

Thomas M Ashhurst

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,035
citations

567281

15
h-index

501196

28
g-index

36
all docs

36
docs citations

36
times ranked

1900
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Inflammatory Monocyte Modulation Using Immune-Modifying Microparticles. <i>Science Translational Medicine</i> , 2014, 6, 219ra7.	12.4	284
2	Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. <i>Cell Reports Medicine</i> , 2021, 2, 100208.	6.5	115
3	Integration, exploration, and analysis of high-dimensional single-cell cytometry data using Spectre. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 237-253.	1.5	78
4	Targeted blockade in lethal West Nile virus encephalitis indicates a crucial role for very late antigen (VLA)-4-dependent recruitment of nitric oxide-producing macrophages. <i>Journal of Neuroinflammation</i> , 2012, 9, 246.	7.2	65
5	Evaluating spectral cytometry for immune profiling in viral disease. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 1165-1179.	1.5	48
6	Varicella zoster virus productively infects human natural killer cells and manipulates phenotype. <i>PLoS Pathogens</i> , 2018, 14, e1006999.	4.7	43
7	An updated guide for the perplexed: cytometry in the high-dimensional era. <i>Nature Immunology</i> , 2021, 22, 1190-1197.	14.5	39
8	IRF9 Prevents CD8 ⁺ T Cell Exhaustion in an Extrinsic Manner during Acute Lymphocytic Choriomeningitis Virus Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	30
9	High-Dimensional Fluorescence Cytometry. <i>Current Protocols in Immunology</i> , 2017, 119, 5.8.1-5.8.38.	3.6	29
10	The plasticity of inflammatory monocyte responses to the inflamed central nervous system. <i>Cellular Immunology</i> , 2014, 291, 49-57.	3.0	26
11	IgG ⁺ B cells are associated with the development of multiple sclerosis. <i>Clinical and Translational Immunology</i> , 2020, 9, e01133.	3.8	23
12	The cytokines interleukin-6 and interferon- γ induce distinct microglia phenotypes. <i>Journal of Neuroinflammation</i> , 2022, 19, 96.	7.2	23
13	Zika virus encephalitis in immunocompetent mice is dominated by innate immune cells and does not require T or B cells. <i>Journal of Neuroinflammation</i> , 2019, 16, 177.	7.2	22
14	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity. <i>Nature Communications</i> , 2022, 13, 2774.	12.8	21
15	Defective Inflammatory Monocyte Development in IRF8-Deficient Mice Abrogates Migration to the West Nile Virus-Infected Brain. <i>Journal of Innate Immunity</i> , 2015, 7, 102-112.	3.8	20
16	Analysis of the Murine Bone Marrow Hematopoietic System Using Mass and Flow Cytometry. <i>Methods in Molecular Biology</i> , 2019, 1989, 159-192.	0.9	19
17	Contribution of STAT1 to innate and adaptive immunity during type I interferon-mediated lethal virus infection. <i>PLoS Pathogens</i> , 2020, 16, e1008525.	4.7	17
18	High-parameter cytometry unmasks microglial cell spatio-temporal response kinetics in severe neuroinflammatory disease. <i>Journal of Neuroinflammation</i> , 2021, 18, 166.	7.2	17

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19	Peripheral Bâ€cell dysregulation is associated with relapse after longâ€term quiescence in patients with multiple sclerosis. <i>Immunology and Cell Biology</i> , 2022, 100, 453-467.	2.3	13
20	ChronoClust: Density-based clustering and cluster tracking in high-dimensional time-series data. <i>Knowledge-Based Systems</i> , 2019, 174, 9-26.	7.1	12
21	Making the most of highâ€dimensional cytometry data. <i>Immunology and Cell Biology</i> , 2021, 99, 680-696.	2.3	12
22	Collateral Damage: What Effect Does Anti-CD4 and Anti-CD8Î± Antibodyâ€Mediated Depletion Have on Leukocyte Populations?. <i>Journal of Immunology</i> , 2018, 201, 2176-2186.	0.8	11
23	Immune dynamics in SARS-CoV-2 experienced immunosuppressed rheumatoid arthritis or multiple sclerosis patients vaccinated with mRNA-1273. <i>ELife</i> , 0, 11, .	6.0	11
24	Antiviral macrophage responses in flavivirus encephalitis. <i>Indian Journal of Medical Research</i> , 2013, 138, 632-47.	1.0	9
25	Intrapulmonary vaccination with delta-inulin adjuvant stimulates non-polarised chemotactic signalling and diverse cellular interaction. <i>Mucosal Immunology</i> , 2021, 14, 762-773.	6.0	8
26	Staining of Phosphorylated Signalling Markers Protocol for Mass Cytometry. <i>Methods in Molecular Biology</i> , 2019, 1989, 139-146.	0.9	6
27	Abstract 2307: Preclinical evaluation of TC-210, a mesothelin-specific T cell receptor (TCR) fusion construct (TRuCâ„¦) T cells for the treatment of solid tumors. <i>Cancer Research</i> , 2019, 79, 2307-2307.	0.9	3
28	Using single-cell cytometry to illustrate integrated multi-perspective evaluation of clustering algorithms using Pareto fronts. <i>Bioinformatics</i> , 2021, 37, 1972-1981.	4.1	2
29	Dimensionality Reduction for Clustering and Cluster Tracking of Cytometry Data. <i>Lecture Notes in Computer Science</i> , 2019, , 624-640.	1.3	2
30	<scp>TrackSOM</scp>: Mapping immune response dynamics through clustering of timeâ€course cytometry data. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2023, 103, 54-70.	1.5	0