

Dawn Belt Davis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,970
citations

22
h-index

44
g-index

50
ext. papers

2,279
ext. citations

5.7
avg, IF

4.62
L-index

#	Paper	IF	Citations
41	A gene expression network model of type 2 diabetes links cell cycle regulation in islets with diabetes susceptibility. <i>Genome Research</i> , 2008 , 18, 706-16	9.7	269
40	Thioredoxin-interacting protein deficiency induces Akt/Bcl-xL signaling and pancreatic beta-cell mass and protects against diabetes. <i>FASEB Journal</i> , 2008 , 22, 3581-94	0.9	163
39	Normal myoblast fusion requires myoferlin. <i>Development (Cambridge)</i> , 2005 , 132, 5565-75	6.6	154
38	Calcium-sensitive phospholipid binding properties of normal and mutant ferlin C2 domains. <i>Journal of Biological Chemistry</i> , 2002 , 277, 22883-8	5.4	146
37	Attention to Background Strain Is Essential for Metabolic Research: C57BL/6 and the International Knockout Mouse Consortium. <i>Diabetes</i> , 2016 , 65, 25-33	0.9	139
36	Myoferlin, a candidate gene and potential modifier of muscular dystrophy. <i>Human Molecular Genetics</i> , 2000 , 9, 217-26	5.6	134
35	Myne-1, a spectrin repeat transmembrane protein of the myocyte inner nuclear membrane, interacts with lamin A/C. <i>Journal of Cell Science</i> , 2002 , 115, 61-70	5.3	123
34	Myne-1, a spectrin repeat transmembrane protein of the myocyte inner nuclear membrane, interacts with lamin A/C. <i>Journal of Cell Science</i> , 2002 , 115, 61-70	5.3	112
33	Pancreatic β cell proliferation in obesity. <i>Advances in Nutrition</i> , 2014 , 5, 278-88	10	74
32	FoxM1 is up-regulated by obesity and stimulates beta-cell proliferation. <i>Molecular Endocrinology</i> , 2010 , 24, 1822-34		69
31	Laparoscopic reversal of Roux-en-Y gastric bypass: technique and utility for treatment of endocrine complications. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 36-43	3	61
30	Interleukin 6 protects pancreatic β cells from apoptosis by stimulation of autophagy. <i>FASEB Journal</i> , 2017 , 31, 4140-4152	0.9	57
29	Dysferlin protein analysis in limb-girdle muscular dystrophies. <i>Journal of Molecular Neuroscience</i> , 2001 , 17, 71-80	3.3	50
28	Cholecystokinin is up-regulated in obese mouse islets and expands beta-cell mass by increasing beta-cell survival. <i>Endocrinology</i> , 2010 , 151, 3577-88	4.8	49
27	Glucagon-Like Peptide-1 Regulates Cholecystokinin Production in β Cells to Protect From Apoptosis. <i>Molecular Endocrinology</i> , 2015 , 29, 978-87		40
26	A retrospective study comparing neutral protamine hagedorn insulin with glargine as basal therapy in prednisone-associated diabetes mellitus in hospitalized patients. <i>Endocrine Practice</i> , 2012 , 18, 712-9	3.2	34
25	Distinct differences in the responses of the human pancreatic β cell line EndoC- β 1 and human islets to proinflammatory cytokines. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R525-34	3.2	31

24	Roux en Y gastric bypass hypoglycemia resolves with gastric feeding or reversal: Confirming a non-pancreatic etiology. <i>Molecular Metabolism</i> , 2018 , 9, 15-27	8.8	28
23	Tcf19 is a novel islet factor necessary for proliferation and survival in the INS-1 β cell line. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E600-10	6	27
22	Multiple endocrine neoplasia 2A syndrome presenting as peripartum cardiomyopathy due to catecholamine excess. <i>European Journal of Endocrinology</i> , 2004 , 151, 771-7	6.5	26
21	Enriching Islet Phospholipids With Eicosapentaenoic Acid Reduces Prostaglandin E Signaling and Enhances Diabetic β Cell Function. <i>Diabetes</i> , 2017 , 66, 1572-1585	0.9	25
20	Pyruvate Kinase Controls Signal Strength in the Insulin Secretory Pathway. <i>Cell Metabolism</i> , 2020 , 32, 736-750.e5	24.6	24
19	Contamination with E1A-positive wild-type adenovirus accounts for species-specific stimulation of islet cell proliferation by CCK: a cautionary note. <i>Molecular Endocrinology</i> , 2010 , 24, 464-7		21
18	Cholecystokinin expression in the β cell leads to increased β cell area in aged mice and protects from streptozotocin-induced diabetes and apoptosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E819-28	6	20
17	Intra-islet GLP-1, but not CCK, is necessary for β cell function in mouse and human islets. <i>Scientific Reports</i> , 2020 , 10, 2823	4.9	17
16	Transgenic expression of the human growth hormone minigene promotes pancreatic β cell proliferation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R788-94	3.2	14
15	Overexpression of pre-pro-cholecystokinin stimulates beta-cell proliferation in mouse and human islets with retention of islet function. <i>Molecular Endocrinology</i> , 2008 , 22, 2716-28		14
14	Glucagon-like peptide-1 and cholecystokinin production and signaling in the pancreatic islet as an adaptive response to obesity. <i>Journal of Diabetes Investigation</i> , 2016 , 7 Suppl 1, 44-9	3.9	8
13	The gastrin-releasing peptide analog bombesin preserves exocrine and endocrine pancreas morphology and function during parenteral nutrition. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G431-42	5.1	6
12	Giant myelolipomas and inadvertent bilateral adrenalectomy in classic congenital adrenal hyperplasia. <i>Endocrinology, Diabetes and Metabolism Case Reports</i> , 2015 , 2015, 150079	1.4	6
11	Systemic Metabolic Alterations Correlate with Islet-Level Prostaglandin E Production and Signaling Mechanisms That Predict β Cell Dysfunction in a Mouse Model of Type 2 Diabetes. <i>Metabolites</i> , 2021 , 11,	5.6	5
10	Successful in vitro fertilization and generation of transgenics in Black and Tan Brachyury (BTBR) mice. <i>Transgenic Research</i> , 2016 , 25, 847-854	3.3	4
9	Ultrahigh-Resolution Mass Spectrometry-Based Platform for Plasma Metabolomics Applied to Type 2 Diabetes Research. <i>Journal of Proteome Research</i> , 2021 , 20, 463-473	5.6	4
8	Differential Expression of Ormdl Genes in the Islets of Mice and Humans with Obesity. <i>IScience</i> , 2020 , 23, 101324	6.1	3
7	PREVENT: A Randomized, Placebo-controlled Crossover Trial of Avexitide for Treatment of Postbariatric Hypoglycemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3235-e3248	5.6	3

6	Human Islet Expression Levels of Prostaglandin E Synthetic Enzymes, But Not Prostaglandin EP3 Receptor, Are Positively Correlated with Markers of β Cell Function and Mass in Nondiabetic Obesity. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1338-1348	5.9	2
5	TCF19 Impacts a Network of Inflammatory and DNA Damage Response Genes in the Pancreatic β Cell. <i>Metabolites</i> , 2021 , 11,	5.6	2
4	The Importance of Exclusion of Obstructive Sleep Apnea During Screening for Adrenal Adenoma and Diagnosis of Pheochromocytoma. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2015 , 3, 2324709615607062	1.2	1
3	The influence of intermittent hypoxia, obesity, and diabetes on male genitourinary anatomy and voiding physiology. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, F82-F92	4.3	1
2	Tcf19 Knockout Mouse Islets Have Increased Stress-related Gene Expression and Reduced Proliferative Capacity. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	0
1	2137-P: Cholecystokinin Protects Mouse Pancreatic Beta Cells against Cytokine Insult through the Cholecystokinin A Receptor. <i>Diabetes</i> , 2019 , 68, 2137-P	0.9	