

Jinmiao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

8,743
citations

159585

30
h-index

289244

40
g-index

47
all docs

47
docs citations

47
times ranked

14332
citing authors

#	ARTICLE	IF	CITATIONS
1	C-Myb+ Erythro-Myeloid Progenitor-Derived Fetal Monocytes Give Rise to Adult Tissue-Resident Macrophages. <i>Immunity</i> , 2015, 42, 665-678.	14.3	847
2	Unsupervised High-Dimensional Analysis Aligns Dendritic Cells across Tissues and Species. <i>Immunity</i> , 2016, 45, 669-684.	14.3	683
3	Two distinct interstitial macrophage populations coexist across tissues in specific subtissular niches. <i>Science</i> , 2019, 363, .	12.6	676
4	A benchmark of batch-effect correction methods for single-cell RNA sequencing data. <i>Genome Biology</i> , 2020, 21, 12.	8.8	586
5	Self-renewing resident cardiac macrophages limit adverse remodeling following myocardial infarction. <i>Nature Immunology</i> , 2019, 20, 29-39.	14.5	537
6	Identification of cDC1- and cDC2-committed DC progenitors reveals early lineage priming at the common DC progenitor stage in the bone marrow. <i>Nature Immunology</i> , 2015, 16, 718-728.	14.5	475
7	Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. <i>Immunity</i> , 2018, 48, 364-379.e8.	14.3	450
8	Mapping the human DC lineage through the integration of high-dimensional techniques. <i>Science</i> , 2017, 356, .	12.6	429
9	Metformin as adjunct antituberculosis therapy. <i>Science Translational Medicine</i> , 2014, 6, 263ra159.	12.4	404
10	Fate Mapping via Ms4a3-Expression History Traces Monocyte-Derived Cells. <i>Cell</i> , 2019, 178, 1509-1525.e19.	28.9	361
11	High-dimensional analysis of the murine myeloid cell system. <i>Nature Immunology</i> , 2014, 15, 1181-1189.	14.5	349
12	Single-Cell Analysis of Human Mononuclear Phagocytes Reveals Subset-Defining Markers and Identifies Circulating Inflammatory Dendritic Cells. <i>Immunity</i> , 2019, 51, 573-589.e8.	14.3	336
13	Cytofkit: A Bioconductor Package for an Integrated Mass Cytometry Data Analysis Pipeline. <i>PLoS Computational Biology</i> , 2016, 12, e1005112.	3.2	302
14	Induced-Pluripotent-Stem-Cell-Derived Primitive Macrophages Provide a Platform for Modeling Tissue-Resident Macrophage Differentiation and Function. <i>Immunity</i> , 2017, 47, 183-198.e6.	14.3	245
15	Cross-tissue single-cell landscape of human monocytes and macrophages in health and disease. <i>Immunity</i> , 2021, 54, 1883-1900.e5.	14.3	233
16	A Single-Cell Sequencing Guide for Immunologists. <i>Frontiers in Immunology</i> , 2018, 9, 2425.	4.8	167
17	flowAI: automatic and interactive anomaly discerning tools for flow cytometry data. <i>Bioinformatics</i> , 2016, 32, 2473-2480.	4.1	166
18	Plasmacytoid dendritic cells develop from Ly6D+ lymphoid progenitors distinct from the myeloid lineage. <i>Nature Immunology</i> , 2019, 20, 852-864.	14.5	162

#	ARTICLE	IF	CITATIONS
19	Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. <i>Immunity</i> , 2020, 53, 303-318.e5.	14.3	153
20	IgG1 memory B cells keep the memory of IgE responses. <i>Nature Communications</i> , 2017, 8, 641.	12.8	143
21	Mapping the Diversity of Follicular Helper T Cells in Human Blood and Tonsils Using High-Dimensional Mass Cytometry Analysis. <i>Cell Reports</i> , 2015, 11, 1822-1833.	6.4	140
22	Host sirtuin 1 regulates mycobacterial immunopathogenesis and represents a therapeutic target against tuberculosis. <i>Science Immunology</i> , 2017, 2, .	11.9	104
23	A subset of Kupffer cells regulates metabolism through the expression of CD36. <i>Immunity</i> , 2021, 54, 2101-2116.e6.	14.3	99
24	A Novel, Five-Marker Alternative to CD16 ⁺ CD14 Gating to Identify the Three Human Monocyte Subsets. <i>Frontiers in Immunology</i> , 2019, 10, 1761.	4.8	77
25	Mpath maps multi-branching single-cell trajectories revealing progenitor cell progression during development. <i>Nature Communications</i> , 2016, 7, 11988.	12.8	67
26	Non-terminally exhausted tumor-resident memory HBV-specific T _H cell responses correlate with relapse-free survival in hepatocellular carcinoma. <i>Immunity</i> , 2021, 54, 1825-1840.e7.	14.3	64
27	Multifactorial heterogeneity of virus-specific T cells and association with the progression of human chronic hepatitis B infection. <i>Science Immunology</i> , 2019, 4, .	11.9	57
28	A Subset of Type I Conventional Dendritic Cells Controls Cutaneous Bacterial Infections through VEGF β -Mediated Recruitment of Neutrophils. <i>Immunity</i> , 2019, 50, 1069-1083.e8.	14.3	50
29	DISCO: a database of Deeply Integrated human Single-Cell Omics data. <i>Nucleic Acids Research</i> , 2022, 50, D596-D602.	14.5	49
30	Uncoupling immune trajectories of response and adverse events from anti-PD-1 immunotherapy in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2022, 77, 683-694.	3.7	45
31	Large-Scale HLA Tetramer Tracking of T Cells during Dengue Infection Reveals Broad Acute Activation and Differentiation into Two Memory Cell Fates. <i>Immunity</i> , 2019, 51, 1119-1135.e5.	14.3	35
32	Establishing High Dimensional Immune Signatures from Peripheral Blood via Mass Cytometry in a Discovery Cohort of Stage IV Melanoma Patients. <i>Journal of Immunology</i> , 2017, 198, 927-936.	0.8	33
33	Iqgap3-Ras axis drives stem cell proliferation in the stomach corpus during homeostasis and repair. <i>Gut</i> , 2021, 70, 1833-1846.	12.1	33
34	Resident macrophages restrain pathological adipose tissue remodeling and protect vascular integrity in obese mice. <i>EMBO Reports</i> , 2021, 22, e52835.	4.5	28
35	Constructing cell lineages from single-cell transcriptomes. <i>Molecular Aspects of Medicine</i> , 2018, 59, 95-113.	6.4	27
36	Pre-training graph neural networks for link prediction in biomedical networks. <i>Bioinformatics</i> , 2022, 38, 2254-2262.	4.1	26

#	ARTICLE	IF	CITATIONS
37	The Extended Polydimensional Immunome Characterization (EPIC) web-based reference and discovery tool for cytometry data. <i>Nature Biotechnology</i> , 2020, 38, 679-684.	17.5	25
38	Comment on "Tumor-initiating cells establish an IL-33/TGF- β niche signaling loop to promote cancer progression". <i>Science</i> , 2021, 372, .	12.6	4