

Annika C Karlsson

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,535
citations

236925

25
h-index

206112

48
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54
all docs

54
docs citations

54
times ranked

4731
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancestral SARS-CoV-2-specific T cells cross-recognize the Omicron variant. <i>Nature Medicine</i> , 2022, 28, 472-476.	30.7	333
2	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.	4.7	273
3	Comparison of the ELISPOT and cytokine flow cytometry assays for the enumeration of antigen-specific T cells. <i>Journal of Immunological Methods</i> , 2003, 283, 141-153.	1.4	200
4	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.	8.5	134
5	The known unknowns of T cell immunity to COVID-19. <i>Science Immunology</i> , 2020, 5, .	11.9	122
6	Diagnosis of primary HIV-1 infection and duration of follow-up after HIV exposure. <i>Aids</i> , 2000, 14, 2333-2339.	2.2	116
7	Immunologic and virologic evolution during periods of intermittent and persistent low-level viremia. <i>Aids</i> , 2004, 18, 981-989.	2.2	101
8	Viral dynamics in primary HIV-1 infection. <i>Aids</i> , 2000, 14, 2283-2291.	2.2	92
9	Seroreversion in Subjects Receiving Antiretroviral Therapy during Acute/Early HIV Infection. <i>Clinical Infectious Diseases</i> , 2006, 42, 700-708.	5.8	87
10	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.	11.9	71
11	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, 2099-2108.	0.8	69
12	Sequential Broadening of CTL Responses in Early HIV-1 Infection Is Associated with Viral Escape. <i>PLoS ONE</i> , 2007, 2, e225.	2.5	68
13	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.	3.3	65
14	Low Prevalence of Transmitted Drug Resistance in Patients Newly Diagnosed with HIV-1 Infection in Sweden 2003-2010. <i>PLoS ONE</i> , 2012, 7, e33484.	2.5	56
15	Broadly Immunogenic HLA Class I Supertype-Restricted Elite CTL Epitopes Recognized in a Diverse Population Infected with Different HIV-1 Subtypes. <i>Journal of Immunology</i> , 2008, 180, 5092-5100.	0.8	51
16	Characterization of the viral population during primary HIV-1 infection. <i>Aids</i> , 1998, 12, 839-847.	2.2	50
17	Dual Pressure from Antiretroviral Therapy and Cell-Mediated Immune Response on the Human Immunodeficiency Virus Type 1 Protease Gene. <i>Journal of Virology</i> , 2003, 77, 6743-6752.	3.4	46
18	Virologic and immunologic failure, drug resistance and mortality during the first 24 months postpartum among HIV-infected women initiated on antiretroviral therapy for life in the Mitra plus Study, Dar es Salaam, Tanzania. <i>BMC Infectious Diseases</i> , 2015, 15, 175.	2.9	45

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19	Reappearance of Founder Virus Sequence in Human Immunodeficiency Virus Type 1-Infected Patients. <i>Journal of Virology</i> , 1999, 73, 6191-6196.	3.4	38
20	Prevalence of drug resistance and importance of viral load measurements in Honduran HIV-infected patients failing antiretroviral treatment. <i>HIV Medicine</i> , 2010, 11, 95-103.	2.2	34
21	Interdisciplinary Analysis of HIV-Specific CD8+ T Cell Responses against Variant Epitopes Reveals Restricted TCR Promiscuity. <i>Journal of Immunology</i> , 2010, 184, 5383-5391.	0.8	34
22	The selection and evolution of viral quasispecies in HIV-1 infected children. <i>HIV Medicine</i> , 2002, 3, 1-11.	2.2	30
23	CD4+ T cells with an activated and exhausted phenotype distinguish immunodeficiency during aviremic HIV-2 infection. <i>Aids</i> , 2016, 30, 2415-2426.	2.2	30
24	Limited immune surveillance in lymphoid tissue by cytolytic CD4+ T cells during health and HIV disease. <i>PLoS Pathogens</i> , 2018, 14, e1006973.	4.7	30
25	Reduction of the HIV-1 reservoir in resting CD4+ T-lymphocytes by high dosage intravenous immunoglobulin treatment: a proof-of-concept study. <i>AIDS Research and Therapy</i> , 2009, 6, 15.	1.7	29
26	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, 1713-1722.	2.2	27
27	Initiation of Therapy during Primary HIV Type 1 Infection Results in a Continuous Decay of Proviral DNA and a Highly Restricted Viral Evolution. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 409-416.	1.1	25
28	PhyloTempo: A Set of R Scripts for Assessing and Visualizing Temporal Clustering in Genealogies Inferred from Serially Sampled Viral Sequences. <i>Evolutionary Bioinformatics</i> , 2012, 8, EBO.S9738.	1.2	24
29	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, 9802-9816.	3.4	22
30	Characterization of HIV-Specific CD4+ T Cell Responses against Peptides Selected with Broad Population and Pathogen Coverage. <i>PLoS ONE</i> , 2012, 7, e39874.	2.5	22
31	Induction of systemic HIV-1-specific cellular immune responses by oral exposure in the uninfected partner of discordant couples. <i>Aids</i> , 2010, 24, 969-974.	2.2	17
32	Recent Origin of Human Immunodeficiency Virus Type 1 Variants in Resting CD4+ T Lymphocytes in Untreated and Suboptimally Treated Subjects. <i>Journal of Infectious Diseases</i> , 2001, 184, 1392-1401.	4.0	16
33	Rapid Progressing Allele HLA-B35 P _x Restricted Anti-HIV-1 CD8+ T Cells Recognize Vestigial CTL Epitopes. <i>PLoS ONE</i> , 2010, 5, e10249.	2.5	16
34	Antiretroviral Drug Therapy Alters the Profile of Human Immunodeficiency Virus Type 1-Specific T-Cell Responses and Shifts the Immunodominant Cytotoxic T-Lymphocyte Response from Gag to Pol. <i>Journal of Virology</i> , 2007, 81, 11543-11548.	3.4	15
35	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.	4.0	15
36	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.	2.5	14

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37	Ancestral SARS-CoV-2-specific T cells cross-recognize Omicron. <i>Nature Medicine</i> , 0, , .	30.7	14
38	ELISPOT cell rescue. <i>Journal of Immunological Methods</i> , 2004, 288, 135-147.	1.4	13
39	Functional Avidity and IL-2/Perforin Production Is Linked to the Emergence of Mutations within HLA-B*5701-â€œRestricted Epitopes and HIV-1 Disease Progression. <i>Journal of Immunology</i> , 2014, 192, 4685-4696.	0.8	12
40	CD8 T cell effector maturation in HIV-1-infected children. <i>Virology</i> , 2006, 347, 117-126.	2.4	11
41	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, 602-612.	1.1	11
42	Identification of Conserved Subdominant HIV Type 1 CD8⁺ T Cell Epitopes Restricted Within Common HLA Supertypes for Therapeutic HIV Type 1 Vaccines. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1434-1443.	1.1	10
43	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.	4.8	8
44	Short Communication: High Prevalence of Drug Resistance in HIV Type 1-Infected Children Born in Honduras and Belize 2001 to 2004. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 1055-1059.	1.1	7
45	Net<sc>FCM</sc>: A semi-â€œautomated web-â€œbased method for flow cytometry data analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 969-977.	1.5	5
46	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, .	3.4	5
47	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.	4.8	5
48	Multidrug-resistant, dual-tropic HIV-1 and rapid progression. <i>Lancet, The</i> , 2005, 365, 1924-1925.	13.7	4
49	Identification of HLA-DPA1*020107 in an individual of Ugandan descent. <i>Human Immunology</i> , 2010, 71, 733-735.	2.4	4
50	Baseline CD4+ T Cell Counts Correlates with HIV-1 Synonymous Rate in HLA-B*5701 Subjects with Different Risk of Disease Progression. <i>PLoS Computational Biology</i> , 2014, 10, e1003830.	3.2	4
51	Newly Exerted T Cell Pressures on Mutated Epitopes following Transmission Help Maintain Consensus HIV-1 Sequences. <i>PLoS ONE</i> , 2015, 10, e0120787.	2.5	3
52	Genetic footprints of T cell exhaustion. <i>Translational Cancer Research</i> , 2017, 6, S65-S67.	1.0	1
53	P16-02. Induction of systemic HIV-1 specific cellular immune responses by oral exposure in exposed uninfected partner of discordant couples. <i>Retrovirology</i> , 2009, 6, .	2.0	0