

# Anna Aschenbrenner

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36

papers

1,822

citations

16

h-index

42

g-index

42

ext. papers

3,288

ext. citations

21.7

avg, IF

5.66

L-index

#	Paper	IF	Citations
36	Complement activation induces excessive T cell cytotoxicity in severe COVID-19.. <i>Cell</i> , <b>2021</b> ,	56.2	9
35	Induction of Rosette-to-Lumen stage embryoids using reprogramming paradigms in ESCs.. <i>Nature Communications</i> , <b>2021</b> , 12, 7322	17.4	1
34	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis.. <i>Cell</i> , <b>2021</b> , 184, 6243-6261.e27	56.2	9
33	Neutrophils in COVID-19. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 652470	8.4	61
32	COVID-19 and the human innate immune system. <i>Cell</i> , <b>2021</b> , 184, 1671-1692	56.2	175
31	Alveolar macrophage transcriptomic profiling in COPD shows major lipid metabolism changes. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	4
30	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , <b>2021</b> , 594, 265-270	50.4	89
29	Creld1 regulates myocardial development and function. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 156, 45-56	5.8	3
28	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , <b>2021</b> , 13, 7	14.4	73
27	Urban living in healthy Tanzanians is associated with an inflammatory status driven by dietary and metabolic changes. <i>Nature Immunology</i> , <b>2021</b> , 22, 287-300	19.1	13
26	Early IFN- $\beta$ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , <b>2021</b> , 54, 2650-2669.e14	32.3	31
25	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , <b>2020</b> , 21, 1517-1527	19.1	3
24	NCX1 represents an ionic Na <sup>+</sup> sensing mechanism in macrophages. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000722	9.7	7
23	Differential Gene Expression in Circulating CD14 Monocytes Indicates the Prognosis of Critically Ill Patients with Sepsis. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	9
22	Modeling population heterogeneity from microbial communities to immune response in cells. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 415-432	10.3	2
21	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , <b>2020</b> , 53, 1296-1314.e9	32.3	109
20	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , <b>2020</b> , 182, 1419-1440.e23	56.2	558

19	Enhanced lipid biosynthesis in human tumor-induced macrophages contributes to their protumoral characteristics <b>2020</b> , 8,		16
18	Classes of non-conventional tetraspanins defined by alternative splicing. <i>Scientific Reports</i> , <b>2019</b> , 9, 140759		11
17	Epigenetic reprogramming of immune cells in injury, repair, and resolution. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 2994-3005	15.9	26
16	The Myeloid Cell Compartment-Cell by Cell. <i>Annual Review of Immunology</i> , <b>2019</b> , 37, 269-293	34.7	72
15	Systems immunology allows a new view on human dendritic cells. <i>Seminars in Cell and Developmental Biology</i> , <b>2019</b> , 86, 15-23	7.5	11
14	Dysregulated Functions of Lung Macrophage Populations in COPD. <i>Journal of Immunology Research</i> , <b>2018</b> , 2018, 2349045	4.5	38
13	New "programmers" in tissue macrophage activation. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2017</b> , 469, 375-383	4.6	7
12	A cross-species approach to identify transcriptional regulators exemplified for Dnajc22 and Hnf4a. <i>Scientific Reports</i> , <b>2017</b> , 7, 4056	4.9	2
11	Multidimensional Model of Human Macrophage Activation <b>2017</b> , 1-5		
10	Cellular Differentiation of Human Monocytes Is Regulated by Time-Dependent Interleukin-4 Signaling and the Transcriptional Regulator NCOR2. <i>Immunity</i> , <b>2017</b> , 47, 1051-1066.e12	32.3	82
9	Murine Creld1 controls cardiac development through activation of calcineurin/NFATc1 signaling. <i>Developmental Cell</i> , <b>2014</b> , 28, 711-26	10.2	21
8	FOXO-dependent regulation of innate immune homeostasis. <i>Nature</i> , <b>2010</b> , 463, 369-73	50.4	244
7	The Wurst protein: a novel endocytosis regulator involved in airway clearance and respiratory tube size control. <i>Cell Adhesion and Migration</i> , <b>2009</b> , 3, 14-8	3.2	7
6	Complementation in trans of altered thymocyte development in mice expressing mutant forms of the adaptor molecule SLP76. <i>Immunity</i> , <b>2008</b> , 28, 359-69	32.3	87
5	Alterations of multiple alveolar macrophage states in chronic obstructive pulmonary disease		7
4	Suppressive myeloid cells are a hallmark of severe COVID-19		10
3	Swarm Learning as a privacy-preserving machine learning approach for disease classification		3
2	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients		7

1 Cellular reprogramming of human monocytes is regulated by time-dependent IL4 signalling and NCOR2

1