

# Peter C Butler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3823371/publications.pdf>

Version: 2024-02-01

110  
papers

13,674  
citations

41344

49  
h-index

25787

108  
g-index

112  
all docs

112  
docs citations

112  
times ranked

13639  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | IAPP-induced beta cell stress recapitulates the islet transcriptome in type 2 diabetes. <i>Diabetologia</i> , 2022, 65, 173-187.   | 6.3  | 19        |
| 2  | Reversing type 1 diabetes with stem cell-derived islets: a step closer to the dream?. <i>Journal of Clinical Investigation</i> , 2022, 132, .                                    | 8.2  | 5         |
| 3  | Supplying Insulin while Evading Immunity. <i>New England Journal of Medicine</i> , 2021, 384, 967-969.   | 27.0 | 1         |
| 4  | Live-cell imaging of glucose-induced metabolic coupling of $\beta^2$ and $\beta^1$ cell metabolism in health and type 2 diabetes. <i>Communications Biology</i> , 2021, 4, 594.  | 4.4  | 19        |
| 5  | Liposome-based measurement of light-driven chloride transport kinetics of halorhodopsin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183637.               | 2.6  | 4         |
| 6  | The $\beta^2$ -cell glucose toxicity hypothesis: Attractive but difficult to prove. <i>Metabolism: Clinical and Experimental</i> , 2021, 124, 154870.                            | 3.4  | 16        |
| 7  | A transparent low intensity pulsed ultrasound (LIPUS) chip for high-throughput cell stimulation. <i>Lab on A Chip</i> , 2021, 21, 4734-4742.                                     | 6.0  | 7         |
| 8  | Activation of the HIF1 $\alpha$ /PFKFB3 stress response pathway in beta cells in type 1 diabetes. <i>Diabetologia</i> , 2020, 63, 149-161.                                       | 6.3  | 49        |
| 9  | Visualizing insulin vesicle neighborhoods in $\beta^2$ cells by cryo-electron tomography. <i>Science Advances</i> , 2020, 6, .   | 10.3 | 27        |
| 10 | Pancreatic alpha-cell mass across adult human lifespan. <i>European Journal of Endocrinology</i> , 2020, 182, 219-231.   | 3.7  | 9         |
| 11 | Mechanobiology of the abluminal glycocalyx. <i>Biorheology</i> , 2019, 56, 101-112.  | 0.4  | 13        |
| 12 | IAPP toxicity activates HIF1 $\alpha$ /PFKFB3 signaling delaying $\beta^2$ -cell loss at the expense of $\beta^2$ -cell function. <i>Nature Communications</i> , 2019, 10, 2679. | 12.8 | 55        |
| 13 | Pregnancy in human IAPP transgenic mice recapitulates beta cell stress in type 2 diabetes. <i>Diabetologia</i> , 2019, 62, 1000-1010.  | 6.3  | 9         |
| 14 | Low Grade Islet but Marked Exocrine Pancreas Inflammation in an Adult with Autoimmune Pre-Diabetes. <i>Case Reports in Endocrinology</i> , 2019, 2019, 1-6.                      | 0.4  | 2         |
| 15 | Substrate-driven chemotactic assembly in an enzyme cascade. <i>Nature Chemistry</i> , 2018, 10, 311-317.   | 13.6 | 121       |
| 16 | An Increase in Chromogranin A-Positive, Hormone-Negative Endocrine Cells in Pancreas in Cystic Fibrosis. <i>Journal of the Endocrine Society</i> , 2018, 2, 1058-1066.           | 0.2  | 8         |
| 17 | Proteasomal degradation of the histone acetyl transferase p300 contributes to beta-cell injury in a diabetes environment. <i>Cell Death and Disease</i> , 2018, 9, 600.          | 6.3  | 16        |
| 18 | Mechanotargeting: Mechanics-Dependent Cellular Uptake of Nanoparticles. <i>Advanced Materials</i> , 2018, 30, e1707464.  | 21.0 | 38        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Light-Driven Chloride Transport Kinetics of Halorhodopsin. <i>Biophysical Journal</i> , 2018, 115, 353-360.  | 0.5  | 9         |
| 20 | Increased Chromogranin A <sup>+</sup> Positive Hormone-Negative Cells in Chronic Pancreatitis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2126-2135.   | 3.6  | 19        |
| 21 | In the setting of $\beta^2$ -cell stress, the pancreatic duct gland transcriptome shows characteristics of an activated regenerative response. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G848-G854.                        | 3.4  | 4         |
| 22 | Achieving high permeability and enhanced selectivity for Angstrom-scale separations using artificial water channel membranes. <i>Nature Communications</i> , 2018, 9, 2294.  | 12.8 | 95        |
| 23 | Increased Proliferation of the Pancreatic Duct Gland Compartment in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-3001.  | 3.6  | 18        |
| 24 | Mechanotransmission in endothelial cells subjected to oscillatory and multi-directional shear flow. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170185.  | 3.4  | 37        |
| 25 | Cell cycle-related metabolism and mitochondrial dynamics in a replication-competent pancreatic beta-cell line. <i>Cell Cycle</i> , 2017, 16, 2086-2099.  | 2.6  | 27        |
| 26 | $\beta^1$ -Integrin-Mediated Adhesion Is Lipid-Bilayer Dependent. <i>Biophysical Journal</i> , 2017, 113, 1080-1092.   | 0.5  | 22        |
| 27 | Enhanced Diffusion of Passive Tracers in Active Enzyme Solutions. <i>Nano Letters</i> , 2017, 17, 4807-4812.   | 9.1  | 43        |
| 28 | Membrane Protein Insertion into and Compatibility with Biomimetic Membranes. <i>Advanced Biology</i> , 2017, 1, e1700053.  | 3.0  | 24        |
| 29 | Down Syndrome-Associated Diabetes Is Not Due To a Congenital Deficiency in $\beta^2$ Cells. <i>Journal of the Endocrine Society</i> , 2017, 1, 39-45.  | 0.2  | 7         |
| 30 | Effective encapsulation and biological activity of phosphorylated chemotherapeutics in calcium phosphosilicate nanoparticles for the treatment of pancreatic cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2313-2324. | 3.3  | 11        |
| 31 | Pancreatic Nonhormone Expressing Endocrine Cells in Children With Type 1 Diabetes. <i>Journal of the Endocrine Society</i> , 2017, 1, 385-395.   | 0.2  | 22        |
| 32 | Islet inflammation and ductal proliferation may be linked to increased pancreatitis risk in type 2 diabetes. <i>JCI Insight</i> , 2017, 2, .   | 5.0  | 17        |
| 33 | Recovery of high-quality RNA from laser capture microdissected human and rodent pancreas. <i>Journal of Histotechnology</i> , 2016, 39, 59-65.   | 0.5  | 26        |
| 34 | Increased Frequency of Hormone Negative and Polyhormonal Endocrine Cells in Lean Individuals With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3628-3636.   | 3.6  | 51        |
| 35 | Glucagon-like Peptide 1 Drugs as Second-line Therapy for Type 2 Diabetes. <i>JAMA Internal Medicine</i> , 2016, 176, 1440.   | 5.1  | 9         |
| 36 | Increased Hormone-Negative Endocrine Cells in the Pancreas in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3487-3496.   | 3.6  | 50        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Using handgrip strength to screen for diabetes in developing countries. <i>Journal of Medical Engineering and Technology</i> , 2016, 40, 8-14.  | 1.4  | 11        |
| 38 | Evaluation of immunohistochemical staining for glucagon in human pancreatic tissue. <i>Journal of Histotechnology</i> , 2016, 39, 8-16.   | 0.5  | 3         |
| 39 | CHOP Contributes to, But Is Not the Only Mediator of, IAPP Induced $\beta$ -Cell Apoptosis. <i>Molecular Endocrinology</i> , 2016, 30, 446-454.   | 3.7  | 39        |
| 40 | $\beta$ -Cell Deficit in Obese Type 2 Diabetes, a Minor Role of $\beta$ -Cell Dedifferentiation and Degranulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 523-532.              | 3.6  | 107       |
| 41 | $\beta$ Cell-specific increased expression of calpastatin prevents diabetes induced by islet amyloid polypeptide toxicity. <i>JCI Insight</i> , 2016, 1, e89590.  | 5.0  | 17        |
| 42 | Pulsatile insulin secretion, impaired glucose tolerance and type 2 diabetes. <i>Molecular Aspects of Medicine</i> , 2015, 42, 61-77.  | 6.4  | 186       |
| 43 | Impulsive Enzymes: A New Force in Mechanobiology. <i>Cellular and Molecular Bioengineering</i> , 2015, 8, 106-118.  | 2.1  | 27        |
| 44 | Highly permeable artificial water channels that can self-assemble into two-dimensional arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9810-9815. | 7.1  | 152       |
| 45 | Lipid bilayer control of nascent adhesion formation. <i>Biomedical Engineering Letters</i> , 2015, 5, 172-180.  | 4.1  | 4         |
| 46 | Membrane Curvature-sensing and Curvature-inducing Activity of Islet Amyloid Polypeptide and Its Implications for Membrane Disruption. <i>Journal of Biological Chemistry</i> , 2015, 290, 25782-25793.        | 3.4  | 40        |
| 47 | Molecular Cloning, Overexpression and Characterization of a Novel Water Channel Protein from <i>Rhodobacter sphaeroides</i> . <i>PLoS ONE</i> , 2014, 9, e86830.  | 2.5  | 30        |
| 48 | UCHL1 deficiency exacerbates human islet amyloid polypeptide toxicity in $\beta$ -cells. <i>Autophagy</i> , 2014, 10, 1004-1014.  | 9.1  | 54        |
| 49 | Shear-induced force transmission in a multicomponent, multicell model of the endothelium. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20140431.   | 3.4  | 24        |
| 50 | Insulin-Degrading Enzyme Inhibition, a Novel Therapy for Type 2 Diabetes?. <i>Cell Metabolism</i> , 2014, 20, 201-203.  | 16.2 | 25        |
| 51 | Autophagy defends pancreatic $\beta$ cells from human islet amyloid polypeptide-induced toxicity. <i>Journal of Clinical Investigation</i> , 2014, 124, 3489-3500.  | 8.2  | 188       |
| 52 | A Critical Analysis of the Clinical Use of Incretin-Based Therapies. <i>Diabetes Care</i> , 2013, 36, 2118-2125.  | 8.6  | 264       |
| 53 | $\beta$ -Cell Failure in Type 2 Diabetes: A Case of Asking Too Much of Too Few?. <i>Diabetes</i> , 2013, 62, 327-335.   | 0.6  | 103       |
| 54 | Response to Comment on: Saisho et al. $\beta$ -Cell Mass and Turnover in Humans: Effects of Obesity and Aging. <i>Diabetes Care</i> 2013;36:1111-1117. <i>Diabetes Care</i> , 2013, 36, e112-e112.            | 8.6  | 6         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Î²-Cell Mass and Turnover in Humans. <i>Diabetes Care</i> , 2013, 36, 111-117.   | 8.6 | 330       |
| 56 | Pulsatile Portal Vein Insulin Delivery Enhances Hepatic Insulin Action and Signaling. <i>Diabetes</i> , 2012, 61, 2269-2279.   | 0.6 | 142       |
| 57 | Beta cell nuclear musculoaponeurotic fibrosarcoma oncogene family A (MafA) is deficient in type 2 diabetes. <i>Diabetologia</i> , 2012, 55, 2985-2988.   | 6.3 | 44        |
| 58 | Chronic GLP-1 Receptor Activation by Exendin-4 Induces Expansion of Pancreatic Duct Glands in Rats and Accelerates Formation of Dysplastic Lesions and Chronic Pancreatitis in the KrasG12D Mouse Model. <i>Diabetes</i> , 2012, 61, 1250-1262.                | 0.6 | 201       |
| 59 | Shortened Î²-cell lifespan leads to Î²-cell deficit in a rodent model of type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E933-E938.   | 3.5 | 4         |
| 60 | Cyclin-Dependent Kinase 5 Promotes Pancreatic Î²-Cell Survival via Fak-Akt Signaling Pathways. <i>Diabetes</i> , 2011, 60, 1186-1197.  | 0.6 | 44        |
| 61 | Farewell Statement From Dr. Peter Butler as Outgoing Editor in Chief of <i>Diabetes</i> . <i>Diabetes</i> , 2011, 60, 3099-3099.   | 0.6 | 0         |
| 62 | A low frequency of pancreatic islet insulin-expressing cells derived from cord blood stem cell allografts in humans. <i>Diabetologia</i> , 2011, 54, 1066-1074.  | 6.3 | 12        |
| 63 | Î²-Cell Dysfunctional ERAD/Ubiquitin/Proteasome System in Type 2 Diabetes Mediated by Islet Amyloid Polypeptide-Induced UCH-L1 Deficiency. <i>Diabetes</i> , 2011, 60, 227-238.  | 0.6 | 103       |
| 64 | Relationship between fractional pancreatic beta cell area and fasting plasma glucose concentration in monkeys. <i>Diabetologia</i> , 2010, 53, 111-114.  | 6.3 | 27        |
| 65 | Pancreatic duct replication is increased with obesity and type 2 diabetes in humans. <i>Diabetologia</i> , 2010, 53, 21-26.  | 6.3 | 87        |
| 66 | Adaptive changes in pancreatic beta cell fractional area and beta cell turnover in human pregnancy. <i>Diabetologia</i> , 2010, 53, 2167-2176.   | 6.3 | 371       |
| 67 | Evidence for Proteotoxicity in Î² Cells in Type 2 Diabetes. <i>American Journal of Pathology</i> , 2010, 176, 861-869.   | 3.8 | 207       |
| 68 | The effect of curcumin on human islet amyloid polypeptide misfolding and toxicity. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2010, 17, 118-128. | 3.0 | 83        |
| 69 | Insulin Secretion. , 2010, , 624-635.  |     | 0         |
| 70 | Successful Versus Failed Adaptation to High-Fat Diet-Induced Insulin Resistance. <i>Diabetes</i> , 2009, 58, 906-916.  | 0.6 | 84        |
| 71 | Annexin A5 Directly Interacts with Amyloidogenic Proteins and Reduces Their Toxicity. <i>Biochemistry</i> , 2009, 48, 10568-10576.   | 2.5 | 19        |
| 72 | Beneficial Endocrine but Adverse Exocrine Effects of Sitagliptin in the Human Islet Amyloid Polypeptide Transgenic Rat Model of Type 2 Diabetes. <i>Diabetes</i> , 2009, 58, 1604-1615.  | 0.6 | 222       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 73 | Development of factors to convert frequency to rate for $\beta$ -cell replication and apoptosis quantified by time-lapse video microscopy and immunohistochemistry. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E89-E96.            | 3.5  | 12        |
| 74 | Dynamics of $\beta$ -cell turnover: evidence for $\beta$ -cell turnover and regeneration from sources of $\beta$ -cells other than $\beta$ -cell replication in the HIP rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E323-E330. | 3.5  | 23        |
| 75 | Relationship between pancreatic vesicular monoamine transporter 2 (VMAT2) and insulin expression in human pancreas. <i>Journal of Molecular Histology</i> , 2008, 39, 543-551.  | 2.2  | 80        |
| 76 | Many Commercially Available Antibodies for Detection of CHOP Expression as a Marker of Endoplasmic Reticulum Stress Fail Specificity Evaluation. <i>Cell Biochemistry and Biophysics</i> , 2008, 51, 105-107.   | 1.8  | 24        |
| 77 | $\beta$ -Cell Replication Is the Primary Mechanism Subserving the Postnatal Expansion of $\beta$ -Cell Mass in Humans. <i>Diabetes</i> , 2008, 57, 1584-1594.   | 0.6  | 616       |
| 78 | Adaptations in pulsatile insulin secretion, hepatic insulin clearance, and $\beta$ -cell mass to age-related insulin resistance in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E832-E841.                                     | 3.5  | 48        |
| 79 | Islet Amyloid in Type 2 Diabetes, and the Toxic Oligomer Hypothesis. <i>Endocrine Reviews</i> , 2008, 29, 303-316.  | 20.1 | 541       |
| 80 | Hematopoietic Stem Cells Derived From Adult Donors Are Not a Source of Pancreatic $\beta$ -Cells in Adult Nondiabetic Humans. <i>Diabetes</i> , 2007, 56, 1810-1816.  | 0.6  | 46        |
| 81 | Toxic Human Islet Amyloid Polypeptide (h-IAPP) Oligomers Are Intracellular, and Vaccination to Induce Anti-Toxic Oligomer Antibodies Does Not Prevent h-IAPP-Induced $\beta$ -Cell Apoptosis in h-IAPP Transgenic Mice. <i>Diabetes</i> , 2007, 56, 1324-1332.            | 0.6  | 167       |
| 82 | High Expression Rates of Human Islet Amyloid Polypeptide Induce Endoplasmic Reticulum Stress-Mediated $\beta$ -Cell Apoptosis, a Characteristic of Humans With Type 2 but Not Type 1 Diabetes. <i>Diabetes</i> , 2007, 56, 2016-2027.                                     | 0.6  | 362       |
| 83 | Human Islet Amyloid Polypeptide Oligomers Disrupt Cell Coupling, Induce Apoptosis, and Impair Insulin Secretion in Isolated Human Islets. <i>Diabetes</i> , 2007, 56, 65-71.  | 0.6  | 170       |
| 84 | Integrated multimodal microscopy, time-resolved fluorescence, and optical-trap rheometry: toward single molecule mechanobiology. <i>Journal of Biomedical Optics</i> , 2007, 12, 014012.  | 2.6  | 36        |
| 85 | Induction of endoplasmic reticulum stress-induced $\beta$ -cell apoptosis and accumulation of polyubiquitinated proteins by human islet amyloid polypeptide. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1656-E1662.               | 3.5  | 126       |
| 86 | The replication of $\beta$ cells in normal physiology, in disease and for therapy. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007, 3, 758-768.   | 2.8  | 238       |
| 87 | Pancreas volumes in humans from birth to age one hundred taking into account sex, obesity, and presence of type 2 diabetes. <i>Clinical Anatomy</i> , 2007, 20, 933-942.  | 2.7  | 378       |
| 88 | Modestly increased beta cell apoptosis but no increased beta cell replication in recent-onset type 1 diabetic patients who died of diabetic ketoacidosis. <i>Diabetologia</i> , 2007, 50, 2323-2331.  | 6.3  | 116       |
| 89 | Relationship Between $\beta$ -Cell Mass and Fasting Blood Glucose Concentration in Humans. <i>Diabetes Care</i> , 2006, 29, 717-718.  | 8.6  | 184       |
| 90 | Direct evidence of attempted beta cell regeneration in an 89-year-old patient with recent-onset type 1 diabetes. <i>Diabetologia</i> , 2006, 49, 1838-1844.   | 6.3  | 177       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Increased islet beta cell replication adjacent to intrapancreatic gastrinomas in humans. <i>Diabetologia</i> , 2006, 49, 2689-2696.   | 6.3 | 62        |
| 92  | Response to comment on: Meier JJ, Lin JC, Butler AE, Galasso R, Martinez DS, Butler PC (2006) Direct evidence of attempted beta cell regeneration in an 89-year-old patient with recent-onset type 1 diabetes. <i>Diabetologia</i> 49:1838-1844. <i>Diabetologia</i> , 2006, 49, 2803-2804.         | 6.3 | 7         |
| 93  | The Potential for Stem Cell Therapy in Diabetes. <i>Pediatric Research</i> , 2006, 59, 65R-73R.   | 2.3 | 50        |
| 94  | Inhibition of human IAPP fibril formation does not prevent $\beta$ -cell death: evidence for distinct actions of oligomers and fibrils of human IAPP. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1317-E1324.  | 3.5 | 148       |
| 95  | Islet Amyloid Polypeptide (IAPP) Transgenic Rodents as Models for Type 2 Diabetes. <i>ILAR Journal</i> , 2006, 47, 225-233.   | 1.8 | 121       |
| 96  | $\beta$ -Cell Deficit Due to Increased Apoptosis in the Human Islet Amyloid Polypeptide Transgenic (HIP) Rat Recapitulates the Metabolic Defects Present in Type 2 Diabetes. <i>Diabetes</i> , 2006, 55, 2106-2114.   | 0.6 | 134       |
| 97  | Mechanisms of Impaired Fasting Glucose and Glucose Intolerance Induced by a 50% Pancreatectomy. <i>Diabetes</i> , 2006, 55, 2347-2356.  | 0.6 | 71        |
| 98  | Sustained beta cell apoptosis in patients with long-standing type 1 diabetes: indirect evidence for islet regeneration?. <i>Diabetologia</i> , 2005, 48, 2221-2228.   | 6.3 | 441       |
| 99  | Activation of Peroxisome Proliferator-Activated Receptor- $\beta$ by Rosiglitazone Protects Human Islet Cells against Human Islet Amyloid Polypeptide Toxicity by a Phosphatidylinositol 3-Kinase-Dependent Pathway. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6678-6686. | 3.6 | 94        |
| 100 | Pulsatile Insulin Secretion Dictates Systemic Insulin Delivery by Regulating Hepatic Insulin Extraction In Humans. <i>Diabetes</i> , 2005, 54, 1649-1656.   | 0.6 | 201       |
| 101 | Diabetes Due to a Progressive Defect in $\beta$ -Cell Mass in Rats Transgenic for Human Islet Amyloid Polypeptide (HIP Rat). <i>Diabetes</i> , 2004, 53, 1509-1516.   | 0.6 | 239       |
| 102 | $\beta$ -Cell Deficit and Increased $\beta$ -Cell Apoptosis in Humans With Type 2 Diabetes. <i>Diabetes</i> , 2003, 52, 102-110.  | 0.6 | 3,615     |
| 103 | Increased $\beta$ -Cell Apoptosis Prevents Adaptive Increase in $\beta$ -Cell Mass in Mouse Model of Type 2 Diabetes: Evidence for Role of Islet Amyloid Formation Rather Than Direct Action of Amyloid. <i>Diabetes</i> , 2003, 52, 2304-2314.   | 0.6 | 374       |
| 104 | Replication Increases $\beta$ -Cell Vulnerability to Human Islet Amyloid Polypeptide-Induced Apoptosis. <i>Diabetes</i> , 2003, 52, 1701-1708.  | 0.6 | 107       |
| 105 | Glucose Stimulates Pulsatile Insulin Secretion from Human Pancreatic Islets by Increasing Secretory Burst Mass: Dose-Response Relationships. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 742-747.   | 3.6 | 53        |
| 106 | Pulsatile Insulin Secretion: Detection, Regulation, and Role in Diabetes. <i>Diabetes</i> , 2002, 51, S245-S254.  | 0.6 | 180       |
| 107 | Overnight inhibition of insulin secretion restores pulsatility and proinsulin/insulin ratio in type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E520-E528.  | 3.5 | 110       |
| 108 | Direct Measurement of Pulsatile Insulin Secretion from the Portal Vein in Human Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4491-4499.  | 3.6 | 132       |

| #   | ARTICLE  | IF | CITATIONS |
|-----|--|----|-----------|
| 109 | Insulin Secretion in Type II Diabetes Mellitus. , 1997, , 119-136.         |    | 8         |
| 110 | Islet Amyloid Polypeptide (IAPP) and Insulin Secretion. , 1994, , 381-398. |    | 5         |