

Sarah Kim-Hellmuth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1816788/publications.pdf>

Version: 2024-02-01

25
papers

12,077
citations

394286

19
h-index

580701

25
g-index

31
all docs

31
docs citations

31
times ranked

25024
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic effects on gene expression across human tissues. <i>Nature</i> , 2017, 550, 204-213.	13.7	3,500
2	The GTEx Consortium atlas of genetic regulatory effects across human tissues. <i>Science</i> , 2020, 369, 1318-1330.	6.0	2,385
3	5'-Triphosphate RNA Is the Ligand for RIG-I. <i>Science</i> , 2006, 314, 994-997.	6.0	2,094
4	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	13.5	1,162
5	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	13.7	375
6	The impact of sex on gene expression across human tissues. <i>Science</i> , 2020, 369, .	6.0	329
7	Inflammasomes: current understanding and open questions. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 765-783.	2.4	316
8	Determinants of telomere length across human tissues. <i>Science</i> , 2020, 369, .	6.0	257
9	A Quantitative Proteome Map of the Human Body. <i>Cell</i> , 2020, 183, 269-283.e19.	13.5	243
10	<i>Listeria monocytogenes</i> is sensed by the NLRP3 and AIM2 inflammasome. <i>European Journal of Immunology</i> , 2010, 40, 1545-1551.	1.6	221
11	Cell type-specific genetic regulation of gene expression across human tissues. <i>Science</i> , 2020, 369, .	6.0	210
12	Genetic regulatory effects modified by immune activation contribute to autoimmune disease associations. <i>Nature Communications</i> , 2017, 8, 266.	5.8	157
13	Exploiting the GTEx resources to decipher the mechanisms at GWAS loci. <i>Genome Biology</i> , 2021, 22, 49.	3.8	150
14	Population-scale tissue transcriptomics maps long non-coding RNAs to complex disease. <i>Cell</i> , 2021, 184, 2633-2648.e19.	13.5	94
15	Selection of Molecular Structure and Delivery of RNA Oligonucleotides to Activate TLR7 versus TLR8 and to Induce High Amounts of IL-12p70 in Primary Human Monocytes. <i>Journal of Immunology</i> , 2009, 182, 6824-6833.	0.4	90
16	A vast resource of allelic expression data spanning human tissues. <i>Genome Biology</i> , 2020, 21, 234.	3.8	68
17	Self-priming determines high type I γ IFN production by plasmacytoid dendritic cells. <i>European Journal of Immunology</i> , 2014, 44, 807-818.	1.6	63
18	Characterizing the genetic basis of innate immune response in TLR4-activated human monocytes. <i>Nature Communications</i> , 2014, 5, 5236.	5.8	61

#	ARTICLE	IF	CITATIONS
19	De novo nonsense and frameshift variants of TCF20 in individuals with intellectual disability and postnatal overgrowth. <i>European Journal of Human Genetics</i> , 2016, 24, 1739-1745.	1.4	28
20	Whole exome sequencing and array-based molecular karyotyping as aids to prenatal diagnosis in fetuses with suspected Simpson-Golabi-Behmel syndrome. <i>Prenatal Diagnosis</i> , 2016, 36, 961-965.	1.1	19
21	An autoimmune disease risk variant: A trans master regulatory effect mediated by IRF1 under immune stimulation?. <i>PLoS Genetics</i> , 2021, 17, e1009684.	1.5	17
22	Transcription factor regulation of eQTL activity across individuals and tissues. <i>PLoS Genetics</i> , 2022, 18, e1009719.	1.5	14
23	An unexpected role for RNA in the recognition of DNA by the innate immune system. <i>RNA Biology</i> , 2010, 7, 151-157.	1.5	11
24	SARS-CoV-2 Triggering Severe Acute Respiratory Distress Syndrome and Secondary Hemophagocytic Lymphohistiocytosis in a 3-Year-Old Child With Down Syndrome. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 543-546.	0.6	11
25	Concerted Genetic Function in Blood Traits. <i>Cell</i> , 2016, 167, 1167-1169.	13.5	4