

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	Differential Antigen Processing by Dendritic Cell Subsets in Vivo. <i>Science</i> , 2007, 315, 107-111.	12.6	1,214
2	Disparate Individual Fates Compose Robust CD8 ⁺ T Cell Immunity. <i>Science</i> , 2013, 340, 630-635.	12.6	364
3	Serial Transfer of Single-Cell-Derived Immunocompetence Reveals Stemness of CD8 ⁺ Central Memory T Cells. <i>Immunity</i> , 2014, 41, 116-126.	14.3	290
4	Role of memory T cell subsets for adoptive immunotherapy. <i>Seminars in Immunology</i> , 2016, 28, 28-34.	5.6	179
5	T Cell Fate at the Single-Cell Level. <i>Annual Review of Immunology</i> , 2016, 34, 65-92.	21.8	131
6	Lowest numbers of primary CD8 ⁺ T cells can reconstitute protective immunity upon adoptive immunotherapy. <i>Blood</i> , 2014, 124, 628-637.	1.4	103
7	Antigen-dependent competition shapes the local repertoire of tissue-resident memory CD8 ⁺ T cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 3075-3086.	8.5	86
8	Reverse TCR repertoire evolution toward dominant low-affinity clones during chronic CMV infection. <i>Nature Immunology</i> , 2020, 21, 434-441.	14.5	85
9	Stem cell-like plasticity of naïve and distinct memory CD8 ⁺ T cell subsets. <i>Seminars in Immunology</i> , 2009, 21, 62-68.	5.6	69
10	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
11	Antigen Delivery to CD11c ⁺ CD8 ⁺ Dendritic Cells Induces Protective Immune Responses against Experimental Melanoma in Mice In Vivo. <i>Journal of Immunology</i> , 2014, 192, 5830-5838.	0.8	63
12	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
13	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
14	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
15	CD8 ⁺ T cell diversification by asymmetric cell division. <i>Nature Immunology</i> , 2015, 16, 891-893.	14.5	44
16	CD8 ⁺ T cell differentiation in the aging immune system: until the last clone standing. <i>Current Opinion in Immunology</i> , 2011, 23, 549-554.	5.5	42
17	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
18	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

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19	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
20	<scp>TCR</scp> repertoire evolution during maintenance of <scp>CMV</scp>-specific T cell populations. <i>Immunological Reviews</i> , 2018, 283, 113-128.	6.0	30
21	Origin of CD8+ effector and memory T cell subsets. <i>Cellular and Molecular Immunology</i> , 2007, 4, 399-405.	10.5	29
22	Multiplexed whole-animal imaging with reversibly switchable optoacoustic proteins. <i>Science Advances</i> , 2020, 6, eaaz6293.	10.3	27
23	The smallest unit: effector and memory CD8+ T cell differentiation on the single cell level. <i>Frontiers in Immunology</i> , 2013, 4, 31.	4.8	25
24	Antihypertensive drugs in COVID-19 infection. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 415-416.	3.0	24
25	Back to the Future: Effector Fate during T Cell Exhaustion. <i>Immunity</i> , 2019, 51, 970-972.	14.3	16
26	The origin of diversity: studying the evolution of multi-faceted CD8+ T cell responses. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1585-1595.	5.4	13
27	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
28	Single-Cell Resolution of T Cell Immune Responses. <i>Advances in Immunology</i> , 2018, 137, 1-41.	2.2	8
29	Expression of the Phosphatase Ppef2 Controls Survival and Function of CD8+ Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 222.	4.8	3
30	A Single-Cell Perspective on Memory T-Cell Differentiation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2021, 13, a038067.	5.5	3
31	Retrogenic Color-Barcoding for Fate Mapping of Single Innate Lymphocytes. <i>Methods in Molecular Biology</i> , 2022, 2463, 117-127.	0.9	2
32	T cell memories of past divisions. <i>Nature Immunology</i> , 2022, 23, 646-647.	14.5	2
33	Killer Cell Assays. <i>Methods in Microbiology</i> , 2010, , 161-181.	0.8	1
34	Single T Cell Potential. , 2016, , 384-389.		0