# Sanchita Bhattacharya

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Variation in the Human Immune System Is Largely Driven by Non-Heritable Influences. Cell, 2015, 160, 37-47. | 13.5 | 828 |
| 2 | ImmPort: disseminating data to the public for the future of immunology. Immunologic Research, 2014, 58, 234-239. | 1.3 | 724 |
| 3 | ImmPort, toward repurposing of open access immunological assay data for translational and clinical research. Scientific Data, 2018, 5, 180015. | 2.4 | 529 |
| 4 | Prototype of running clinical trials in an untrustworthy environment using blockchain. Nature Communications, 2019, 10, 917. | 5.8 | 114 |
| 5 | MetaCyto: A Tool for Automated Meta-analysis of Mass and Flow Cytometry Data. Cell Reports, 2018, 24, 1377-1388. | 2.9 | 52 |
| 6 | Precision annotation of digital samples in NCBIâ€™s gene expression omnibus. Scientific Data, 2017, 4, 170125. | 2.4 | 44 |
| 7 | The 10,000 Immunomes Project: Building a Resource for Human Immunology. Cell Reports, 2018, 25, 513-522.e3. | 2.9 | 40 |
| 8 | A robust and interpretable end-to-end deep learning model for cytometry data. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21373-21380. | 3.3 | 40 |
| 9 | Opening clinical trial data: are the voluntary data-sharing portals enough?. BMC Medicine, 2015, 13, 280. | 2.3 | 38 |
| 10 | Application of Machine Learning for Cytometry Data. Frontiers in Immunology, 2021, 12, 787574. | 2.2 | 30 |
| 11 | Murine glomerular transcriptome links endothelial cell-specific molecule-1 deficiency with susceptibility to diabetic nephropathy. PLoS ONE, 2017, 12, e0185250. | 1.1 | 23 |
| 12 | Whole-genome sequencing of Atacama skeleton shows novel mutations linked with dysplasia. Genome Research, 2018, 28, 423-431. | 2.4 | 19 |
| 13 | VDJML: a file format with tools for capturing the results of inferring immune receptor rearrangements. BMC Bioinformatics, 2016, 17, 333. | 1.2 | 16 |
| 14 | Open Data Revolution in Clinical Research: Opportunities and Challenges. Clinical and Translational Science, 2020, 13, 665-674. | 1.5 | 14 |
| 15 | Assessment of Postdonation Outcomes in US Living Kidney Donors Using Publicly Available Data Sets. JAMA Network Open, 2019, 2, e191851. | 2.8 | 10 |
| 16 | Big Data in Nephrology. Nature Reviews Nephrology, 2021, 17, 676-687. | 4.1 | 10 |
| 17 | RImmPort: an R/Bioconductor package that enables ready-for-analysis immunology research data. Bioinformatics, 2017, 33, 1101-1103. | 1.8 | 8 |
| 18 | Open Data for Clinical Pharmacology. Clinical Pharmacology and Therapeutics, 2020, 107, 703-706. | 2.3 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Immune modulators in disease: integrating knowledge from the biomedical literature and gene expression. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 617-626. | 2.2 | 3 |
| 20 | A pilot study showing a stronger H1N1 influenza vaccination response during pregnancy in women who subsequently deliver preterm. Journal of Reproductive Immunology, 2019, 132, 16-20. | 0.8 | 3 |
| 21 | Opportunities and Challenges in Democratizing Immunology Datasets. Frontiers in Immunology, 2021, 12, 647536. | 2.2 | 2 |
| 22 | RImmPort. , 2014, , . | | 1 |
| 23 | Towards the characterization of normal peripheral immune cells with data from ImmPort. , 2014, , . | | 1 |