Andrew N Mcdavid

List of Publications by Year
in descending order

36 papers	8,723 citations	361413 20 h-index	345221 36 g-index
43 all docs	43 docs citations	43 times ranked	17077 citing authors

#	Article	IF	Citations
1	Neonatal Hyperoxia Activates ATF4 to Stimulate Folate Metabolism and AT2 Cell Proliferation. American Journal of Respiratory Cell and Molecular Biology, 2022, , .	2.9	2
2	Aberrant newborn TÂcell and microbiota developmental trajectories predict respiratory compromise during infancy. IScience, 2022, 25, 104007.	4.1	5
3	Manifestations of Alzheimerâ€™s disease genetic risk in the blood are evident in a multiomic analysis in healthy adults aged 18 to 90. Scientific Reports, 2022, 12, 6117.	3.3	12
4	The Complex Relationship Between Cooling Parameters and Neuroprotection in a Model of Selective Hypothermia. Frontiers in Neurology, 2022, 13, 874701.	2.4	1
5	Dynamic spectrum of ectopic lymphoid B cell activation and hypermutation in the RA synovium characterized by NR4A nuclear receptor expression. Cell Reports, 2022, 39, 110766.	6.4	20
6	Granzyme K $^+$ CD8 T cells form a core population in inflamed human tissue. Science Translational Medicine, 2022, 14, .	12.4	74
7	Eight practices for data management to enable team data science. Journal of Clinical and Translational Science, 2021, 5, e14.	0.6	2
8	Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel. JAMA Neurology, 2021, 78, 102.	9.0	144
9	Neonatal hyperoxia inhibits proliferation and survival of atrial cardiomyocytes by suppressing fatty acid synthesis. JCI Insight, 2021, 6, .	5.0	16
10	â€œIf the glove fitsâ€: Hospital-wide universal gloving is associated with improved hand hygiene and may reduce *Clostridioides difficile* infection. Infection Control and Hospital Epidemiology, 2021, 42, 1351-1355.	1.8	5
11	B Cell Activation and Plasma Cell Differentiation Are Promoted by IFN-Î» in Systemic Lupus Erythematosus. Journal of Immunology, 2021, 207, 2660-2672.	0.8	12
12	Bone marrow mesenchymal stem cells from patients with SLE maintain an interferon signature during in vitro culture. Cytokine, 2020, 132, 154725.	3.2	9
13	Intrinsic mitotic activity supports the human salivary gland acinar cell population. FEBS Letters, 2020, 594, 376-382.	2.8	6
14	IFN**Î²** signaling inhibits osteogenesis in human SLE bone marrow. Lupus, 2020, 29, 1040-1049.	1.6	8
15	Measuring the Severity of Respiratory Illness in the First 2ÂYears of Life in Preterm and Term Infants. Journal of Pediatrics, 2019, 214, 12-19.e3.	1.8	3
16	Graphical models for zero-inflated single cell gene expression. Annals of Applied Statistics, 2019, 13, 848-873.	1.1	19
17	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	21.4	1,962
18	Cell Senescence in Lupus. Current Rheumatology Reports, 2019, 21, 1.	4.7	13

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19	Aged marrow macrophages expand platelet-biased hematopoietic stem cells via interleukin-1B. JCI Insight, 2019, 4, .	5.0	82
20	Il-04â€¦Bone marrow mesenchymal stem cells from patients with SLE maintain an interferon signature during in vitro culture. , 2018, , .		0
21	Neonatal gut and respiratory microbiota: coordinated development through time and space. Microbiome, 2018, 6, 193.	11.1	68
22	T Cellâ€"Dependent Affinity Maturation and Innate Immune Pathways Differentially Drive Autoreactive B Cell Responses in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 1732-1744.	5.6	65
23	Neonatal hyperoxia depletes pulmonary vein cardiomyocytes in adult mice via mitochondrial oxidation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L846-L859.	2.9	25
24	Transethnic genomeâ€wide scan identifies novel Alzheimer's disease loci. Alzheimer's and Dementia, 2017, 13, 727-738.	0.8	166
25	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	21.4	783
26	The contribution of cell cycle to heterogeneity in single-cell RNA-seq data. Nature Biotechnology, 2016, 34, 591-593.	17.5	58
27	Reply to The contribution of cell cycle to heterogeneity in single-cell RNA-seq data. Nature Biotechnology, 2016, 34, 593-595.	17.5	2
28	Distinct activation thresholds of human conventional and innate-like memory T cells. JCI Insight, 2016, 1, .	5.0	116
29	MAST: a flexible statistical framework for assessing transcriptional changes and characterizing heterogeneity in single-cell RNA sequencing data. Genome Biology, 2015, 16, 278.	8.8	2,047
30	Modeling Bi-modality Improves Characterization of Cell Cycle on Gene Expression in Single Cells. PLoS Computational Biology, 2014, 10, e1003696.	3.2	70
31	Data exploration, quality control and testing in single-cell qPCR-based gene expression experiments. Bioinformatics, 2013, 29, 461-467.	4.1	372
32	Confirmation of the Reported Association of Clonal Chromosomal Mosaicism with an Increased Risk of Incident Hematologic Cancer. PLoS ONE, 2013, 8, e59823.	2.5	26
33	Enhancing the Power of Genetic Association Studies through the Use of Silver Standard Cases Derived from Electronic Medical Records. PLoS ONE, 2013, 8, e63481.	2.5	23
34	Detectable clonal mosaicism from birth to old age and its relationship to cancer. Nature Genetics, 2012, 44, 642-650.	21.4	511
35	Quality Control Procedures for Genomeâ€Wide Association Studies. Current Protocols in Human Genetics, 2011, 68, Unit1.19.	3.5	259
36	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer's disease. Nature Genetics, 2011, 43, 436-441.	21.4	1,676