51
8	Early emergence of T central memory precursors programs clonal dominance during chronic viral infection. <i>Nature Immunology</i> , 2020, 21, 1563-1573.	14.5	38
9	Multiplexed whole-animal imaging with reversibly switchable optoacoustic proteins. <i>Science Advances</i> , 2020, 6, eaaz6293.	10.3	27
10	Antihypertensive drugs in COVID-19 infection. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 415-416.	3.0	24
11	Reverse TCR repertoire evolution toward dominant low-affinity clones during chronic CMV infection. <i>Nature Immunology</i> , 2020, 21, 434-441.	14.5	85
12	Distinct Surface Expression of Activating Receptor Ly49H Drives Differential Expansion of NK Cell Clones upon Murine Cytomegalovirus Infection. <i>Immunity</i> , 2019, 50, 1391-1400.e4.	14.3	47
13	Expression of the Phosphatase Ppaf2 Controls Survival and Function of CD8+ Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 222.	4.8	3
14	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.	7.1	67
15	Back to the Future: Effector Fate during T Cell Exhaustion. <i>Immunity</i> , 2019, 51, 970-972.	14.3	16
16	Single-Cell Resolution of T Cell Immune Responses. <i>Advances in Immunology</i> , 2018, 137, 1-41.	2.2	8
17	<sc>TCR</sc> repertoire evolution during maintenance of <sc>CMV</sc>-specific T cell populations. <i>Immunological Reviews</i> , 2018, 283, 113-128.	6.0	30
18	TCR Signal Quality Modulates Fate Decisions of Single CD4 + T Cells in a Probabilistic Manner. <i>Cell Reports</i> , 2017, 20, 806-818.	6.4	57

#	ARTICLE	IF	CITATIONS
19	Single T Cell Potential. , 2016, , 384-389.		0
20	Antigen-dependent competition shapes the local repertoire of tissue-resident memory CD8+ T cells. Journal of Experimental Medicine, 2016, 213, 3075-3086.	8.5	86
21	T Cell Fate at the Single-Cell Level. Annual Review of Immunology, 2016, 34, 65-92.	21.8	131
22	Role of memory T cell subsets for adoptive immunotherapy. Seminars in Immunology, 2016, 28, 28-34.	5.6	179
23	CD8+ T cell diversification by asymmetric cell division. Nature Immunology, 2015, 16, 891-893.	14.5	44
24	Serial Transfer of Single-Cell-Derived Immunocompetence Reveals Stemness of CD8+ Central Memory T Cells. Immunity, 2014, 41, 116-126.	14.3	290
25	Antigen Delivery to CD11c+CD8 ⁺ Dendritic Cells Induces Protective Immune Responses against Experimental Melanoma in Mice In Vivo. Journal of Immunology, 2014, 192, 5830-5838.	0.8	63
26	Lowest numbers of primary CD8+ T cells can reconstitute protective immunity upon adoptive immunotherapy. Blood, 2014, 124, 628-637.	1.4	103
27	Disparate Individual Fates Compose Robust CD8 ⁺ T Cell Immunity. Science, 2013, 340, 630-635.	12.6	364
28	The smallest unit: effector and memory CD8+ T cell differentiation on the single cell level. Frontiers in Immunology, 2013, 4, 31.	4.8	25
29	The origin of diversity: studying the evolution of multi-faceted CD8+ T cell responses. Cellular and Molecular Life Sciences, 2012, 69, 1585-1595.	5.4	13
30	CD8+ T cell differentiation in the aging immune system: until the last clone standing. Current Opinion in Immunology, 2011, 23, 549-554.	5.5	42
31	Killer Cell Assays. Methods in Microbiology, 2010, , 161-181.	0.8	1
32	Stem cell-like plasticity of naïve and distinct memory CD8+ T cell subsets. Seminars in Immunology, 2009, 21, 62-68.	5.6	69
33	Differential Antigen Processing by Dendritic Cell Subsets in Vivo. Science, 2007, 315, 107-111.	12.6	1,214
34	Origin of CD8+ effector and memory T cell subsets. Cellular and Molecular Immunology, 2007, 4, 399-405.	10.5	29