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	An Integrative Model of Cellular States, Plasticity, and Genetics for Glioblastoma. Cell, 2019, 178, 835-849.e21.	13.5	1,408
2	A single-cell survey of the small intestinal epithelium. Nature, 2017, 551, 333-339.	13.7	1,197
3	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
4	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. Nature, 2018, 560, 319-324.	13.7	878
5	Intra- and Inter-cellular Rewiring of the Human Colon during Ulcerative Colitis. Cell, 2019, 178, 714-730.e22.	13.5	806
6	Decoupling genetics, lineages, and microenvironment in IDH-mutant gliomas by single-cell RNA-seq. Science, 2017, 355, .	6.0	743
7	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. Cell, 2019, 177, 1915-1932.e16.	13.5	640
8	Disease-associated astrocytes in Alzheimer's disease and aging. Nature Neuroscience, 2020, 23, 701-706.	7.1	525
9	The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation. Nature, 2017, 549, 351-356.	13.7	460
10	Single-cell transcriptomic profiling of the aging mouse brain. Nature Neuroscience, 2019, 22, 1696-1708.	7.1	432
11	Checkpoint Blockade Immunotherapy Induces Dynamic Changes in PD-1⁻CD8+ Tumor-Infiltrating T Cells. Immunity, 2019, 50, 181-194.e6.	6.6	424
12	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
13	T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. Cell, 2018, 175, 1307-1320.e22.	13.5	388
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	Single cell RNA sequencing of human microglia uncovers a subset associated with Alzheimer's disease. Nature Communications, 2020, 11, 6129.	5.8	371
16	The Human and Mouse Enteric Nervous System at Single-Cell Resolution. Cell, 2020, 182, 1606-1622.e23.	13.5	287
17	Spatially organized multicellular immune hubs in human colorectal cancer. Cell, 2021, 184, 4734-4752.e20.	13.5	256
18	Single-nucleus cross-tissue molecular reference maps toward understanding disease gene function. Science, 2022, 376, eabl4290.	6.0	180

#	Article	IF	Citations
19	TIM-3 restrains anti-tumour immunity by regulating inflammasome activation. Nature, 2021, 595, 101-106.	13.7	169
20	Single-cell RNA-seq reveals cell type–specific molecular and genetic associations to lupus. Science, 2022, 376, eabf1970.	6.0	156
21	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
22	A cellular and spatial map of the choroid plexus across brain ventricles and ages. Cell, 2021, 184, 3056-3074.e21.	13.5	150
23	Single cell census of human kidney organoids shows reproducibility and diminished off-target cells after transplantation. Nature Communications, 2019, 10, 5462.	5.8	133
24	Skin-resident innate lymphoid cells converge on a pathogenic effector state. Nature, 2021, 592, 128-132.	13.7	119
25	Nuclei multiplexing with barcoded antibodies for single-nucleus genomics. Nature Communications, 2019, 10, 2907.	5.8	117
26	Tissue-resident memory and circulating T cells are early responders to pre-surgical cancer immunotherapy. Cell, 2022, 185, 2918-2935.e29.	13.5	113
27	Stem-like intestinal Th17 cells give rise to pathogenic effector T cells during autoimmunity. Cell, 2021, 184, 6281-6298.e23.	13.5	99
28	Multiplexed single-cell transcriptional response profiling to define cancer vulnerabilities and therapeutic mechanism of action. Nature Communications, 2020, 11, 4296.	5.8	98
29	Effects of 3D culturing conditions on the transcriptomic profile of stem-cell-derived neurons. Nature Biomedical Engineering, 2018, 2, 540-554.	11.6	78
30	Massively parallel phenotyping of coding variants in cancer with Perturb-seq. Nature Biotechnology, 2022, 40, 896-905.	9.4	44
31	Stepwise-edited, human melanoma models reveal mutations' effect on tumor and microenvironment. Science, 2022, 376, eabi8175.	6.0	24