

Patrick E Macdonald

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

9,739
citations

41344

49
h-index

39675

94
g-index

167
all docs

167
docs citations

167
times ranked

12728
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A pancreatic islet-specific microRNA regulates insulin secretion. <i>Nature</i> , 2004, 432, 226-230. | 27.8 | 1,932 |
| 2 | The Multiple Actions of GLP-1 on the Process of Glucose-Stimulated Insulin Secretion. <i>Diabetes</i> , 2002, 51, S434-S442. | 0.6 | 452 |
| 3 | SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021, 3, 149-165. | 11.9 | 378 |
| 4 | Glucose-sensing mechanisms in pancreatic β -cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 2211-2225. | 4.0 | 281 |
| 5 | The cell biology of systemic insulin function. <i>Journal of Cell Biology</i> , 2018, 217, 2273-2289. | 5.2 | 270 |
| 6 | Voltage-dependent K ⁺ channels in pancreatic beta cells: Role, regulation and potential as therapeutic targets. <i>Diabetologia</i> , 2003, 46, 1046-1062. | 6.3 | 223 |
| 7 | Overexpression of uncoupling protein 2 inhibits glucose-stimulated insulin secretion from rat islets. <i>Diabetes</i> , 1999, 48, 1482-1486. | 0.6 | 221 |
| 8 | A KATP Channel-Dependent Pathway within β Cells Regulates Glucagon Release from Both Rodent and Human Islets of Langerhans. <i>PLoS Biology</i> , 2007, 5, e143. | 5.6 | 203 |
| 9 | Transcript Expression Data from Human Islets Links Regulatory Signals from Genome-Wide Association Studies for Type 2 Diabetes and Glycemic Traits to Their Downstream Effectors. <i>PLoS Genetics</i> , 2015, 11, e1005694. | 3.5 | 178 |
| 10 | Patch-Seq Links Single-Cell Transcriptomes to Human Islet Dysfunction in Diabetes. <i>Cell Metabolism</i> , 2020, 31, 1017-1031.e4. | 16.2 | 177 |
| 11 | Members of the Kv1 and Kv2 Voltage-Dependent K ⁺ Channel Families Regulate Insulin Secretion. <i>Molecular Endocrinology</i> , 2001, 15, 1423-1435. | 3.7 | 176 |
| 12 | β Cell tone is defined by proglucagon peptides through cAMP signaling. <i>JCI Insight</i> , 2019, 4, . | 5.0 | 167 |
| 13 | Converting Adult Pancreatic Islet β Cells into β Cells by Targeting Both Dnmt1 and Arx. <i>Cell Metabolism</i> , 2017, 25, 622-634. | 16.2 | 165 |
| 14 | Inhibition of Kv2.1 Voltage-dependent K ⁺ Channels in Pancreatic β -Cells Enhances Glucose-dependent Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2002, 277, 44938-44945. | 3.4 | 161 |
| 15 | Isocitrate-to-SEN1 signaling amplifies insulin secretion and rescues dysfunctional β cells. <i>Journal of Clinical Investigation</i> , 2015, 125, 3847-3860. | 8.2 | 148 |
| 16 | G protein-coupled receptor (GPR)40-dependent potentiation of insulin secretion in mouse islets is mediated by protein kinase D1. <i>Diabetologia</i> , 2012, 55, 2682-2692. | 6.3 | 139 |
| 17 | Release of small transmitters through kiss-and-run fusion pores in rat pancreatic β cells. <i>Cell Metabolism</i> , 2006, 4, 283-290. | 16.2 | 127 |
| 18 | Cystic fibrosis-related diabetes is caused by islet loss and inflammation. <i>JCI Insight</i> , 2018, 3, . | 5.0 | 127 |

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|----|---|------|-----------|
| 19 | SSTR2 is the functionally dominant somatostatin receptor in human pancreatic \hat{I}^2 - and \hat{I}^{\pm} -cells. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1107-E1116. | 3.5 | 119 |
| 20 | Role of Kinin B 2 Receptor Signaling in the Recruitment of Circulating Progenitor Cells With Neovascularization Potential. Circulation Research, 2008, 103, 1335-1343. | 4.5 | 108 |
| 21 | TCF1 links GIPR signaling to the control of beta cell function and survival. Nature Medicine, 2016, 22, 84-90. | 30.7 | 108 |
| 22 | Urea impairs \hat{I}^2 cell glycolysis and insulin secretion in chronic kidney disease. Journal of Clinical Investigation, 2016, 126, 3598-3612. | 8.2 | 99 |
| 23 | Antagonism of Rat \hat{I}^2 -Cell Voltage-dependent K ⁺ Currents by Exendin 4 Requires Dual Activation of the cAMP/Protein Kinase A and Phosphatidylinositol 3-Kinase Signaling Pathways. Journal of Biological Chemistry, 2003, 278, 52446-52453. | 3.4 | 98 |
| 24 | Investigation of Transport Mechanisms and Regulation of Intracellular Zn ²⁺ in Pancreatic \hat{I}^{\pm} -Cells. Journal of Biological Chemistry, 2008, 283, 10184-10197. | 3.4 | 98 |
| 25 | Glucagon-like peptide 1 increases insulin sensitivity in depancreatized dogs. Diabetes, 1999, 48, 1045-1053. | 0.6 | 97 |
| 26 | Islet Cholesterol Accumulation Due to Loss of ABCA1 Leads to Impaired Exocytosis of Insulin Granules. Diabetes, 2011, 60, 3186-3196. | 0.6 | 97 |
| 27 | Research-Focused Isolation of Human Islets From Donors With and Without Diabetes at the Alberta Diabetes Institute IsletCore. Endocrinology, 2016, 157, 560-569. | 2.8 | 97 |
| 28 | Corelease and Differential Exit via the Fusion Pore of GABA, Serotonin, and ATP from LDCV in Rat Pancreatic \hat{I}^2 Cells. Journal of General Physiology, 2007, 129, 221-231. | 1.9 | 94 |
| 29 | Genetic variant effects on gene expression in human pancreatic islets and their implications for T2D. Nature Communications, 2020, 11, 4912. | 12.8 | 89 |
| 30 | Glucagon-Like Peptide-1 Receptor Activation Antagonizes Voltage-Dependent Repolarizing K ⁺ Currents in \hat{A} -Cells: A Possible Glucose-Dependent Insulinotropic Mechanism. Diabetes, 2002, 51, S443-S447. | 0.6 | 88 |
| 31 | N-acyl Taurines and Acylcarnitines Cause an Imbalance in Insulin Synthesis and Secretion Provoking \hat{I}^2 Cell Dysfunction in Type 2 Diabetes. Cell Metabolism, 2017, 25, 1334-1347.e4. | 16.2 | 87 |
| 32 | KATP-channels and glucose-regulated glucagon secretion. Trends in Endocrinology and Metabolism, 2008, 19, 277-284. | 7.1 | 86 |
| 33 | SUMOylation Regulates Insulin Exocytosis Downstream of Secretory Granule Docking in Rodents and Humans. Diabetes, 2011, 60, 838-847. | 0.6 | 84 |
| 34 | GLP-1 receptor agonists synergize with DYRK1A inhibitors to potentiate functional human \hat{I}^2 cell regeneration. Science Translational Medicine, 2020, 12, . | 12.4 | 81 |
| 35 | Synaptosome-Associated Protein of 25 Kilodaltons Modulates Kv2.1 Voltage-Dependent K ⁺ Channels in Neuroendocrine Islet \hat{I}^2 -Cells through an Interaction with the Channel N Terminus. Molecular Endocrinology, 2002, 16, 2452-2461. | 3.7 | 79 |
| 36 | SUMOylation regulates Kv2.1 and modulates pancreatic \hat{I}^2 -cell excitability. Journal of Cell Science, 2009, 122, 775-779. | 2.0 | 78 |

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|----|---|------|-----------|
| 37 | The phosphatidylinositol 3-kinase inhibitor LY294002 potently blocks Kv currents via a direct mechanism. <i>FASEB Journal</i> , 2003, 17, 720-722. | 0.5 | 75 |
| 38 | Adenylosuccinate Is an Insulin Secretagogue Derived from Glucose-Induced Purine Metabolism. <i>Cell Reports</i> , 2015, 13, 157-167. | 6.4 | 72 |
| 39 | Mitochondrial Metabolism of Pyruvate Is Essential for Regulating Glucose-stimulated Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 13335-13346. | 3.4 | 69 |
| 40 | Oscillations, Intercellular Coupling, and Insulin Secretion in Pancreatic β Cells. <i>PLoS Biology</i> , 2006, 4, e49. | 5.6 | 68 |
| 41 | Transplantation of Human Pancreatic Endoderm Cells Reverses Diabetes Post Transplantation in a Prevascularized Subcutaneous Site. <i>Stem Cell Reports</i> , 2017, 8, 1689-1700. | 4.8 | 68 |
| 42 | Calcium increases endocytotic vesicle size and accelerates membrane fission in insulin-secreting INS-1 cells. <i>Journal of Cell Science</i> , 2005, 118, 5911-5920. | 2.0 | 63 |
| 43 | Regulated Exocytosis and Kiss-and-Run of Synaptic-Like Microvesicles in INS-1 and Primary Rat β -Cells. <i>Diabetes</i> , 2005, 54, 736-743. | 0.6 | 63 |
| 44 | Interleukin-1 signaling contributes to acute islet compensation. <i>JCI Insight</i> , 2016, 1, e86055. | 5.0 | 63 |
| 45 | In Vivo Role of Focal Adhesion Kinase in Regulating Pancreatic β -Cell Mass and Function Through Insulin Signaling, Actin Dynamics, and Granule Trafficking. <i>Diabetes</i> , 2012, 61, 1708-1718. | 0.6 | 62 |
| 46 | Insulin Granule Recruitment and Exocytosis Is Dependent on p110 β in Insulinoma and Human β -Cells. <i>Diabetes</i> , 2009, 58, 2084-2092. | 0.6 | 60 |
| 47 | Decreased STARD10 Expression Is Associated with Defective Insulin Secretion in Humans and Mice. <i>American Journal of Human Genetics</i> , 2017, 100, 238-256. | 6.2 | 60 |
| 48 | Type 2 diabetes risk alleles in PAM impact insulin release from human pancreatic β -cells. <i>Nature Genetics</i> , 2018, 50, 1122-1131. | 21.4 | 59 |
| 49 | Improvement of islet transplantation by the fusion of islet cells with functional blood vessels. <i>EMBO Molecular Medicine</i> , 2021, 13, e12616. | 6.9 | 57 |
| 50 | Glucagon secretion and signaling in the development of diabetes. <i>Frontiers in Physiology</i> , 2012, 3, 349. | 2.8 | 56 |
| 51 | Impaired α -Glycine β -mia in Type 2 Diabetes and Potential Mechanisms Contributing to Glucose Homeostasis. <i>Endocrinology</i> , 2017, 158, 1064-1073. | 2.8 | 56 |
| 52 | A Glycine-Insulin Autocrine Feedback Loop Enhances Insulin Secretion From Human β -Cells and Is Impaired in Type 2 Diabetes. <i>Diabetes</i> , 2016, 65, 2311-2321. | 0.6 | 54 |
| 53 | The Ins and Outs of Secretion from Pancreatic β -Cells: Control of Single-Vesicle Exo- and Endocytosis. <i>Physiology</i> , 2007, 22, 113-121. | 3.1 | 52 |
| 54 | Intra-islet SLIT β -ROBO signaling is required for beta-cell survival and potentiates insulin secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16480-16485. | 7.1 | 52 |

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|----|--|------|-----------|
| 55 | Kiss-and-run exocytosis and fusion pores of secretory vesicles in human β -cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 457, 1343-1350. | 2.8 | 51 |
| 56 | Human islets contain a subpopulation of glucagon-like peptide-1 secreting β cells that is increased in type 2 diabetes. <i>Molecular Metabolism</i> , 2020, 39, 101014. | 6.5 | 44 |
| 57 | Loss of mTORC1 signaling alters pancreatic β cell mass and impairs glucagon secretion. <i>Journal of Clinical Investigation</i> , 2017, 127, 4379-4393. | 8.2 | 44 |
| 58 | Autocrine activation of P2Y1 receptors couples Ca^{2+} influx to Ca^{2+} release in human pancreatic beta cells. <i>Diabetologia</i> , 2014, 57, 2535-2545. | 6.3 | 43 |
| 59 | Characterization of Erg K^+ Channels in β - and β -Cells of Mouse and Human Islets. <i>Journal of Biological Chemistry</i> , 2009, 284, 30441-30452. | 3.4 | 42 |
| 60 | The voltage-dependent potassium channel subunit Kv2.1 regulates insulin secretion from rodent and human islets independently of its electrical function. <i>Diabetologia</i> , 2012, 55, 1709-1720. | 6.3 | 40 |
| 61 | Mutations to the Third Cytoplasmic Domain of the Glucagon-Like Peptide 1 (GLP-1) Receptor Can Functionally Uncouple GLP-1-Stimulated Insulin Secretion in HIT-T15 Cells. <i>Molecular Endocrinology</i> , 1999, 13, 1305-1317. | 3.7 | 39 |
| 62 | Stem Cells to Insulin Secreting Cells: Two Steps Forward and Now a Time to Pause?. <i>Cell Stem Cell</i> , 2014, 15, 535-536. | 11.1 | 39 |
| 63 | Human islet function following 20 years of cryogenic biobanking. <i>Diabetologia</i> , 2015, 58, 1503-1512. | 6.3 | 39 |
| 64 | Heterogenous impairment of β cell function in type 2 diabetes is linked to cell maturation state. <i>Cell Metabolism</i> , 2022, 34, 256-268.e5. | 16.2 | 39 |
| 65 | Temperature and redox state dependence of native Kv2.1 currents in rat pancreatic β cells. <i>Journal of Physiology</i> , 2003, 546, 647-653. | 2.9 | 38 |
| 66 | Voltage-dependent K^+ channels are positive regulators of alpha cell action potential generation and glucagon secretion in mice and humans. <i>Diabetologia</i> , 2010, 53, 1917-1926. | 6.3 | 37 |
| 67 | SUMOylation and calcium control syntaxin-1A and secretagogin sequestration by tomosyn to regulate insulin exocytosis in human β cells. <i>Scientific Reports</i> , 2017, 7, 248. | 3.3 | 37 |
| 68 | Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels in Pancreatic β -Cells. <i>Molecular Endocrinology</i> , 2007, 21, 753-764. | 3.7 | 36 |
| 69 | Inhibition of β -Cell Sodium-Calcium Exchange Enhances Glucose-Dependent Elevations in Cytoplasmic Calcium and Insulin Secretion. <i>Diabetes</i> , 2010, 59, 1686-1693. | 0.6 | 35 |
| 70 | Multivesicular exocytosis in rat pancreatic beta cells. <i>Diabetologia</i> , 2012, 55, 1001-1012. | 6.3 | 35 |
| 71 | Kv2.1 Clustering Contributes to Insulin Exocytosis and Rescues Human β -Cell Dysfunction. <i>Diabetes</i> , 2017, 66, 1890-1900. | 0.6 | 34 |
| 72 | Role of Phosphatidylinositol 3-Kinase β in the β -Cell: Interactions with Glucagon-Like Peptide-1. <i>Endocrinology</i> , 2006, 147, 3318-3325. | 2.8 | 32 |

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|----|---|------|-----------|
| 73 | Rp-cAMPS Prodrugs Reveal the cAMP Dependence of First-Phase Glucose-Stimulated Insulin Secretion. <i>Molecular Endocrinology</i> , 2015, 29, 988-1005. | 3.7 | 32 |
| 74 | Signal integration at the level of ion channel and exocytotic function in pancreatic β^2 -cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E1065-E1069. | 3.5 | 28 |
| 75 | Toward Connecting Metabolism to the Exocytotic Site. <i>Trends in Cell Biology</i> , 2017, 27, 163-171. | 7.9 | 28 |
| 76 | CRISPR-based genome editing in primary human pancreatic islet cells. <i>Nature Communications</i> , 2021, 12, 2397. | 12.8 | 26 |
| 77 | The role of the transcription factor ETV5 in insulin exocytosis. <i>Diabetologia</i> , 2014, 57, 383-391. | 6.3 | 25 |
| 78 | Antiaging Glycopeptide Protects Human Islets Against Tacrolimus-Related Injury and Facilitates Engraftment in Mice. <i>Diabetes</i> , 2016, 65, 451-462. | 0.6 | 23 |
| 79 | LKB1 couples glucose metabolism to insulin secretion in mice. <i>Diabetologia</i> , 2015, 58, 1513-1522. | 6.3 | 22 |
| 80 | A role for alternative splicing in circadian control of exocytosis and glucose homeostasis. <i>Genes and Development</i> , 2020, 34, 1089-1105. | 5.9 | 22 |
| 81 | Combinatorial transcription factor profiles predict mature and functional human islet β and β^2 cells. <i>JCI Insight</i> , 2021, 6, . | 5.0 | 22 |
| 82 | Insulin Secretion Induced by Glucose-dependent Insulinotropic Polypeptide Requires Phosphatidylinositol 3-Kinase β^3 in Rodent and Human β^2 -Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 32109-32120. | 3.4 | 21 |
| 83 | Splice Variant-Dependent Regulation of β^2 -Cell Sodium-Calcium Exchange by Acyl-Coenzyme A. <i>Molecular Endocrinology</i> , 2008, 22, 2293-2306. | 3.7 | 20 |
| 84 | Beta-cell specific Insr deletion promotes insulin hypersecretion and improves glucose tolerance prior to global insulin resistance. <i>Nature Communications</i> , 2022, 13, 735. | 12.8 | 20 |
| 85 | SUMO1 enhances cAMP-dependent exocytosis and glucagon secretion from pancreatic β cells. <i>Journal of Physiology</i> , 2014, 592, 3715-3726. | 2.9 | 19 |
| 86 | Vitamin-D-Binding Protein Contributes to the Maintenance of β Cell Function and Glucagon Secretion. <i>Cell Reports</i> , 2020, 31, 107761. | 6.4 | 19 |
| 87 | A glucose-dependent spatial patterning of exocytosis in human β^2 cells is disrupted in type 2 diabetes. <i>JCI Insight</i> , 2019, 4, . | 5.0 | 18 |
| 88 | SUMOylation protects against IL-1 β -induced apoptosis in INS-1 832/13 cells and human islets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E664-E673. | 3.5 | 17 |
| 89 | Molecular and functional profiling of human islets: from heterogeneity to human phenotypes. <i>Diabetologia</i> , 2020, 63, 2095-2101. | 6.3 | 17 |
| 90 | DeSUMOylation Controls Insulin Exocytosis in Response to Metabolic Signals. <i>Biomolecules</i> , 2012, 2, 269-281. | 4.0 | 16 |

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|-----|---|-----|-----------|
| 91 | Dichotomous role of pancreatic HUWE1/MULE/ARF-BP1 in modulating beta cell apoptosis in mice under physiological and genotoxic conditions. <i>Diabetologia</i> , 2014, 57, 1889-1898. | 6.3 | 16 |
| 92 | Functional Plasticity of the Human Infant β -Cell Exocytotic Phenotype. <i>Endocrinology</i> , 2013, 154, 1392-1399. | 2.8 | 15 |
| 93 | Mutations to the Third Cytoplasmic Domain of the Glucagon-Like Peptide 1 (GLP-1) Receptor Can Functionally Uncouple GLP-1-Stimulated Insulin Secretion in HIT-T15 Cells. <i>Molecular Endocrinology</i> , 1999, 13, 1305-1317. | 3.7 | 15 |
| 94 | From Isles of Langerhans to Islets of Langerhans: Examining the Function of the Endocrine Pancreas Through Network Science. <i>Frontiers in Endocrinology</i> , 0, 13, . | 3.5 | 15 |
| 95 | Novel roles of SUMO in pancreatic β -cells: thinking outside the nucleus. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 765-770. | 1.4 | 14 |
| 96 | Distinct and opposing roles for the phosphatidylinositol 3-OH kinase catalytic subunits p110 α and p110 β in the regulation of insulin secretion from rodent and human beta cells. <i>Diabetologia</i> , 2013, 56, 1339-1349. | 6.3 | 14 |
| 97 | PI3 kinases p110 α and PI3K-C2 β negatively regulate cAMP via PDE3/8 to control insulin secretion in mouse and human islets. <i>Molecular Metabolism</i> , 2016, 5, 459-471. | 6.5 | 13 |
| 98 | β -Cell Knockout of SENP1 Reduces Responses to Incretins and Worsens Oral Glucose Tolerance in High-Fat Diet-Fed Mice. <i>Diabetes</i> , 2021, 70, 2626-2638. | 0.6 | 13 |
| 99 | Per-arnt-sim (PAS) domain kinase (PASK) as a regulator of glucagon secretion. <i>Diabetologia</i> , 2011, 54, 719-721. | 6.3 | 12 |
| 100 | Metabolomics applied to islet nutrient sensing mechanisms. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 90-94. | 4.4 | 12 |
| 101 | A post-translational balancing act: the good and the bad of SUMOylation in pancreatic islets. <i>Diabetologia</i> , 2018, 61, 775-779. | 6.3 | 11 |
| 102 | A New Hypothesis for Type 1 Diabetes Risk: The At-Risk Allele at rs3842753 Associates With Increased Beta-Cell INS Messenger RNA in a Meta-Analysis of Single-Cell RNA-Sequencing Data. <i>Canadian Journal of Diabetes</i> , 2021, 45, 775-784.e2. | 0.8 | 11 |
| 103 | Cryopreservation and post-thaw characterization of dissociated human islet cells. <i>PLoS ONE</i> , 2022, 17, e0263005. | 2.5 | 11 |
| 104 | TRP-ing Down the Path to Insulin Secretion. <i>Diabetes</i> , 2011, 60, 28-29. | 0.6 | 10 |
| 105 | A role for PKD1 in insulin secretion downstream of P2Y ₁ receptor activation in mouse and human islets. <i>Physiological Reports</i> , 2019, 7, e14250. | 1.7 | 10 |
| 106 | cAMP-independent effects of GLP-1 on β cells. <i>Journal of Clinical Investigation</i> , 2015, 125, 4327-4330. | 8.2 | 10 |
| 107 | Triton X-100 inhibits L-type voltage-operated calcium channels. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 316-324. | 1.4 | 7 |
| 108 | STEAP4 expression in human islets is associated with differences in body mass index, sex, HbA1c, and inflammation. <i>Endocrine</i> , 2017, 56, 528-537. | 2.3 | 6 |

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|-----|--|-----|-----------|
| 109 | Chronic insulin infusion induces reversible glucose intolerance in lean rats yet ameliorates glucose intolerance in obese rats. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 313-322. | 2.4 | 6 |
| 110 | Control of secretory granule access to the plasma membrane by PI3 kinase- β . <i>Islets</i> , 2009, 1, 266-268. | 1.8 | 5 |
| 111 | Improved glucose tolerance with DPPIV inhibition requires β -cell SENP1 amplification of glucose-stimulated insulin secretion. <i>Physiological Reports</i> , 2020, 8, e14420. | 1.7 | 5 |
| 112 | P2Y1 purinergic receptor identified as a diabetes target in a small-molecule screen to reverse circadian β -cell failure. <i>ELife</i> , 2022, 11, . | 6.0 | 5 |
| 113 | Impacts of the COVID-19 pandemic on a human research islet program. <i>Islets</i> , 2022, 14, 101-113. | 1.8 | 3 |
| 114 | Controlling Insulin Secretion: An Exciting TASK. <i>Endocrinology</i> , 2014, 155, 3729-3731. | 2.8 | 1 |
| 115 | Novel mouse model expands potential human β -cell research. <i>Islets</i> , 2021, 13, 80-83. | 1.8 | 0 |
| 116 | Triton X-100 inhibits L-type voltage-operated calcium channels. <i>FASEB Journal</i> , 2012, 26, 1115.15. | 0.5 | 0 |