Danielle Dionne

List of Publications by Year
in descending order

31 papers	12,565 citations	172386 29 h-index	414303 32 g-index
52 all docs	52 docs citations	52 times ranked	20734 citing authors

#	ARTICLE	IF	CITATIONS
1	Massively parallel phenotyping of coding variants in cancer with Perturb-seq. Nature Biotechnology, 2022, 40, 896-905.	9.4	44
2	Single-cell RNA-seq reveals cell type–specific molecular and genetic associations to lupus. Science, 2022, 376, eabf1970.	6.0	156
3	Stepwise-edited, human melanoma models reveal mutations' effect on tumor and microenvironment. Science, 2022, 376, eabi8175.	6.0	24
4	Single-nucleus cross-tissue molecular reference maps toward understanding disease gene function. Science, 2022, 376, eabl4290.	6.0	180
5	Tissue-resident memory and circulating T cells are early responders to pre-surgical cancer immunotherapy. Cell, 2022, 185, 2918-2935.e29.	13.5	113
6	Skin-resident innate lymphoid cells converge on a pathogenic effector state. Nature, 2021, 592, 128-132.	13.7	119
7	A cellular and spatial map of the choroid plexus across brain ventricles and ages. Cell, 2021, 184, 3056-3074.e21.	13.5	150
8	TIM-3 restrains anti-tumour immunity by regulating inflammasome activation. Nature, 2021, 595, 101-106.	13.7	169
9	Spatially organized multicellular immune hubs in human colorectal cancer. Cell, 2021, 184, 4734-4752.e20.	13.5	256
10	Stem-like intestinal Th17 cells give rise to pathogenic effector TÂcells during autoimmunity. Cell, 2021, 184, 6281-6298.e23.	13.5	99
11	Single cell RNA sequencing of human microglia uncovers a subset associated with Alzheimer's disease. Nature Communications, 2020, 11, 6129.	5.8	371
12	The Human and Mouse Enteric Nervous System at Single-Cell Resolution. Cell, 2020, 182, 1606-1622.e23.	13.5	287
13	Multiplexed single-cell transcriptional response profiling to define cancer vulnerabilities and therapeutic mechanism of action. Nature Communications, 2020, 11, 4296.	5.8	98
14	A single-cell and single-nucleus RNA-Seq toolbox for fresh and frozen human tumors. Nature Medicine, 2020, 26, 792-802.	15.2	381
15	Disease-associated astrocytes in Alzheimer's disease and aging. Nature Neuroscience, 2020, 23, 701-706.	7.1	525
16	An Integrative Model of Cellular States, Plasticity, and Genetics for Glioblastoma. Cell, 2019, 178, 835-849.e21.	13.5	1,408
17	Intra- and Inter-cellular Rewiring of the Human Colon during Ulcerative Colitis. Cell, 2019, 178, 714-730.e22.	13.5	806
18	Nuclei multiplexing with barcoded antibodies for single-nucleus genomics. Nature Communications, 2019, 10, 2907.	5.8	117

#	Article	IF	Citations
19	Transcriptional Atlas of Intestinal Immune Cells Reveals that Neuropeptide α-CGRP Modulates Group 2 Innate Lymphoid Cell Responses. Immunity, 2019, 51, 696-708.e9.	6.6	154
20	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. Cell, 2019, 177, 1915-1932.e16.	13.5	640
21	Single cell census of human kidney organoids shows reproducibility and diminished off-target cells after transplantation. Nature Communications, 2019, 10, 5462.	5.8	133
22	Single-cell transcriptomic profiling of the aging mouse brain. Nature Neuroscience, 2019, 22, 1696-1708.	7.1	432
23	Checkpoint Blockade Immunotherapy Induces Dynamic Changes in PD-1⁻CD8+ Tumor-Infiltrating T Cells. Immunity, 2019, 50, 181-194.e6.	6.6	424
24	Effects of 3D culturing conditions on the transcriptomic profile of stem-cell-derived neurons. Nature Biomedical Engineering, 2018, 2, 540-554.	11.6	78
25	T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. Cell, 2018, 175, 1307-1320.e22.	13.5	388
26	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. Nature, 2018, 560, 319-324.	13.7	878
27	Decoupling genetics, lineages, and microenvironment in IDH-mutant gliomas by single-cell RNA-seq. Science, 2017, 355, .	6.0	743
28	The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation. Nature, 2017, 549, 351-356.	13.7	460
29	A single-cell survey of the small intestinal epithelium. Nature, 2017, 551, 333-339.	13.7	1,197
30	Perturb-Seq: Dissecting Molecular Circuits with Scalable Single-Cell RNA Profiling of Pooled Genetic Screens. Cell, 2016, 167, 1853-1866.e17.	13.5	1,144
31	Discovery and characterization of artifactual mutations in deep coverage targeted capture sequencing data due to oxidative DNA damage during sample preparation. Nucleic Acids Research, 2013, 41, e67-e67.	6.5	407