

Danielle Dionne

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

12,565
citations

172457

29
h-index

414414

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. <i>Cell</i> , 2019, 178, 835-849.e21.	28.9	1,408
2	A single-cell survey of the small intestinal epithelium. <i>Nature</i> , 2017, 551, 333-339.	27.8	1,197
3	Perturb-Seq: Dissecting Molecular Circuits with Scalable Single-Cell RNA Profiling of Pooled Genetic Screens. <i>Cell</i> , 2016, 167, 1853-1866.e17.	28.9	1,144
4	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. <i>Nature</i> , 2018, 560, 319-324.	27.8	878
5	Intra- and Inter-cellular Rewiring of the Human Colon during Ulcerative Colitis. <i>Cell</i> , 2019, 178, 714-730.e22.	28.9	806
6	Decoupling genetics, lineages, and microenvironment in IDH-mutant gliomas by single-cell RNA-seq. <i>Science</i> , 2017, 355, .	12.6	743
7	A Cellular Taxonomy of the Bone Marrow Stroma in Homeostasis and Leukemia. <i>Cell</i> , 2019, 177, 1915-1932.e16.	28.9	640
8	Disease-associated astrocytes in Alzheimer's disease and aging. <i>Nature Neuroscience</i> , 2020, 23, 701-706.	14.8	525
9	The neuropeptide NMU amplifies ILC2-driven allergic lung inflammation. <i>Nature</i> , 2017, 549, 351-356.	27.8	460
10	Single-cell transcriptomic profiling of the aging mouse brain. <i>Nature Neuroscience</i> , 2019, 22, 1696-1708.	14.8	432
11	Checkpoint Blockade Immunotherapy Induces Dynamic Changes in PD-1 ^{hi} CD8 ⁺ Tumor-Infiltrating T Cells. <i>Immunity</i> , 2019, 50, 181-194.e6.	14.3	424
12	Discovery and characterization of artifactual mutations in deep coverage targeted capture sequencing data due to oxidative DNA damage during sample preparation. <i>Nucleic Acids Research</i> , 2013, 41, e67-e67.	14.5	407
13	T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. <i>Cell</i> , 2018, 175, 1307-1320.e22.	28.9	388
14	A single-cell and single-nucleus RNA-Seq toolbox for fresh and frozen human tumors. <i>Nature Medicine</i> , 2020, 26, 792-802.	30.7	381
15	Single cell RNA sequencing of human microglia uncovers a subset associated with Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 6129.	12.8	371
16	The Human and Mouse Enteric Nervous System at Single-Cell Resolution. <i>Cell</i> , 2020, 182, 1606-1622.e23.	28.9	287
17	Spatially organized multicellular immune hubs in human colorectal cancer. <i>Cell</i> , 2021, 184, 4734-4752.e20.	28.9	256
18	Single-nucleus cross-tissue molecular reference maps toward understanding disease gene function. <i>Science</i> , 2022, 376, eabl4290.	12.6	180

#	ARTICLE	IF	CITATIONS
19	TIM-3 restrains anti-tumour immunity by regulating inflammasome activation. <i>Nature</i> , 2021, 595, 101-106.	27.8	169
20	Single-cell RNA-seq reveals cell type-specific molecular and genetic associations to lupus. <i>Science</i> , 2022, 376, eabf1970.	12.6	156
21	Transcriptional Atlas of Intestinal Immune Cells Reveals that Neuropeptide $\hat{\pm}$ -CGRP Modulates Group 2 Innate Lymphoid Cell Responses. <i>Immunity</i> , 2019, 51, 696-708.e9.	14.3	154
22	A cellular and spatial map of the choroid plexus across brain ventricles and ages. <i>Cell</i> , 2021, 184, 3056-3074.e21.	28.9	150
23	Single cell census of human kidney organoids shows reproducibility and diminished off-target cells after transplantation. <i>Nature Communications</i> , 2019, 10, 5462.	12.8	133
24	Skin-resident innate lymphoid cells converge on a pathogenic effector state. <i>Nature</i> , 2021, 592, 128-132.	27.8	119
25	Nuclei multiplexing with barcoded antibodies for single-nucleus genomics. <i>Nature Communications</i> , 2019, 10, 2907.	12.8	117
26	Tissue-resident memory and circulating T cells are early responders to pre-surgical cancer immunotherapy. <i>Cell</i> , 2022, 185, 2918-2935.e29.	28.9	113
27	Stem-like intestinal Th17 cells give rise to pathogenic effector T cells during autoimmunity. <i>Cell</i> , 2021, 184, 6281-6298.e23.	28.9	99
28	Multiplexed single-cell transcriptional response profiling to define cancer vulnerabilities and therapeutic mechanism of action. <i>Nature Communications</i> , 2020, 11, 4296.	12.8	98
29	Effects of 3D culturing conditions on the transcriptomic profile of stem-cell-derived neurons. <i>Nature Biomedical Engineering</i> , 2018, 2, 540-554.	22.5	78
30	Massively parallel phenotyping of coding variants in cancer with Perturb-seq. <i>Nature Biotechnology</i> , 2022, 40, 896-905.	17.5	44
31	Stepwise-edited, human melanoma models reveal mutations' effect on tumor and microenvironment. <i>Science</i> , 2022, 376, eabi8175.	12.6	24