Thomas M Ashhurst

List of Publications by Year
in descending order

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	<scp>TrackSOM</scp>: Mapping immune response dynamics through clustering of timeâ€course cytometry data. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2023, 103, 54-70.	1.5	0
2	Integration, exploration, and analysis of highâ€dimensional singleâ€cell cytometry data using Spectre. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 237-253.	1.5	78
3	The cytokines interleukin-6 and interferon-Î± induce distinct microglia phenotypes. Journal of Neuroinflammation, 2022, 19, 96.	7.2	23
4	Peripheral Bâ€cell dysregulation is associated with relapse after longâ€term quiescence in patients with multiple sclerosis. Immunology and Cell Biology, 2022, 100, 453-467.	2.3	13
5	SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity. Nature Communications, 2022, 13, 2774.	12.8	21
6	Intrapulmonary vaccination with delta-inulin adjuvant stimulates non-polarised chemotactic signalling and diverse cellular interaction. Mucosal Immunology, 2021, 14, 762-773.	6.0	8
7	Integrated immune dynamics define correlates of COVID-19 severity and antibody responses. Cell Reports Medicine, 2021, 2, 100208.	6.5	115
8	Making the most of highâ€dimensional cytometry data. Immunology and Cell Biology, 2021, 99, 680-696.	2.3	12
9	High-parameter cytometry unmasks microglial cell spatio-temporal response kinetics in severe neuroinflammatory disease. Journal of Neuroinflammation, 2021, 18, 166.	7.2	17
10	An updated guide for the perplexed: cytometry in the high-dimensional era. Nature Immunology, 2021, 22, 1190-1197.	14.5	39
11	Using single-cell cytometry to illustrate integrated multi-perspective evaluation of clustering algorithms using Pareto fronts. Bioinformatics, 2021, 37, 1972-1981.	4.1	2
12	Evaluating spectral cytometry for immune profiling in viral disease. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 1165-1179.	1.5	48
13	IgG 3 + B cells are associated with the development of multiple sclerosis. Clinical and Translational Immunology, 2020, 9, e01133.	3.8	23
14	Contribution of STAT1 to innate and adaptive immunity during type I interferon-mediated lethal virus infection. PLoS Pathogens, 2020, 16, e1008525.	4.7	17
15	Zika virus encephalitis in immunocompetent mice is dominated by innate immune cells and does not require T or B cells. Journal of Neuroinflammation, 2019, 16, 177.	7.2	22
16	Analysis of the Murine Bone Marrow Hematopoietic System Using Mass and Flow Cytometry. Methods in Molecular Biology, 2019, 1989, 159-192.	0.9	19
17	Staining of Phosphorylated Signalling Markers Protocol for Mass Cytometry. Methods in Molecular Biology, 2019, 1989, 139-146.	0.9	6
18	ChronoClust: Density-based clustering and cluster tracking in high-dimensional time-series data. Knowledge-Based Systems, 2019, 174, 9-26.	7.1	12

#	Article	IF	Citations
19	Dimensionality Reduction for Clustering and Cluster Tracking of Cytometry Data. Lecture Notes in Computer Science, 2019, , 624-640.	1.3	2
20	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. Cancer Research, 2019, 79, 2307-2307.	0.9	3
21	Collateral Damage: What Effect Does Anti-CD4 and Anti-CD8Î± Antibodyâ€“Mediated Depletion Have on Leukocyte Populations?. Journal of Immunology, 2018, 201, 2176-2186.	0.8	11
22	Varicella zoster virus productively infects human natural killer cells and manipulates phenotype. PLoS Pathogens, 2018, 14, e1006999.	4.7	43
23	Highâ€Ðimensional Fluorescence Cytometry. Current Protocols in Immunology, 2017, 119, 5.8.1-5.8.38.	3.6	29
24	IRF9 Prevents CD8 ⁺ T Cell Exhaustion in an Extrinsic Manner during Acute Lymphocytic Choriomeningitis Virus Infection. Journal of Virology, 2017, 91, .	3.4	30
25	Defective Inflammatory Monocyte Development in IRF8-Deficient Mice Abrogates Migration to the West Nile Virus-Infected Brain. Journal of Innate Immunity, 2015, 7, 102-112.	3.8	20
26	Therapeutic Inflammatory Monocyte Modulation Using Immune-Modifying Microparticles. Science Translational Medicine, 2014, 6, 219ra7.	12.4	284
27	The plasticity of inflammatory monocyte responses to the inflamed central nervous system. Cellular Immunology, 2014, 291, 49-57.	3.0	26
28	Antiviral macrophage responses in flavivirus encephalitis. Indian Journal of Medical Research, 2013, 138, 632-47.	1.0	9
29	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. Journal of Neuroinflammation, 2012, 9, 246.	7.2	65
30	Immune dynamics in SARS-CoV-2 experienced immunosuppressed rheumatoid arthritis or multiple sclerosis patients vaccinated with mRNA-1273. ELife, 0, 11, .	6.0	11