

Jude T Deeney

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

5,469
citations

201674

27
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

7881
citing authors

#	ARTICLE	IF	CITATIONS
1	Fission and selective fusion govern mitochondrial segregation and elimination by autophagy. EMBO Journal, 2008, 27, 433-446.	7.8	2,587
2	Reactive Oxygen Species as a Signal in Glucose-Stimulated Insulin Secretion. Diabetes, 2007, 56, 1783-1791.	0.6	469
3	Metformin Enhances Autophagy and Normalizes Mitochondrial Function to Alleviate Aging-Associated Inflammation. Cell Metabolism, 2020, 32, 44-55.e6.	16.2	321
4	Dual role of proapoptotic BAD in insulin secretion and beta cell survival. Nature Medicine, 2008, 14, 144-153.	30.7	285
5	Acute Stimulation with Long Chain Acyl-CoA Enhances Exocytosis in Insulin-secreting Cells (HIT T-15) Tj ETQq1 1 0.784314 rgBT /Overdo	3.4	150
6	The Role of Long-Chain Fatty Acyl-CoA Esters in \hat{I}^2 -Cell Signal Transduction. Journal of Nutrition, 2000, 130, 299S-304S.	2.9	147
7	Activation of the ATP-sensitive K ⁺ Channel by Long Chain Acyl-CoA. Journal of Biological Chemistry, 1996, 271, 10623-10626.	3.4	146
8	Suppression of \hat{I}^2 Cell Energy Metabolism and Insulin Release by PGC-1 \hat{I}^\pm . Developmental Cell, 2003, 5, 73-83.	7.0	134
9	Metabolic control off \hat{I}^2 -cell function. Seminars in Cell and Developmental Biology, 2000, 11, 267-275.	5.0	128
10	Neomycin: a specific drug to study the inositol-phospholipid signalling system?. FEBS Letters, 1986, 197, 285-288.	2.8	103
11	Inborn Errors of Long-Chain Fatty Acid \hat{I}^2 -Oxidation Link Neural Stem Cell Self-Renewal to Autism. Cell Reports, 2016, 14, 991-999.	6.4	95
12	Regulation of pancreatic \hat{I}^2 -cell mitochondrial metabolism: influence of Ca ²⁺ , substrate and ADP. Biochemical Journal, 1996, 318, 615-621.	3.7	82
13	Respiration in Adipocytes is Inhibited by Reactive Oxygen Species. Obesity, 2010, 18, 1493-1502.	3.0	72
14	BET Bromodomain Proteins Brd2, Brd3 and Brd4 Selectively Regulate Metabolic Pathways in the Pancreatic \hat{I}^2 -Cell. PLoS ONE, 2016, 11, e0151329.	2.5	65
15	Temporal sequence of metabolic and ionic events in glucose-stimulated clonal pancreatic \hat{I}^2 -cells (HIT). Biochemical Journal, 1996, 315, 1015-1019.	3.7	60
16	Reactive Oxygen Species Stimulate Insulin Secretion in Rat Pancreatic Islets: Studies Using Mono-Oleoyl-Glycerol. PLoS ONE, 2012, 7, e30200.	2.5	57
17	Reversible Ca ²⁺ -dependent Translocation of Protein Kinase C and Glucose-induced Insulin Release. Journal of Biological Chemistry, 1996, 271, 18154-18160.	3.4	48
18	The CB1 Antagonist Rimonabant Decreases Insulin Hypersecretion in Rat Pancreatic Islets. Obesity, 2009, 17, 1856-1860.	3.0	44

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19	Chronic Exposure to Excess Nutrients Left-shifts the Concentration Dependence of Glucose-stimulated Insulin Secretion in Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 16191-16201.	3.4	44
20	Ca ²⁺ , NAD(P)H and membrane potential changes in pancreatic β -cells by methyl succinate: comparison with glucose. <i>Biochemical Journal</i> , 2007, 403, 197-205.	3.7	40
21	The L-type Voltage-Gated Ca ²⁺ Channel Is the Ca ²⁺ Sensor Protein of Stimulus-Secretion Coupling in Pancreatic Beta Cells. <i>Biochemistry</i> , 2007, 46, 14461-14467.	2.5	40
22	Brd2 Gene Disruption Causes "Metabolically Healthy" Obesity. <i>Vitamins and Hormones</i> , 2013, 91, 49-75.	1.7	38
23	The Redox Communication Network as a Regulator of Metabolism. <i>Frontiers in Physiology</i> , 2020, 11, 567796.	2.8	33
24	Regulation of lipolytic activity by long-chain acyl-coenzyme A in islets and adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E1085-E1092.	3.5	32
25	Potential of insulin secretion by phorbol esters is mediated by PKC- ζ and nPKC isoforms. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E880-E888.	3.5	31
26	Glucose-induced Metabolic Oscillations Parallel Those of Ca ²⁺ and Insulin Release in Clonal Insulin-secreting Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 36946-36950.	3.4	29
27	BET proteins in abnormal metabolism, inflammation, and the breast cancer microenvironment. <i>Journal of Leukocyte Biology</i> , 2018, 104, 265-274.	3.3	29
28	What Regulates Basal Insulin Secretion and Causes Hyperinsulinemia?. <i>Diabetes</i> , 2021, 70, 2174-2182.	0.6	23
29	Glucagon-like peptide 1 and fatty acids amplify pulsatile insulin secretion from perfused rat islets. <i>Biochemical Journal</i> , 2003, 369, 173-178.	3.7	20
30	Tissue-dependent loss of phosphofructokinase-M in mice with interrupted activity of the distal promoter: impairment in insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E794-E801.	3.5	20
31	Ca ²⁺ -serotonin as a marker of oscillatory insulin secretion in clonal β -cells (INS-1). <i>FEBS Letters</i> , 2007, 581, 4080-4084.	2.8	17
32	Inhibition of Monoacylglycerol Lipase Activity Decreases Glucose-Stimulated Insulin Secretion in INS-1 (832/13) Cells and Rat Islets. <i>PLoS ONE</i> , 2016, 11, e0149008.	2.5	17
33	Effects of medium chain triglycerides supplementation on insulin sensitivity and beta cell function: A feasibility study. <i>PLoS ONE</i> , 2019, 14, e0226200.	2.5	16
34	Elamipretide Promotes Mitophagosome Formation and Prevents Its Reduction Induced by Nutrient Excess in INS1 β -cells. <i>Journal of Molecular Biology</i> , 2018, 430, 4823-4833.	4.2	14
35	Type 1 diabetes alters lipid handling and metabolism in human fibroblasts and peripheral blood mononuclear cells. <i>PLoS ONE</i> , 2017, 12, e0188474.	2.5	10
36	Direct Stimulation of Islet Insulin Secretion by Glycolytic and Mitochondrial Metabolites in KCl-Depolarized Islets. <i>PLoS ONE</i> , 2016, 11, e0166111.	2.5	9

#	ARTICLE	IF	CITATIONS
37	KCl -Permeabilized Pancreatic Islets: An Experimental Model to Explore the Messenger Role of ATP in the Mechanism of Insulin Secretion. PLoS ONE, 2015, 10, e0140096.	2.5	7
38	Phosphoinositide signalling in type 2 diabetes: a β -cell perspective. Biochemical Society Transactions, 2016, 44, 293-298.	3.4	6
39	Iron stimulates insulin secretion in clonal pancreatic β -cells and dissociated rat islets. FASEB Journal, 2013, 27, 1010.13.	0.5	1
40	Acyl-CoA Synthetase Inhibition Protects Clonal Pancreatic Beta-cell from Effects of Chronic Excess Nutrients. Current Developments in Nutrition, 2020, 4, nzaa049_045.	0.3	0
41	Chronic exposure of clonal pancreatic β -cells (INS-1 832/13) to acetoacetate inhibits glucose-induced insulin secretion. FASEB Journal, 2011, 25, 914.1.	0.5	0
42	ANTIOXIDANTS DECREASE LIPOLYSIS AND LIPID SYNTHESIS IN HUMAN DIFFERENTIATED ADIPOCYTES. FASEB Journal, 2011, 25, 914.5.	0.5	0
43	Inhibition of Monoacylglycerol Lipase by JZL184 Results in Glucolipotoxicity in Pancreatic β -Cells. FASEB Journal, 2013, 27, 1010.10.	0.5	0
44	Store-operated Ca^{2+} entry mechanism is involved in glucose-induced Ca^{2+} responses and insulin secretion, and is critical for preventing ER stress in primary pancreatic β -cells.. FASEB Journal, 2013, 27, 953.2.	0.5	0
45	Effects of Oleate and Inflammatory Cytokines on Dermal Fibroblasts in Type 1 Diabetics. FASEB Journal, 2013, 27, 1010.9.	0.5	0
46	Understanding the role of pancreatic β -cell CD36 in the development of Type 2 Diabetes. FASEB Journal, 2018, 32, .	0.5	0
47	Hunger Associations With Meal Timing and Adherence to Potential Meal Timing Recommendations for Weight Loss. Current Developments in Nutrition, 2022, 6, 420.	0.3	0