Jude T Deeney

List of Publications by Year in descending order

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47 papers	5,469 citations	201575 27 h-index	302012 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.	3.5	2,587
2	Reactive Oxygen Species as a Signal in Glucose-Stimulated Insulin Secretion. Diabetes, 2007, 56, 1783-1791.	0.3	469
3	Metformin Enhances Autophagy and Normalizes Mitochondrial Function to Alleviate Aging-Associated Inflammation. Cell Metabolism, 2020, 32, 44-55.e6.	7.2	321
4	Dual role of proapoptotic BAD in insulin secretion and beta cell survival. Nature Medicine, 2008, 14, 144-153.	15.2	285
5	Acute Stimulation with Long Chain Acyl-CoA Enhances Exocytosis in Insulin-secreting Cells (HIT T-15) Tj ETQq1 1 0.784314 rgBT /Over	1.6	150
6	The Role of Long-Chain Fatty Acyl-CoA Esters in Î²-Cell Signal Transduction. Journal of Nutrition, 2000, 130, 299S-304S.	1.3	147
7	Activation of the ATP-sensitive K+ Channel by Long Chain Acyl-CoA. Journal of Biological Chemistry, 1996, 271, 10623-10626.	1.6	146
8	Suppression of Î² Cell Energy Metabolism and Insulin Release by PGC-1Î±. Developmental Cell, 2003, 5, 73-83.	3.1	134
9	Metabolic control ofÎ²-cell function. Seminars in Cell and Developmental Biology, 2000, 11, 267-275.	2.3	128
10	Neomycin: a specific drug to study the inositol-phospholipid signalling system?. FEBS Letters, 1986, 197, 285-288.	1.3	103
11	Inborn Errors of Long-Chain Fatty Acid Î²-Oxidation Link Neural Stem Cell Self-Renewal to Autism. Cell Reports, 2016, 14, 991-999.	2.9	95
12	Regulation of pancreatic Î²-cell mitochondrial metabolism: influence of Ca2+, substrate and ADP. Biochemical Journal, 1996, 318, 615-621.	1.7	82
13	Respiration in Adipocytes is Inhibited by Reactive Oxygen Species. Obesity, 2010, 18, 1493-1502.	1.5	72
14	BET Bromodomain Proteins Brd2, Brd3 and Brd4 Selectively Regulate Metabolic Pathways in the Pancreatic Î²-Cell. PLoS ONE, 2016, 11, e0151329.	1.1	65
15	Temporal sequence of metabolic and ionic events in glucose-stimulated clonal pancreatic Î²-cells (HIT). Biochemical Journal, 1996, 315, 1015-1019.	1.7	60
16	Reactive Oxygen Species Stimulate Insulin Secretion in Rat Pancreatic Islets: Studies Using Mono-Oleoyl-Glycerol. PLoS ONE, 2012, 7, e30200.	1.1	57
17	Reversible Ca2+-dependent Translocation of Protein Kinase C and Glucose-induced Insulin Release. Journal of Biological Chemistry, 1996, 271, 18154-18160.	1.6	48
18	The CB1 Antagonist Rimonabant Decreases Insulin Hypersecretion in Rat Pancreatic Islets. Obesity, 2009, 17, 1856-1860.	1.5	44

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19	Chronic Exposure to Excess Nutrients Left-shifts the Concentration Dependence of Glucose-stimulated Insulin Secretion in Pancreatic Î²-Cells. Journal of Biological Chemistry, 2015, 290, 16191-16201.	1.6	44
20	Ca2+, NAD(P)H and membrane potential changes in pancreatic Î²-cells by methyl succinate: comparison with glucose. Biochemical Journal, 2007, 403, 197-205.	1.7	40
21	The L-type Voltage-Gated Ca²⁺ Channel Is the Ca²⁺ Sensor Protein of Stimulusâ^'Secretion Coupling in Pancreatic Beta Cells. Biochemistry, 2007, 46, 14461-14467.	1.2	40
22	Brd2 Gene Disruption Causes â€œMetabolically Healthyâ€•Obesity. Vitamins and Hormones, 2013, 91, 49-75.	0.7	38
23	The Redox Communication Network as a Regulator of Metabolism. Frontiers in Physiology, 2020, 11, 567796.	1.3	33
24	Regulation of lipolytic activity by long-chain acyl-coenzyme A in islets and adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E1085-E1092.	1.8	32
25	Potentiation of insulin secretion by phorbol esters is mediated by PKC-Î± and nPKC isoforms. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E880-E888.	1.8	31
26	Glucose-induced Metabolic Oscillations Parallel Those of Ca2+ and Insulin Release in Clonal Insulin-secreting Cells. Journal of Biological Chemistry, 2001, 276, 36946-36950.	1.6	29
27	BET proteins in abnormal metabolism, inflammation, and the breast cancer microenvironment. Journal of Leukocyte Biology, 2018, 104, 265-274.	1.5	29
28	What Regulates Basal Insulin Secretion and Causes Hyperinsulinemia?. Diabetes, 2021, 70, 2174-2182.	0.3	23
29	Glucagon-like peptide 1 and fatty acids amplify pulsatile insulin secretion from perifused rat islets. Biochemical Journal, 2003, 369, 173-178.	1.7	20
30	Tissue-dependent loss of phosphofructokinase-M in mice with interrupted activity of the distal promoter: impairment in insulin secretion. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E794-E801.	1.8	20
31	³Hâ€serotonin as a marker of oscillatory insulin secretion in clonal Î²â€cells (INSâ€1). FEBS Letters, 2007, 581, 4080-4084.	1.3	17
32	Inhibition of Monoacylglycerol Lipase Activity Decreases Glucose-Stimulated Insulin Secretion in INS-1 (832/13) Cells and Rat Islets. PLoS ONE, 2016, 11, e0149008.	1.1	17
33	Effects of medium chain triglycerides supplementation on insulin sensitivity and beta cell function: A feasibility study. PLoS ONE, 2019, 14, e0226200.	1.1	16
34	Elamipretide Promotes Mitophagosome Formation and Prevents Its Reduction Induced by Nutrient Excess in INS1 Î²-cells. Journal of Molecular Biology, 2018, 430, 4823-4833.	2.0	14
35	Type 1 diabetes alters lipid handling and metabolism in human fibroblasts and peripheral blood mononuclear cells. PLoS ONE, 2017, 12, e0188474.	1.1	10
36	Direct Stimulation of Islet Insulin Secretion by Glycolytic and Mitochondrial Metabolites in KCl-Depolarized Islets. PLoS ONE, 2016, 11, e0166111.	1.1	9

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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.	1.1	7
38	Phosphoinositide signalling in typeÂ2 diabetes: a Î²-cell perspective. Biochemical Society Transactions, 2016, 44, 293-298.	1.6	6
39	Iron stimulates insulin secretion in clonal pancreatic Î²â€cells and dissociated rat islets. FASEB Journal, 2013, 27, 1010.13.	0.2	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.	0.1	0
41	Chronic exposure of clonal pancreatic Î²â€cells (INSâ€1 832/13) to acetoacetate inhibits glucoseâ€induced insulin secretion. FASEB Journal, 2011, 25, 914.1.	0.2	0
42	ANTIOXIDANTS DECREASE LIPOLYSIS AND LIPID SYNTHESIS IN HUMAN DIFFERENTIATED ADIPOCYTES. FASEB Journal, 2011, 25, 914.5.	0.2	0
43	Inhibition of Monoâ€Acylâ€Glycerol Lipase by JZLâ€184 Results in Glucolipotoxicity in Pancreatic Î²â€Cells. FASEB Journal, 2013, 27, 1010.10.	0.2	0
44	Storeâ€operated Ca 2+ entry mechanism is involved in glucoseâ€induced Ca 2+ responses and insulin secretion, and is critical for preventing ER stress in primary pancreatic Î²â€cells.. FASEB Journal, 2013, 27, 953.2.	0.2	0
45	Effects of Oleate and Inflammatory Cytokines on Dermal Fibroblasts in Type 1 Diabetics. FASEB Journal, 2013, 27, 1010.9.	0.2	0
46	Understanding the role of pancreatic Î²â€cell CD36 in the development of Type 2 Diabetes. FASEB Journal, 2018, 32, .	0.2	0
47	Hunger Associations With Meal Timing and Adherence to Potential Meal Timing Recommendations for Weight Loss. Current Developments in Nutrition, 2022, 6, 420.	0.1	0