Donnie S Stapleton

List of Publications by Year
in descending order

21 papers	969 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	1890 citing authors

#	Article	IF	Citations
1	A gene expression network model of type 2 diabetes links cell cycle regulation in islets with diabetes susceptibility. Genome Research, 2008, 18, 706-716.	5.5	320
2	Host Genotype and Gut Microbiome Modulate Insulin Secretion and Diet-Induced Metabolic Phenotypes. Cell Reports, 2017, 18, 1739-1750.	6.4	143
3	Genetic determinants of gut microbiota composition and bile acid profiles in mice. PLoS Genetics, 2019, 15, e1008073.	3.5	75
4	Gene loci associated with insulin secretion in islets from nondiabetic mice. Journal of Clinical Investigation, 2019, 129, 4419-4432.	8.2	60
5	NeuCode Proteomics Reveals Bap1 Regulation of Metabolism. Cell Reports, 2016, 16, 583-595.	6.4	57
6	Genetic Drivers of Pancreatic Islet Function. Genetics, 2018, 209, 335-356.	2.9	54
7	Islet proteomics reveals genetic variation in dopamine production resulting in altered insulin secretion. Journal of Biological Chemistry, 2018, 293, 5860-5877.	3.4	43
8	A large-scale genomeâ€“lipid association map guides lipid identification. Nature Metabolism, 2020, 2, 1149-1162.	11.9	43
9	The Transcription Factor Nfatc2 Regulates Î²-Cell Proliferation and Genes Associated with Type 2 Diabetes in Mouse and Human Islets. PLoS Genetics, 2016, 12, e1006466.	3.5	40
10	Histone chaperone ASF1B promotes humanÎ²-cell proliferation via recruitment of histone H3.3. Cell Cycle, 2016, 15, 3191-3202.	2.6	34
11	Secretion of Recombinant Interleukin-22 by Engineered Lactobacillus reuteri Reduces Fatty Liver Disease in a Mouse Model of Diet-Induced Obesity. MSphere, 2020, 5, .	2.9	23
12	Identification of the Bile Acid Transporter Slco1a6 as a Candidate Gene That Broadly Affects Gene Expression in Mouse Pancreatic Islets. Genetics, 2015, 201, 1253-1262.	2.9	22
13	Exploiting Prophage-Mediated Lysis for Biotherapeutic Release by Lactobacillus reuteri. Applied and Environmental Microbiology, 2019, 85, .	3.1	17
14	Identification of direct transcriptional targets of NFATC2 that promote Î² cell proliferation. Journal of Clinical Investigation, 2021, 131, .	8.2	15
15	From methylene bridged diindole to carbonyl linked benzimidazoleindole: Development of potent and metabolically stable PCSK9 modulators. European Journal of Medicinal Chemistry, 2020, 206, 112678.	5.5	6
16	Coding variants identified in patients with diabetes alter PICK1 BAR domain function in insulin granule biogenesis. Journal of Clinical Investigation, 2022, 132, .	8.2	5
17	Application of 2D IR Bioimaging: Hyperspectral Images of Formalin-Fixed Pancreatic Tissues and Observation of Slow Protein Degradation. Journal of Physical Chemistry B, 2021, 125, 9517-9525.	2.6	4
18	Î² Cellâ€“specific deletion of Zfp148 improves nutrient-stimulated Î² cell Ca2+ responses. JCI Insight, 2022, 7, .	5.0	4

#	Article	IF	Citations
19	INFIMA leverages multi-omics model organism data to identify effector genes of human GWAS variants. Genome Biology, 2021, 22, 241.	8.8	3
20	Combined Expression Trait Correlations and Expression Quantitative Trait Locus Mapping. PLoS Genetics, 2005, preprint, e6.	3.5	1
21	Hunk, a Serine/Threonine Protein Kinase, Regulates Insulin Secretion from Pancreatic Islets. FASEB Journal, 2018, 32, 670.15.	0.5	0