Nathan Lawlor

List of Publications by Year
in descending order

16 papers	1,162 citations	840119 11 h-index	940134 16 g-index
22 all docs	22 docs citations	22 times ranked	2209 citing authors

#	Article	IF	Citations
1	Single-cell transcriptomes identify human islet cell signatures and reveal cell-type–specific expression changes in type 2 diabetes. Genome Research, 2017, 27, 208-222.	2.4	440
2	The human milk oligosaccharide 2′-fucosyllactose modulates CD14 expression in human enterocytes, thereby attenuating LPS-induced inflammation. Gut, 2016, 65, 33-46.	6.1	217
3	Human Milk Components Modulate Toll-Like Receptor–Mediated Inflammation. Advances in Nutrition, 2016, 7, 102-111.	2.9	114
4	Multiomic Profiling Identifies cis-Regulatory Networks Underlying Human Pancreatic β Cell Identity and Function. Cell Reports, 2019, 26, 788-801.e6.	2.9	68
5	Genomics of Islet (Dys)function and Type 2 Diabetes. Trends in Genetics, 2017, 33, 244-255.	2.9	55
6	A Common Type 2 Diabetes Risk Variant Potentiates Activity of an Evolutionarily Conserved Islet Stretch Enhancer and Increases C2CD4A and C2CD4B Expression. American Journal of Human Genetics, 2018, 102, 620-635.	2.6	47
7	Type 2 Diabetes–Associated Genetic Variants Regulate Chromatin Accessibility in Human Islets. Diabetes, 2018, 67, 2466-2477.	0.3	44
8	Alpha TC1 and Beta-TC-6 genomic profiling uncovers both shared and distinct transcriptional regulatory features with their primary islet counterparts. Scientific Reports, 2017, 7, 11959.	1.6	41
9	AMULET: a novel read count-based method for effective multiplet detection from single nucleus ATAC-seq data. Genome Biology, 2021, 22, 252.	3.8	36
10	Single Cell Analysis of Blood Mononuclear Cells Stimulated Through Either LPS or Anti-CD3 and Anti-CD28. Frontiers in Immunology, 2021, 12, 636720.	2.2	32
11	multiClust: An R-package for Identifying Biologically Relevant Clusters in Cancer Transcriptome Profiles. Cancer Informatics, 2016, 15, CIN.S38000.	0.9	14
12	(Epi)genomic heterogeneity of pancreatic islet function and failure in type 2 diabetes. Molecular Metabolism, 2019, 27, S15-S24.	3.0	12
13	Tet2 Controls the Responses of β cells to Inflammation in Autoimmune Diabetes. Nature Communications, 2021, 12, 5074.	5.8	11
14	BiFET: sequencing <u>Bi</u>as-free transcription factor <u>F</u>ootprint <u>E</u>nrichment <u>T</u>est. Nucleic Acids Research, 2019, 47, e11-e11.	6.5	9
15	Detection of correlated hidden factors from single cell transcriptomes using Iteratively Adjusted-SVA (IA-SVA). Scientific Reports, 2018, 8, 17040.	1.6	8
16	V-SVA: an R Shiny application for detecting and annotating hidden sources of variation in single-cell RNA-seq data. Bioinformatics, 2020, 36, 3582-3584.	1.8	7