

Alasdair Leslie

List of Publications by Year in descending order

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59
papers

7,875
citations

117625

34
h-index

128289

60
g-index

67
all docs

67
docs citations

67
times ranked

13838
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Receptor ACE2 Is an Interferon-Stimulated Gene in Human Airway Epithelial Cells and Is Detected in Specific Cell Subsets across Tissues. <i>Cell</i> , 2020, 181, 1016-1035.e19.	28.9	1,956
2	CD8+ T-cell responses to different HIV proteins have discordant associations with viral load. <i>Nature Medicine</i> , 2007, 13, 46-53.	30.7	910
3	Fitness Cost of Escape Mutations in p24 Gag in Association with Control of Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2006, 80, 3617-3623.	3.4	408
4	Adaptation of HIV-1 to human leukocyte antigen class I. <i>Nature</i> , 2009, 458, 641-645.	27.8	408
5	Human Innate Lymphoid Cell Subsets Possess Tissue-Type Based Heterogeneity in Phenotype and Frequency. <i>Immunity</i> , 2017, 46, 148-161.	14.3	380
6	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.	7.1	359
7	Magnitude and Kinetics of CD8+ T Cell Activation during Hyperacute HIV Infection Impact Viral Set Point. <i>Immunity</i> , 2015, 43, 591-604.	14.3	234
8	Transmission and accumulation of CTL escape variants drive negative associations between HIV polymorphisms and HLA. <i>Journal of Experimental Medicine</i> , 2005, 201, 891-902.	8.5	220
9	Biological Differences Between the Sexes and Susceptibility to Tuberculosis. <i>Journal of Infectious Diseases</i> , 2014, 209, S100-S106.	4.0	200
10	Compensatory Mutation Partially Restores Fitness and Delays Reversion of Escape Mutation within the Immunodominant HLA-B*5703-Restricted Gag Epitope in Chronic Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2007, 81, 8346-8351.	3.4	197
11	The Intracellular Sensor NOD2 Induces MicroRNA-29 Expression in Human Dendritic Cells to Limit IL-23 Release. <i>Immunity</i> , 2013, 39, 521-536.	14.3	177
12	Evolution of HLA-B*5703 HIV-1 escape mutations in HLA-B*5703 ⁺ individuals and their transmission recipients. <i>Journal of Experimental Medicine</i> , 2009, 206, 909-921.	8.5	165
13	Group 3 innate lymphoid cells mediate early protective immunity against tuberculosis. <i>Nature</i> , 2019, 570, 528-532.	27.8	153
14	Central Role of Reverting Mutations in HLA Associations with Human Immunodeficiency Virus Set Point. <i>Journal of Virology</i> , 2008, 82, 8548-8559.	3.4	152
15	Additive Contribution of HLA Class I Alleles in the Immune Control of HIV-1 Infection. <i>Journal of Virology</i> , 2010, 84, 9879-9888.	3.4	148
16	Control of Human Immunodeficiency Virus Type 1 Is Associated with HLA-B*13 and Targeting of Multiple Gag-Specific CD8 + T-Cell Epitopes. <i>Journal of Virology</i> , 2007, 81, 3667-3672.	3.4	138
17	Innate Lymphoid Cells Are Depleted Irreversibly during Acute HIV-1 Infection in the Absence of Viral Suppression. <i>Immunity</i> , 2016, 44, 391-405.	14.3	125
18	Nonprogressing HIV-infected children share fundamental immunological features of nonpathogenic SIV infection. <i>Science Translational Medicine</i> , 2016, 8, 358ra125.	12.4	121

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19	Integrated single-cell analysis of multicellular immune dynamics during hyperacute HIV-1 infection. <i>Nature Medicine</i> , 2020, 26, 511-518.	30.7	100
20	Association between injectable progestin-only contraceptives and HIV acquisition and HIV target cell frequency in the female genital tract in South African women: a prospective cohort study. <i>Lancet Infectious Diseases</i> , 2016, 16, 441-448.	9.1	94
21	Multimodal profiling of lung granulomas in macaques reveals cellular correlates of tuberculosis control. <i>Immunity</i> , 2022, 55, 827-846.e10.	14.3	92
22	Tissue-resident innate immunity in the lung. <i>Immunology</i> , 2020, 159, 245-256.	4.4	90
23	Differential Selection Pressure Exerted on HIV by CTL Targeting Identical Epitopes but Restricted by Distinct HLA Alleles from the Same HLA Supertype. <i>Journal of Immunology</i> , 2006, 177, 4699-4708.	0.8	79
24	Anti-PD-1 immunotherapy leads to tuberculosis reactivation via dysregulation of TNF- α . <i>ELife</i> , 2020, 9, .	6.0	76
25	TRAV1-2+ CD8+ T-cells including oligoclonal expansions of MAIT cells are enriched in the airways in human tuberculosis. <i>Communications Biology</i> , 2019, 2, 203.	4.4	60
26	Role of HLA Adaptation in HIV Evolution. <i>Frontiers in Immunology</i> , 2015, 6, 665.	4.8	52
27	Lung Tissue Resident Memory T-Cells in the Immune Response to <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Immunology</i> , 2019, 10, 992.	4.8	52
28	Tissue-resident-like CD4+ T cells secreting IL-17 control <i>Mycobacterium tuberculosis</i> in the human lung. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	51
29	Impact of HLA in Mother and Child on Disease Progression of Pediatric Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2009, 83, 10234-10244.	3.4	50
30	HLA-A*7401-mediated Control of HIV Viremia Is Independent of Its Linkage Disequilibrium with HLA-B*5703. <i>Journal of Immunology</i> , 2011, 186, 5675-5686.	0.8	49
31	CD8+ TCR Bias and Immunodominance in HIV-1 Infection. <i>Journal of Immunology</i> , 2015, 194, 5329-5345.	0.8	48
32	Differential skewing of donor-unrestricted and $\gamma\delta$ T cell repertoires in tuberculosis-infected human lungs. <i>Journal of Clinical Investigation</i> , 2019, 130, 214-230.	8.2	45
33	Type 3 ILCs in Lung Disease. <i>Frontiers in Immunology</i> , 2019, 10, 92.	4.8	42
34	RNA and Imidazoquinolines Are Sensed by Distinct TLR7/8 Ectodomain Sites Resulting in Functionally Disparate Signaling Events. <i>Journal of Immunology</i> , 2014, 192, 5963-5973.	0.8	38
35	Malnutrition in HIV-Infected Children Is an Indicator of Severe Disease with an Impaired Response to Antiretroviral Therapy. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 46-55.	1.1	35
36	Human and Murine Clonal CD8+ T Cell Expansions Arise during Tuberculosis Because of TCR Selection. <i>PLoS Pathogens</i> , 2015, 11, e1004849.	4.7	29

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37	High-Frequency, Functional HIV-Specific T-Follicular Helper and Regulatory Cells Are Present Within Germinal Centers in Children but Not Adults. <i>Frontiers in Immunology</i> , 2018, 9, 1975.	4.8	29
38	The Hypervariable HIV-1 Capsid Protein Residues Comprise HLA-Driven CD8+ T-Cell Escape Mutations and Covarying HLA-Independent Polymorphisms. <i>Journal of Virology</i> , 2011, 85, 1384-1390.	3.4	26
39	HLA-Cw*03-Restricted CD8 ⁺ T-Cell Responses Targeting the HIV-1 Gag Major Homology Region Drive Virus Immune Escape and Fitness Constraints Compensated for by Intracodon Variation. <i>Journal of Virology</i> , 2010, 84, 11279-11288.	3.4	25
40	Major TCR Repertoire Perturbation by Immunodominant HLA-B*44:03-Restricted CMV-Specific T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2539.	4.8	25
41	Vaginal microbiome-hormonal contraceptive interactions associate with the mucosal proteome and HIV acquisition. <i>PLoS Pathogens</i> , 2020, 16, e1009097.	4.7	18
42	Programmed death-1 expression on HIV-1-specific CD8+ T cells is shaped by epitope specificity, T-cell receptor clonotype usage and antigen load. <i>Aids</i> , 2014, 28, 2007-2021.	2.2	17
43	Pattern recognition receptor mediated downregulation of microRNA-650 fine-tunes MxA expression in dendritic cells infected with influenza A virus. <i>European Journal of Immunology</i> , 2016, 46, 167-177.	2.9	17
44	Snapin promotes HIV-1 transmission from dendritic cells by dampening TLR8 signaling. <i>EMBO Journal</i> , 2017, 36, 2998-3011.	7.8	15
45	Plasma concentration of injectable contraceptive correlates with reduced cervicovaginal growth factor expression in South African women. <i>Mucosal Immunology</i> , 2020, 13, 449-459.	6.0	15
46	Increased Regulatory T-Cell Activity and Enhanced T-Cell Homeostatic Signaling in Slow Progressing HIV-infected Children. <i>Frontiers in Immunology</i> , 2019, 10, 213.	4.8	13
47	Integrated transcriptomic analysis of human tuberculosis granulomas and a biomimetic model identifies therapeutic targets. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
48	Irreversible depletion of intestinal CD4+ T cells is associated with T cell activation during chronic HIV infection. <i>JCI Insight</i> , 2021, 6, .	5.0	11
49	Understanding the tuberculosis granuloma: the matrix revolutions. <i>Trends in Molecular Medicine</i> , 2022, 28, 143-154.	6.7	11
50	Differential Pathogen-Specific Immune Reconstitution in Antiretroviral Therapy-Treated Human Immunodeficiency Virus-Infected Children. <i>Journal of Infectious Diseases</i> , 2019, 219, 1407-1417.	4.0	10
51	Innate Lymphoid Cell Activation and Sustained Depletion in Blood and Tissue of Children Infected with HIV from Birth Despite Antiretroviral Therapy. <i>Cell Reports</i> , 2020, 32, 108153.	6.4	9
52	HLA-Specific Intracellular Epitope Processing Shapes an Immunodominance Pattern for HLA-B*57 That Is Distinct from HLA-B*58:01. <i>Journal of Virology</i> , 2013, 87, 10889-10894.	3.4	8
53	Increased Neutrophil Count and Decreased Neutrophil CD15 Expression Correlate With TB Disease Severity and Treatment Response Irrespective of HIV Co-infection. <i>Frontiers in Immunology</i> , 2020, 11, 1872.	4.8	8
54	Cytomegalovirus-Mediated T Cell Receptor Repertoire Perturbation Is Present in Early Life. <i>Frontiers in Immunology</i> , 2020, 11, 1587.	4.8	7

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55	Unbiased Profiling Reveals Compartmentalization of Unconventional T-Cells Within the Intestinal Mucosa Irrespective of HIV Infection. <i>Frontiers in Immunology</i> , 2020, 11, 579743.	4.8	7
56	HIV infection drives interferon signaling within intestinal SARS-CoV-2 target cells. <i>JCI Insight</i> , 2021, 6, .	5.0	7
57	Distinct Immunoglobulin Fc Glycosylation Patterns Are Associated with Disease Nonprogression and Broadly Neutralizing Antibody Responses in Children with HIV Infection. <i>MSphere</i> , 2020, 5, .	2.9	7
58	Plasma IL-5 but Not CXCL13 Correlates With Neutralization Breadth in HIV-Infected Children. <i>Frontiers in Immunology</i> , 2019, 10, 1497.	4.8	5
59	Young and Early Career Investigators: Report from a Global HIV Vaccine Enterprise Working Group. <i>Nature Precedings</i> , 2010, , .	0.1	2