

Sanchita Bhattacharya

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,558
citations

686830

13
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

5051
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunities and Challenges in Democratizing Immunology Datasets. <i>Frontiers in Immunology</i> , 2021, 12, 647536.	2.2	2
2	Big Data in Nephrology. <i>Nature Reviews Nephrology</i> , 2021, 17, 676-687.	4.1	10
3	Application of Machine Learning for Cytometry Data. <i>Frontiers in Immunology</i> , 2021, 12, 787574.	2.2	30
4	A robust and interpretable end-to-end deep learning model for cytometry data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21373-21380.	3.3	40
5	Open Data for Clinical Pharmacology. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 703-706.	2.3	5
6	Open Data Revolution in Clinical Research: Opportunities and Challenges. <i>Clinical and Translational Science</i> , 2020, 13, 665-674.	1.5	14
7	Assessment of Postdonation Outcomes in US Living Kidney Donors Using Publicly Available Data Sets. <i>JAMA Network Open</i> , 2019, 2, e191851.	2.8	10
8	A pilot study showing a stronger H1N1 influenza vaccination response during pregnancy in women who subsequently deliver preterm. <i>Journal of Reproductive Immunology</i> , 2019, 132, 16-20.	0.8	3
9	Prototype of running clinical trials in an untrustworthy environment using blockchain. <i>Nature Communications</i> , 2019, 10, 917.	5.8	114
10	ImmPort, toward repurposing of open access immunological assay data for translational and clinical research. <i>Scientific Data</i> , 2018, 5, 180015.	2.4	529
11	Whole-genome sequencing of Atacama skeleton shows novel mutations linked with dysplasia. <i>Genome Research</i> , 2018, 28, 423-431.	2.4	19
12	The 10,000 Immunomes Project: Building a Resource for Human Immunology. <i>Cell Reports</i> , 2018, 25, 513-522.e3.	2.9	40
13	MetaCyto: A Tool for Automated Meta-analysis of Mass and Flow Cytometry Data. <i>Cell Reports</i> , 2018, 24, 1377-1388.	2.9	52
14	RImmPort: an R/Bioconductor package that enables ready-for-analysis immunology research data. <i>Bioinformatics</i> , 2017, 33, 1101-1103.	1.8	8
15	Precision annotation of digital samples in NCBI's gene expression omnibus. <i>Scientific Data</i> , 2017, 4, 170125.	2.4	44
16	Murine glomerular transcriptome links endothelial cell-specific molecule-1 deficiency with susceptibility to diabetic nephropathy. <i>PLoS ONE</i> , 2017, 12, e0185250.	1.1	23
17	Immune modulators in disease: integrating knowledge from the biomedical literature and gene expression. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 617-626.	2.2	3
18	VDJML: a file format with tools for capturing the results of inferring immune receptor rearrangements. <i>BMC Bioinformatics</i> , 2016, 17, 333.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Opening clinical trial data: are the voluntary data-sharing portals enough?. BMC Medicine, 2015, 13, 280.	2.3	38
20	Variation in the Human Immune System Is Largely Driven by Non-Heritable Influences. Cell, 2015, 160, 37-47.	13.5	828
21	ImmPort. , 2014, , .		1
22	Towards the characterization of normal peripheral immune cells with data from ImmPort. , 2014, , .		1
23	ImmPort: disseminating data to the public for the future of immunology. Immunologic Research, 2014, 58, 234-239.	1.3	724