

Marcus Buggert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68
papers

2,975
citations

24
h-index

54
g-index

78
ext. papers

4,612
ext. citations

12.5
avg, IF

4.81
L-index

#	Paper	IF	Citations
68	Ancestral SARS-CoV-2-specific T cells cross-recognize the Omicron variant.. <i>Nature Medicine</i> , 2022 ,	50.5	59
67	Salivary IgG to SARS-CoV-2 indicates seroconversion and correlates to serum neutralization in mRNA-vaccinated immunocompromised individuals.. <i>Med</i> , 2022 ,	31.7	5
66	NK cell frequencies, function and correlates to vaccine outcome in BNT162b2 mRNA anti-SARS-CoV-2 vaccinated healthy and immunocompromised individuals.. <i>Molecular Medicine</i> , 2022 , 28, 20	6.2	2
65	Elevated CD21 B Cell Frequency Is a Marker of Poor Immunity to Pfizer-BioNTech BNT162b2 mRNA Vaccine Against SARS-CoV-2 in Patients with Common Variable Immunodeficiency.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	0
64	Do reduced numbers of plasmacytoid dendritic cells contribute to the aggressive clinical course of COVID-19 in chronic lymphocytic leukemia?. <i>Scandinavian Journal of Immunology</i> , 2022 , e13153	3.4	1
63	Comparison of Lung-Homing Receptor Expression and Activation Profiles on NK Cell and T Cell Subsets in COVID-19 and Influenza.. <i>Frontiers in Immunology</i> , 2022 , 13, 834862	8.4	1
62	Neutralizing SARS-CoV-2 Antibodies in Commercial Immunoglobulin Products Give Patients with X-Linked Agammaglobulinemia Limited Passive Immunity to the Omicron Variant.. <i>Journal of Clinical Immunology</i> , 2022 , 1	5.7	1
61	MAIT cell compartment characteristics are associated with the immune response magnitude to the BNT162b2 mRNA anti-SARS-CoV-2 vaccine.. <i>Molecular Medicine</i> , 2022 , 28, 54	6.2	0
60	COVID-19 specific metabolic imprint yields insights into multi organ-system perturbations. <i>European Journal of Immunology</i> , 2021 ,	6.1	1
59	Safety and efficacy of the mRNA BNT162b2 vaccine against SARS-CoV-2 in five groups of immunocompromised patients and healthy controls in a prospective open-label clinical trial. <i>EBioMedicine</i> , 2021 , 74, 103705	8.8	34
58	T cell immunity to SARS-CoV-2. <i>Seminars in Immunology</i> , 2021 , 101505	10.7	11
57	Inverted CD8 T-Cell Exhaustion and Co-Stimulation Marker Balance Differentiate Aviremic HIV-2-Infected From Seronegative Individuals. <i>Frontiers in Immunology</i> , 2021 , 12, 744530	8.4	0
56	Expansions of adaptive-like NK cells with a tissue-resident phenotype in human lung and blood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	11
55	A biliary immune landscape map of primary sclerosing cholangitis reveals a dominant network of neutrophils and tissue-resident T cells. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	4
54	Deciphering the ins and outs of SARS-CoV-2-specific T cells. <i>Nature Immunology</i> , 2021 , 22, 8-9	19.1	1
53	SARS-CoV-2-specific humoral and cellular immunity persists through 9 months irrespective of COVID-19 severity at hospitalisation. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1306	6.8	16
52	Covid-19 in patients with chronic lymphocytic leukemia: clinical outcome and B- and T-cell immunity during 13 months in consecutive patients. <i>Leukemia</i> , 2021 ,	10.7	5

51	Identification of resident memory CD8 T cells with functional specificity for SARS-CoV-2 in unexposed oropharyngeal lymphoid tissue. <i>Science Immunology</i> , 2021 , 6, eabk0894	28	15
50	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
49	An evaluation of a FluoroSpot assay as a diagnostic tool to determine SARS-CoV-2 specific T cell responses. <i>PLoS ONE</i> , 2021 , 16, e0258041	3.7	6
48	The Identity of Human Tissue-Emigrant CD8 T Cells. <i>Cell</i> , 2020 , 183, 1946-1961.e15	56.2	25
47	Delayed Expression of PD-1 and TIGIT on HIV-Specific CD8 T Cells in Untreated HLA-B*57:01 Individuals Followed from Early Infection. <i>Journal of Virology</i> , 2020 , 94,	6.6	5
46	TOX is expressed by exhausted and polyfunctional human effector memory CD8 T cells. <i>Science Immunology</i> , 2020 , 5,	28	52
45	MAIT cell activation and dynamics associated with COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	28	74
44	The known unknowns of T cell immunity to COVID-19. <i>Science Immunology</i> , 2020 , 5,	28	60
43	Resident T17 cells "break bad" in kidney autoimmunity. <i>Science Immunology</i> , 2020 , 5,	28	1
42	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. <i>Cell</i> , 2020 , 183, 158-168.e14	56.2	955
41	Natural killer cell immunotypes related to COVID-19 disease severity. <i>Science Immunology</i> , 2020 , 5,	28	183
40	Cross-Reactive Antibodies With the Capacity to Mediate HIV-1 Envelope Glycoprotein-Targeted Antibody-Dependent Cellular Cytotoxicity Identified in HIV-2-Infected Individuals. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1749-1754	7	5
39	T follicular helper cells in human efferent lymph retain lymphoid characteristics. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3185-3200	15.9	78
38	Elite control of HIV is associated with distinct functional and transcriptional signatures in lymphoid tissue CD8 T cells. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	37
37	Everything in its right place: resident memory CD8+ T cell immunosurveillance of HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2019 , 14, 93-99	4.2	8
36	Human Immunodeficiency Virus-Infected Women Have High Numbers of CD103-CD8+ T Cells Residing Close to the Basal Membrane of the Ectocervical Epithelium. <i>Journal of Infectious Diseases</i> , 2018 , 218, 453-465	7	11
35	Assessment of the Synaptic Interface of Primary Human T Cells from Peripheral Blood and Lymphoid Tissue. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	2
34	Factors Influencing Functional Heterogeneity in Human Mucosa-Associated Invariant T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 1602	8.4	14

33	Human Immunodeficiency Virus Type-1 Elite Controllers Maintain Low Co-Expression of Inhibitory Receptors on CD4+ T Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 19	8.4	11
32	Human MAIT cells exit peripheral tissues and recirculate via lymph in steady state conditions. <i>JCI Insight</i> , 2018 , 3,	9.9	41
31	The CD4CD8 MAIT cell subpopulation is a functionally distinct subset developmentally related to the main CD8 MAIT cell pool. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11513-E11522	11.5	86
30	Spatial distribution and function of T follicular regulatory cells in human lymph nodes. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1531-1542	16.6	61
29	Identification and characterization of HIV-specific resident memory CD8 T cells in human lymphoid tissue. <i>Science Immunology</i> , 2018 , 3,	28	82
28	Limited immune surveillance in lymphoid tissue by cytolytic CD4+ T cells during health and HIV disease. <i>PLoS Pathogens</i> , 2018 , 14, e1006973	7.6	23
27	Perturbed CD8 T cell TIGIT/CD226/PVR axis despite early initiation of antiretroviral treatment in HIV infected individuals. <i>Scientific Reports</i> , 2017 , 7, 40354	4.9	42
26	Combined immunodeficiency and Epstein-Barr virus-induced B cell malignancy in humans with inherited CD70 deficiency. <i>Journal of Experimental Medicine</i> , 2017 , 214, 91-106	16.6	111
25	HIV-Specific CD8 T Cells Exhibit Reduced and Differentially Regulated Cytolytic Activity in Lymphoid Tissue. <i>Cell Reports</i> , 2017 , 21, 3458-3470	10.6	54
24	T-bet+ B cells are induced by human viral infections and dominate the HIV gp140 response. <i>JCI Insight</i> , 2017 , 2,	9.9	93
23	CD4+ T cells with an activated and exhausted phenotype distinguish immunodeficiency during aviremic HIV-2 infection. <i>Aids</i> , 2016 , 30, 2415-2426	3.5	21
22	Temporal Dynamics of CD8+ T Cell Effector Responses during Primary HIV Infection. <i>PLoS Pathogens</i> , 2016 , 12, e1005805	7.6	26
21	Elevated levels of invariant natural killer T-cell and natural killer cell activation correlate with disease progression in HIV-1 and HIV-2 infections. <i>Aids</i> , 2016 , 30, 1713-22	3.5	20
20	Regulation of CD8+ T-cell cytotoxicity in HIV-1 infection. <i>Cellular Immunology</i> , 2015 , 298, 126-33	4.4	15
19	Role of translocated bacterial flagellin in monocyte activation among individuals with chronic HIV-1 infection. <i>Clinical Immunology</i> , 2015 , 161, 180-9	9	7
18	Single-Cell Characterization of in vitro Migration and Interaction Dynamics of T Cells Expanded with IL-2 and IL-7. <i>Frontiers in Immunology</i> , 2015 , 6, 196	8.4	5
17	Multidimensional Clusters of CD4+ T Cell Dysfunction Are Primarily Associated with the CD4/CD8 Ratio in Chronic HIV Infection. <i>PLoS ONE</i> , 2015 , 10, e0137635	3.7	9
16	Arming of MAIT Cell Cytolytic Antimicrobial Activity Is Induced by IL-7 and Defective in HIV-1 Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1005072	7.6	141

15	Multiparametric bioinformatics distinguish the CD4/CD8 ratio as a suitable laboratory predictor of combined T cell pathogenesis in HIV infection. <i>Journal of Immunology</i> , 2014 , 192, 2099-108	5.3	51
14	NetFCM: a semi-automated web-based method for flow cytometry data analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014 , 85, 969-77	4.6	3
13	Functional avidity and IL-2/perforin production is linked to the emergence of mutations within HLA-B*5701-restricted epitopes and HIV-1 disease progression. <i>Journal of Immunology</i> , 2014 , 192, 4685-96	5.3	10
12	T-bet and Eomes are differentially linked to the exhausted phenotype of CD8+ T cells in HIV infection. <i>PLoS Pathogens</i> , 2014 , 10, e1004251	7.6	182
11	Targeting of conserved gag-epitopes in early HIV infection is associated with lower plasma viral load and slower CD4(+) T cell depletion. <i>AIDS Research and Human Retroviruses</i> , 2013 , 29, 602-12	1.6	9
10	Combination of immune and viral factors distinguishes low-risk versus high-risk HIV-1 disease progression in HLA-B*5701 subjects. <i>Journal of Virology</i> , 2012 , 86, 9802-16	6.6	19
9	Characterization of HIV-specific CD4+ T cell responses against peptides selected with broad population and pathogen coverage. <i>PLoS ONE</i> , 2012 , 7, e39874	3.7	19
8	Interdisciplinary analysis of HIV-specific CD8+ T cell responses against variant epitopes reveals restricted TCR promiscuity. <i>Journal of Immunology</i> , 2010 , 184, 5383-91	5.3	29
7	Ancestral SARS-CoV-2-specific T cells cross-recognize Omicron. <i>Nature Medicine</i> ,	50.5	0
6	Robust T cell immunity in convalescent individuals with asymptomatic or mild COVID-19		85
5	The identity of human tissue-emigrant CD8+ T cells		4
4	MAIT cell activation and dynamics associated with COVID-19 disease severity and outcome		9
3	Distinct lung-homing receptor expression and activation profiles on NK cell and T cell subsets in COVID-19 and influenza		4
2	Safety and efficacy of the mRNA BNT162b2 vaccine against SARS-CoV-2 in five groups of immunocompromised patients and healthy controls in a prospective open-label clinical trial		1
1	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19		1