# Michael A Kalwat

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 18 papers | 516 citations | 12 h-index | 22 g-index |
| 24 ext. papers | 669 ext. citations | 6.2 avg, IF | 3.91 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 18 | High-Throughput Screening for Insulin Secretion Modulators. *Methods in Molecular Biology*, **2021**, 2233, 131-138 | 1.4 | 0 |
| 17 | Pancreatitis is an FGF21-deficient state that is corrected by replacement therapy. *Science Translational Medicine*, **2020**, 12, | 17.5 | 16 |
| 16 | Adrenergic Disruption of Cell BDNF-TrkB Receptor Tyrosine Kinase Signaling. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 576396 | 5.7 | 2 |
| 15 | Measuring Relative Insulin Secretion using a Co-Secreted Luciferase Surrogate. *Journal of Visualized Experiments*, **2019**, | 1.6 | 3 |
| 14 | Chromomycin A potently inhibits glucose-stimulated insulin secretion from pancreatic cells. *Journal of General Physiology*, **2018**, 150, 1747-1757 | 3.4 | 5 |
| 13 | Sucralose activates an ERK1/2-ribosomal protein S6 signaling axis. *FEBS Open Bio*, **2017**, 7, 174-186 | 2.7 | 6 |
| 12 | Mechanisms of the amplifying pathway of insulin secretion in the cell. *Pharmacology & Therapeutics*, **2017**, 179, 17-30 | 13.9 | 62 |
| 11 | Insulin promoter-driven Gaussia luciferase-based insulin secretion biosensor assay for discovery of cell glucose-sensing pathways. *ACS Sensors*, **2016**, 1, 1208-1212 | 9.2 | 21 |
| 10 | Isoxazole Alters Metabolites and Gene Expression, Decreasing Proliferation and Promoting a Neuroendocrine Phenotype in Cells. *ACS Chemical Biology*, **2016**, 11, 1128-36 | 4.9 | 18 |
| 9 | Signaling mechanisms of glucose-induced F-actin remodeling in pancreatic islet cells. *Experimental and Molecular Medicine*, **2013**, 45, e37 | 12.8 | 82 |
| 8 | A p21-activated kinase (PAK1) signaling cascade coordinately regulates F-actin remodeling and insulin granule exocytosis in pancreatic cells. *Biochemical Pharmacology*, **2013**, 85, 808-16 | 6 | 51 |
| 7 | Doc2b is a key effector of insulin secretion and skeletal muscle insulin sensitivity. *Diabetes*, **2012**, 61, 2424-32 | 0.9 | 33 |
| 6 | Gelsolin associates with the N terminus of syntaxin 4 to regulate insulin granule exocytosis. *Molecular Endocrinology*, **2012**, 26, 128-41 | | 33 |
| 5 | Munc18-1 regulates first-phase insulin release by promoting granule docking to multiple syntaxin isoforms. *Journal of Biological Chemistry*, **2012**, 287, 25821-33 | 5.4 | 48 |
| 4 | Munc18c phosphorylation by the insulin receptor links cell signaling directly to SNARE exocytosis. *Journal of Cell Biology*, **2011**, 193, 185-99 | 7.3 | 59 |
| 3 | Stimulus-induced S-nitrosylation of Syntaxin 4 impacts insulin granule exocytosis. *Journal of Biological Chemistry*, **2011**, 286, 16344-54 | 5.4 | 42 |
| 2 | Cool-1/PIX functions as a guanine nucleotide exchange factor in the cycling of Cdc42 to regulate insulin secretion. *American Journal of Physiology - Endocrinology and Metabolism*, **2011**, 301, E1072-80 | 6 | 31 |

# List of Publications

1 β-adrenergic signaling disrupts cell BDNF-TrkB receptor tyrosine kinase signaling 1