

Christian B Willberg

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

5,351
citations

159358

30
h-index

123241

61
g-index

67
all docs

67
docs citations

67
times ranked

8078
citing authors

#	ARTICLE	IF	CITATIONS
1	CD161 ⁺⁺ CD8 ⁺ T cells, including the MAIT cell subset, are specifically activated by IL-12+IL-18 in a TCR-independent manner. <i>European Journal of Immunology</i> , 2014, 44, 195-203.	1.6	484
2	MAIT cells are activated during human viral infections. <i>Nature Communications</i> , 2016, 7, 11653.	5.8	428
3	Analysis of CD161 expression on human CD8 ⁺ T cells defines a distinct functional subset with tissue-homing properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3006-3011.	3.3	359
4	Novel Adenovirus-Based Vaccines Induce Broad and Sustained T Cell Responses to HCV in Man. <i>Science Translational Medicine</i> , 2012, 4, 115ra1.	5.8	356
5	MAIT cells are licensed through granzyme exchange to kill bacterially sensitized targets. <i>Mucosal Immunology</i> , 2015, 8, 429-440.	2.7	341
6	Recognition of HLA-A3 and HLA-A11 by KIR3DL2 is peptide-specific. <i>European Journal of Immunology</i> , 2004, 34, 1673-1679.	1.6	277
7	CD161 Defines a Transcriptional and Functional Phenotype across Distinct Human T Cell Lineages. <i>Cell Reports</i> , 2014, 9, 1075-1088.	2.9	264
8	Toll-Like Receptor 8 Agonist and Bacteria Trigger Potent Activation of Innate Immune Cells in Human Liver. <i>PLoS Pathogens</i> , 2014, 10, e1004210.	2.1	204
9	Shared Alterations in NK Cell Frequency, Phenotype, and Function in Chronic Human Immunodeficiency Virus and Hepatitis C Virus Infections. <i>Journal of Virology</i> , 2005, 79, 12365-12374.	1.5	161
10	MAIT cells: new guardians of the liver. <i>Clinical and Translational Immunology</i> , 2016, 5, e98.	1.7	160
11	Exhaustion of Activated CD8 T Cells Predicts Disease Progression in Primary HIV-1 Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005661.	2.1	152
12	Macrophage Infection via Selective Capture of HIV-1-Infected CD4 ⁺ T Cells. <i>Cell Host and Microbe</i> , 2014, 16, 711-721.	5.1	143
13	Mucosal-Associated Invariant T-Cells: New Players in Anti-Bacterial Immunity. <i>Frontiers in Immunology</i> , 2014, 5, 450.	2.2	141
14	Nonprogressing HIV-infected children share fundamental immunological features of nonpathogenic SIV infection. <i>Science Translational Medicine</i> , 2016, 8, 358ra125.	5.8	121
15	CD161 ^{int} CD8 ⁺ T cells: a novel population of highly functional, memory CD8 ⁺ T cells enriched within the gut. <i>Mucosal Immunology</i> , 2016, 9, 401-413.	2.7	121
16	Mutant Prolactin Receptor and Familial Hyperprolactinemia. <i>New England Journal of Medicine</i> , 2013, 369, 2012-2020.	13.9	106
17	TLR signaling in human antigen-presenting cells regulates MR1-dependent activation of MAIT cells. <i>European Journal of Immunology</i> , 2016, 46, 1600-1614.	1.6	104
18	Shared and Distinct Phenotypes and Functions of Human CD161 ⁺⁺ V β 7.2 ⁺ T Cell Subsets. <i>Frontiers in Immunology</i> , 2017, 8, 1031.	2.2	101

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19	Pervasive Influence of Hepatitis C Virus on the Phenotype of Antiviral CD8+ T Cells. <i>Journal of Immunology</i> , 2004, 172, 1744-1753.	0.4	98
20	Human T cell receptor-mediated recognition of HLA-E. <i>European Journal of Immunology</i> , 2002, 32, 936-944.	1.6	97
21	Human T cell responses to Japanese encephalitis virus in health and disease. <i>Journal of Experimental Medicine</i> , 2016, 213, 1331-1352.	4.2	96
22	CD161 Defines a Functionally Distinct Subset of Pro-Inflammatory Natural Killer Cells. <i>Frontiers in Immunology</i> , 2018, 9, 486.	2.2	91
23	MAIT cells and viruses. <i>Immunology and Cell Biology</i> , 2018, 96, 630-641.	1.0	90
24	Nrf2 controls iron homeostasis in haemochromatosis and thalassaemia via Bmp6 and hepcidin. <i>Nature Metabolism</i> , 2019, 1, 519-531.	5.1	88
25	Liver cell lines for the study of hepatocyte functions and immunological response. <i>Liver International</i> , 2005, 25, 389-402.	1.9	59
26	MHC-peptide tetramers for the analysis of antigen-specific T cells. <i>Expert Review of Vaccines</i> , 2010, 9, 765-774.	2.0	57
27	CD32-Expressing CD4 T Cells Are Phenotypically Diverse and Can Contain Proviral HIV DNA. <i>Frontiers in Immunology</i> , 2018, 9, 928.	2.2	50
28	LLT1 and CD161 Expression in Human Germinal Centers Promotes B Cell Activation and CXCR4 Downregulation. <i>Journal of Immunology</i> , 2016, 196, 2085-2094.	0.4	49
29	Synergistic activation of pro-inflammatory type-2 CD8+ T lymphocytes by lipid mediators in severe eosinophilic asthma. <i>Mucosal Immunology</i> , 2018, 11, 1408-1419.	2.7	46
30	Human MAIT cells show metabolic quiescence with rapid glucose-dependent upregulation of granzyme B upon stimulation. <i>Immunology and Cell Biology</i> , 2018, 96, 666-674.	1.0	34
31	Potentially Exposed but Uninfected Individuals Produce Cytotoxic and Polyfunctional Human Immunodeficiency Virus Type 1-Specific CD8 ⁺ T-Cell Responses Which Can Be Defined to the Epitope Level. <i>Vaccine Journal</i> , 2008, 15, 1745-1748.	3.2	30
32	HCV immunology—Death and the maiden T cell. <i>Cell Death and Differentiation</i> , 2003, 10, S39-S47.	5.0	29
33	Analysis of the relationship between cytokine secretion and proliferative capacity in hepatitis C virus infection. <i>Journal of Viral Hepatitis</i> , 2007, 14, 492-502.	1.0	29
34	Innate-like CD8+ T cells and NK cells: converging functions and phenotypes. <i>Immunology</i> , 2018, 154, 547-556.	2.0	29
35	Human Immunodeficiency Virus Infection Impairs Th1 and Th17 Mycobacterium tuberculosis-Specific T-Cell Responses. <i>Journal of Infectious Diseases</i> , 2018, 217, 1782-1792.	1.9	26
36	CD161+CD4+ T cells are enriched in the liver during chronic hepatitis and associated with co-secretion of IL-22 and IFN- γ . <i>Frontiers in Immunology</i> , 2012, 3, 346.	2.2	25

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37	Molecular Analyses Define VÎ±7.2-JÎ±33+ MAIT Cell Depletion in HIV Infection. <i>Medicine (United States)</i> , 2015, 94, e1134.	0.4	23
38	CD32 expressing doublets in HIV-infected gut-associated lymphoid tissue are associated with a T follicular helper cell phenotype. <i>Mucosal Immunology</i> , 2019, 12, 1212-1219.	2.7	23
39	Inhibition of group B streptococcal growth by IFNÎ³-activated human glioblastoma cells. <i>Journal of Neuroimmunology</i> , 1998, 89, 191-197.	1.1	22
40	Protection of Hepatocytes from Cytotoxic T Cell Mediated Killing by Interferon-Alpha. <i>PLoS ONE</i> , 2007, 2, e791.	1.1	22
41	Soluble plasma programmed death 1 (PD-1) and Tim-3 in primary HIV infection. <i>Aids</i> , 2019, 33, 1253-1256.	1.0	20
42	Multi-functional lectin-like transcript-1: A new player in human immune regulation. <i>Immunology Letters</i> , 2016, 177, 62-69.	1.1	19
43	Epigenetic Features of HIV-Induced T-Cell Exhaustion Persist Despite Early Antiretroviral Therapy. <i>Frontiers in Immunology</i> , 2021, 12, 647688.	2.2	19
44	Levels of Human Immunodeficiency Virus DNA Are Determined Before ART Initiation and Linked to CD8 T-Cell Activation and Memory Expansion. <i>Journal of Infectious Diseases</i> , 2020, 221, 1135-1145.	1.9	17
45	Rapid Progressing Allele HLA-B35 Px Restricted Anti-HIV-1 CD8+ T Cells Recognize Vestigial CTL Epitopes. <i>PLoS ONE</i> , 2010, 5, e10249.	1.1	16
46	A mutation in X-linked inhibitor of apoptosis (G466X) leads to memory inflation of Epstein-Barr virus-specific T cells. <i>Clinical and Experimental Immunology</i> , 2014, 178, 470-482.	1.1	15
47	Immunity to HIV-1 Is Influenced by Continued Natural Exposure to Exogenous Virus. <i>PLoS Pathogens</i> , 2008, 4, e1000185.	2.1	14
48	HLA-B*14:02-Restricted Env-Specific CD8 + T-Cell Activity Has Highly Potent Antiviral Efficacy Associated with Immune Control of HIV Infection. <i>Journal of Virology</i> , 2017, 91, .	1.5	14
49	Antibody opsonization enhances <sc>MAIT</sc> cell responsiveness to bacteria via a <sc>TNF</sc>-dependent mechanism. <i>Immunology and Cell Biology</i> , 2019, 97, 538-551.	1.0	14
50	Expression of lectin-like transcript-1 in human tissues. <i>F1000Research</i> , 2016, 5, 2929.	0.8	11
51	Human MAIT Cell Activation In Vitro. <i>Methods in Molecular Biology</i> , 2020, 2098, 97-124.	0.4	10
52	Immunodominance of HIV-1 Specific CD8+ T-Cell Responses Is Related to Disease Progression Rate in Vertically Infected Adolescents. <i>PLoS ONE</i> , 2011, 6, e21135.	1.1	6
53	Defining T Cell Subsets in Human Tonsils Using ChipCytometry. <i>Journal of Immunology</i> , 2021, 206, 3073-3082.	0.4	5
54	Subdominant Gag-specific anti-HIV efficacy in an HLA-B*57-positive elite controller. <i>Aids</i> , 2016, 30, 972-974.	1.0	4

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55	Association of Differentiation State of CD4+ T Cells and Disease Progression in HIV-1 Perinatally Infected Children. PLoS ONE, 2012, 7, e29154.	1.1	4
56	Treatment interruption in chronic HIV-1 infection: does it deliver?. Current Opinion in HIV and AIDS, 2007, 2, 26-30.	1.5	2
57	Clinical and Translational Outcomes in Patients with Primary Sclerosing Cholangitis and Inflammatory Bowel Disease Receiving Vedolizumab. Gastroenterology, 2017, 152, S1186-S1187.	0.6	2
58	Rational Peptide Selection To Detect Human Immunodeficiency Virus Type 1-Specific T-Cell Responses under Resource-Limited Conditions. Vaccine Journal, 2007, 14, 785-788.	3.2	1
59	A loss-of-function mutation in the prolactin receptor causes familial hyperprolactinaemia. Endocrine Abstracts, 0, , .	0.0	0
60	Type-2 CD8+ T lymphocytes responsive to PGD2/LTE4 in severe eosinophilic asthma. , 2018, , .		0