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List of Publications by Year
in descending order

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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	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
2	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
3	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
4	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
5	Detectable clonal mosaicism from birth to old age and its relationship to cancer. Nature Genetics, 2012, 44, 642-650.	21.4	511
6	Data exploration, quality control and testing in single-cell qPCR-based gene expression experiments. Bioinformatics, 2013, 29, 461-467.	4.1	372
7	Quality Control Procedures for Genomeâ€Wide Association Studies. Current Protocols in Human Genetics, 2011, 68, Unit1.19.	3.5	259
8	Transethnic genomeâ€wide scan identifies novel Alzheimer's disease loci. Alzheimer's and Dementia, 2017, 13, 727-738.	0.8	166
9	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
10	Distinct activation thresholds of human conventional and innate-like memory T cells. JCI Insight, 2016, 1, .	5.0	116
11	Aged marrow macrophages expand platelet-biased hematopoietic stem cells via interleukin-1B. JCI Insight, 2019, 4, .	5.0	82
12	Granzyme K ⁺ CD8 T cells form a core population in inflamed human tissue. Science Translational Medicine, 2022, 14, .	12.4	74
13	Modeling Bi-modality Improves Characterization of Cell Cycle on Gene Expression in Single Cells. PLoS Computational Biology, 2014, 10, e1003696.	3.2	70
14	Neonatal gut and respiratory microbiota: coordinated development through time and space. Microbiome, 2018, 6, 193.	11.1	68
15	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
16	The contribution of cell cycle to heterogeneity in single-cell RNA-seq data. Nature Biotechnology, 2016, 34, 591-593.	17.5	58
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	Graphical models for zero-inflated single cell gene expression. Annals of Applied Statistics, 2019, 13, 848-873.	1.1	19
22	Neonatal hyperoxia inhibits proliferation and survival of atrial cardiomyocytes by suppressing fatty acid synthesis. JCI Insight, 2021, 6, .	5.0	16
23	Cell Senescence in Lupus. Current Rheumatology Reports, 2019, 21, 1.	4.7	13
24	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
25	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
26	Bone marrow mesenchymal stem cells from patients with SLE maintain an interferon signature during in vitro culture. Cytokine, 2020, 132, 154725.	3.2	9
27	IFNÎ² signaling inhibits osteogenesis in human SLE bone marrow. Lupus, 2020, 29, 1040-1049.	1.6	8
28	Intrinsic mitotic activity supports the human salivary gland acinar cell population. FEBS Letters, 2020, 594, 376-382.	2.8	6
29	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
30	Aberrant newborn TÂcell and microbiota developmental trajectories predict respiratory compromise during infancy. IScience, 2022, 25, 104007.	4.1	5
31	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
32	Reply to The contribution of cell cycle to heterogeneity in single-cell RNA-seq data. Nature Biotechnology, 2016, 34, 593-595.	17.5	2
33	Eight practices for data management to enable team data science. Journal of Clinical and Translational Science, 2021, 5, e14.	0.6	2
34	Neonatal Hyperoxia Activates ATF4 to Stimulate Folate Metabolism and AT2 Cell Proliferation. American Journal of Respiratory Cell and Molecular Biology, 2022, , .	2.9	2
35	The Complex Relationship Between Cooling Parameters and Neuroprotection in a Model of Selective Hypothermia. Frontiers in Neurology, 2022, 13, 874701.	2.4	1
36	Il-04â€…Bone marrow mesenchymal stem cells from patients with SLE maintain an interferon signature during in vitro culture. , 2018, , .		0