Zicheng Hu

List of Publications by Year
in descending order

14 papers	3,364 citations	1040056 9 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	6358 citing authors

#	Article	IF	Citations
1	xCell: digitally portraying the tissue cellular heterogeneity landscape. Genome Biology, 2017, 18, 220.	8.8	2,572
2	ImmPort, toward repurposing of open access immunological assay data for translational and clinical research. Scientific Data, 2018, 5, 180015.	5.3	529
3	MetaCyto: A Tool for Automated Meta-analysis of Mass and Flow Cytometry Data. Cell Reports, 2018, 24, 1377-1388.	6.4	52
4	The 10,000 Immunomes Project: Building a Resource for Human Immunology. Cell Reports, 2018, 25, 513-522.e3.	6.4	40
5	A robust and interpretable end-to-end deep learning model for cytometry data. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21373-21380.	7.1	40
6	Application of Machine Learning for Cytometry Data. Frontiers in Immunology, 2021, 12, 787574.	4.8	30
7	Robust prediction of clinical outcomes using cytometry data. Bioinformatics, 2019, 35, 1197-1203.	4.1	25
8	Tumor-associated myeloid cells provide critical support for T-ALL. Blood, 2020, 136, 1837-1850.	1.4	16
9	Individualized Constellation of Killer Cell Immunoglobulin-Like Receptors and Cognate HLA Class I Ligands that Controls Natural Killer Cell Antiviral Immunity Predisposes COVID-19. Frontiers in Genetics, 2022, 13, 845474.	2.3	15
10	TNF-α+ CD4+ TÂcells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies. Cell Reports Medicine, 2022, 3, 100640.	6.5	15
11	Deep phenotyping of Alzheimer's disease leveraging electronic medical records identifies sex-specific clinical associations. Nature Communications, 2022, 13, 675.	12.8	10
12	Systematic identification of ACE2 expression modulators reveals cardiomyopathy as a risk factor for mortality in COVID-19 patients. Genome Biology, 2022, 23, 15.	8.8	7
13	Detecting T cell activation using a varying dimension Bayesian model. Journal of Applied Statistics, 2018, 45, 697-713.	1.3	2
14	Opportunities and Challenges in Democratizing Immunology Datasets. Frontiers in Immunology, 2021, 12, 647536.	4.8	2