

Anna Aschenbrenner

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

4,375
citations

430754

18
h-index

454834

30
g-index

42
all docs

42
docs citations

42
times ranked

8447
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	13.5	1,162
2	COVID-19 and the human innate immune system. <i>Cell</i> , 2021, 184, 1671-1692.	13.5	524
3	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	13.7	375
4	FOXO-dependent regulation of innate immune homeostasis. <i>Nature</i> , 2010, 463, 369-373.	13.7	314
5	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	6.6	278
6	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. <i>Cell</i> , 2021, 184, 6243-6261.e27.	13.5	277
7	Neutrophils in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 652470.	2.2	206
8	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	3.6	193
9	Early IFN- γ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	6.6	145
10	The Myeloid Cell Compartmentâ€”Cell by Cell. <i>Annual Review of Immunology</i> , 2019, 37, 269-293.	9.5	140
11	Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. <i>Immunity</i> , 2017, 47, 1051-1066.e12.	6.6	133
12	Complement activation induces excessive T cell cytotoxicity in severe COVID-19. <i>Cell</i> , 2022, 185, 493-512.e25.	13.5	122
13	Complementation In Trans of Altered ThymocyteÂDevelopment in Mice Expressing MutantÂForms of the Adaptor Molecule SLP76. <i>Immunity</i> , 2008, 28, 359-369.	6.6	93
14	Epigenetic reprogramming of immune cells in injury, repair, and resolution. <i>Journal of Clinical Investigation</i> , 2019, 129, 2994-3005.	3.9	55
15	Dysregulated Functions of Lung Macrophage Populations in COPD. <i>Journal of Immunology Research</i> , 2018, 2018, 1-19.	0.9	51
16	Urban living in healthy Tanzanians is associated with an inflammatory status driven by dietary and metabolic changes. <i>Nature Immunology</i> , 2021, 22, 287-300.	7.0	38
17	Enhanced lipid biosynthesis in human tumor-induced macrophages contributes to their protumoral characteristics. , 2020, 8, e000638.		33
18	Murine Creld1 Controls Cardiac Development through Activation of Calcineurin/NFATc1 Signaling. <i>Developmental Cell</i> , 2014, 28, 711-726.	3.1	30

#	ARTICLE	IF	CITATIONS
19	NCX1 represents an ionic Na ⁺ sensing mechanism in macrophages. PLoS Biology, 2020, 18, e3000722.	2.6	22
20	Alveolar macrophage transcriptomic profiling in COPD shows major lipid metabolism changes. ERJ Open Research, 2021, 7, 00915-2020.	1.1	20
21	Differential Gene Expression in Circulating CD14 ⁺ Monocytes Indicates the Prognosis of Critically Ill Patients with Sepsis. Journal of Clinical Medicine, 2020, 9, 127.	1.0	18
22	Classes of non-conventional tetraspanins defined by alternative splicing. Scientific Reports, 2019, 9, 14075.	1.6	16
23	Systems immunology allows a new view on human dendritic cells. Seminars in Cell and Developmental Biology, 2019, 86, 15-23.	2.3	13
24	CRELD1 modulates homeostasis of the immune system in mice and humans. Nature Immunology, 2020, 21, 1517-1527.	7.0	13
25	Credl1 regulates myocardial development and function. Journal of Molecular and Cellular Cardiology, 2021, 156, 45-56.	0.9	11
26	Mature neutrophils and a NFκB-to-IFN transition determine the unifying disease recovery dynamics in COVID-19. Cell Reports Medicine, 2022, , 100652.	3.3	9
27	The Wurst protein. Cell Adhesion and Migration, 2009, 3, 14-18.	1.1	8
28	New "eprogrammers" in tissue macrophage activation. Pflugers Archiv European Journal of Physiology, 2017, 469, 375-383.	1.3	7
29	Induction of Rosette-to-Lumen stage embryoids using reprogramming paradigms in ESCs. Nature Communications, 2021, 12, 7322.	5.8	6
30	Modeling population heterogeneity from microbial communities to immune response in cells. Cellular and Molecular Life Sciences, 2020, 77, 415-432.	2.4	5
31	A cross-species approach to identify transcriptional regulators exemplified for Dnajc22 and Hnf4a. Scientific Reports, 2017, 7, 4056.	1.6	3