

# Jonas Schulte-Schrepping

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1117138/publications.pdf>

Version: 2024-02-01

21  
papers

4,775  
citations

471509

17  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

9213  
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.	28.9	1,162
2	Western Diet Triggers NLRP3-Dependent Innate Immune Reprogramming. <i>Cell</i> , 2018, 172, 162-175.e14.	28.9	705
3	Microbiome Influences Prenatal and Adult Microglia in a Sex-Specific Manner. <i>Cell</i> , 2018, 172, 500-516.e16.	28.9	563
4	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375
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.	14.3	278
6	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	28.9	277
7	BCG Vaccination in Humans Elicits Trained Immunity via the Hematopoietic Progenitor Compartment. <i>Cell Host and Microbe</i> , 2020, 28, 322-334.e5.	11.0	269
8	Neutrophils in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 652470.	4.8	206
9	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	8.2	193
10	Monocytes and Macrophages in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 720109.	4.8	168
11	Early IFN- $\gamma$ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	14.3	145
12	The Myeloid Cell Compartmentâ€”Cell by Cell. <i>Annual Review of Immunology</i> , 2019, 37, 269-293.	21.8	140
13	Mannose receptor induces T-cell tolerance via inhibition of CD45 and up-regulation of CTLA-4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10649-10654.	7.1	78
14	Scalable Prediction of Acute Myeloid Leukemia Using High-Dimensional Machine Learning and Blood Transcriptomics. <i>IScience</i> , 2020, 23, 100780.	4.1	55
15	CD163 expression defines specific, IRF8-dependent, immune-modulatory macrophages in the bone marrow. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1137-1151.	2.9	27
16	Severe COVID-19 Shares a Common Neutrophil Activation Signature with Other Acute Inflammatory States. <i>Cells</i> , 2022, 11, 847.	4.1	27
17	NCX1 represents an ionic Na <sup>+</sup> sensing mechanism in macrophages. <i>PLoS Biology</i> , 2020, 18, e3000722.	5.6	22
18	Soluble mannose receptor induces proinflammatory macrophage activation and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17

#	ARTICLE	IF	CITATIONS
19	CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527.	14.5	13
20	Optimized workflow for single-cell transcriptomics on infectious diseases including COVID-19. <i>STAR Protocols</i> , 2020, 1, 100233.	1.2	10
21	A Bioinformatic Toolkit for Single-Cell mRNA Analysis. <i>Methods in Molecular Biology</i> , 2019, 1979, 433-455.	0.9	2