Jake A Kushner

List of Publications by Year in Descending Order

71 papers	6,210 citations	36 h-index	78 g-index
78 ext. papers	6,842 ext. citations	10.3 avg, IF	5.57 L-index

#	Paper	IF	Citations
71	Effects of Sotagliflozin Combined with Intensive Insulin Therapy in Young Adults with Poorly Controlled Type 1 Diabetes: The JDRF Sotagliflozin Study. *Diabetes Technology and Therapeutics*, **2021**, 23, 59-69	8.1	3
70	Diabetic Ketoacidosis and Related Events With Sotagliflozin Added to Insulin in Adults With Type 1 Diabetes: A Pooled Analysis of the inTandem 1 and 2 Studies. *Diabetes Care*, **2020**, 43, 2713-2720	14.6	6
69	Tamoxifen suppresses pancreatic □cell proliferation in mice. *PLoS ONE*, **2019**, 14, e0214829	3.7	13
68	The Autoimmune Disorder Susceptibility Gene Restrains NK Cell Function in YTS NK Cell Line and Knockout Mice. *Frontiers in Immunology*, **2019**, 10, 68	8.4	11
67	Outcomes, care utilization, and expenditures in adolescent pregnancy complicated by diabetes. *Pediatric Diabetes*, **2019**, 20, 769-777	3.6	7
66	Adjunct Therapy in Type 1 Diabetes: A Survey to Uncover Unmet Needs and Patient Preferences Beyond HbA1c Measures. *Diabetes Technology and Therapeutics*, **2019**, 21, 336-343	8.1	4
65	Glucagon Receptor Antagonist-Stimulated □Cell Proliferation Is Severely Restricted With Advanced Age. *Diabetes*, **2019**, 68, 963-974	0.9	3
64	Improved Time in Range and Glycemic Variability With Sotagliflozin in Combination With Insulin in Adults With Type 1 Diabetes: A Pooled Analysis of 24-Week Continuous Glucose Monitoring Data From the inTandem Program. *Diabetes Care*, **2019**, 42, 919-930	14.6	37
63	Improving the scientific rigour of nutritional recommendations for adults with type 2 diabetes: A comprehensive review of the American Diabetes Association guideline-recommended eating patterns. *Diabetes, Obesity and Metabolism*, **2019**, 21, 1769-1779	6.7	22
62	International Consensus on Risk Management of Diabetic Ketoacidosis in Patients With Type 1 Diabetes Treated With Sodium-Glucose Cotransporter (SGLT) Inhibitors. *Diabetes Care*, **2019**, 42, 1147-1154	14.6	138
61	Dose-dependent glycometabolic effects of sotagliflozin on type 1 diabetes over 12 weeks: The inTandem4 trial. *Diabetes, Obesity and Metabolism*, **2019**, 21, 2440-2449	6.7	15
60	Low-Level Insulin Content Within Abundant Non-□Islet Endocrine Cells in Long-standing Type 1 Diabetes. *Diabetes*, **2019**, 68, 598-608	0.9	21
59	Highly Proliferative □Cell-Related Islet Endocrine Cells in Human Pancreata. *Diabetes*, **2018**, 67, 674-686	0.9	23
58	Increased Time-in-Range with Sotagliflozin as Adjunct Therapy to Insulin in Adults with Type 1 Diabetes as Demonstrated by 24-Week Continuous Glucose Monitoring (inTandem1, inTandem2). *Diabetes*, **2018**, 67, 1179-P	0.9	2
57	Fifty-Two-Week Efficacy and Safety of Sotagliflozin, a Dual SGLT1 and SGLT2 Inhibitor, as Adjunct Therapy to Insulin in Adults with Type 1 Diabetes (inTandem1). *Diabetes*, **2018**, 67, 212-OR	0.9	4
56	Identifying and addressing gaps in reproductive health education for adolescent girls with type 1 diabetes. *PLoS ONE*, **2018**, 13, e0206102	3.7	10
55	CLEC16A regulates splenocyte and NK cell function in part through MEK signaling. *PLoS ONE*, **2018**, 13, e0203952	3.7	11

54	HbA and Hypoglycemia Reductions at 24 and 52 Weeks With Sotagliflozin in Combination With Insulin in Adults With Type 1 Diabetes: The European inTandem2 Study. *Diabetes Care*, **2018**, 41, 1981-1990	14.6	95
53	Sotagliflozin in Combination With Optimized Insulin Therapy in Adults With Type 1 Diabetes: The North American inTandem1 Study. *Diabetes Care*, **2018**, 41, 1970-1980	14.6	117
52	Cells Persist in T1D Pancreata Without Evidence of Ongoing Cell Turnover or Neogenesis. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2647-2659	5.6	30
51	Incretin Therapies Do Not Expand Cell Mass or Alter Pancreatic Histology in Young Male Mice. *Endocrinology*, **2017**, 158, 1701-1714	4.8	11
50	Comparative Pathogenesis of Autoimmune Diabetes in Humans, NOD Mice, and Canines: Has a Valuable Animal Model of Type 1 Diabetes Been Overlooked?. *Diabetes*, **2017**, 66, 1443-1452	0.9	30
49	Area IV Knockout Reveals How Pdx1 Is Regulated in Postnatal Cell Development. *Diabetes*, **2017**, 66, 2738-2740	0.9	1
48	Effects of Sotagliflozin Added to Insulin in Patients with Type 1 Diabetes. *New England Journal of Medicine*, **2017**, 377, 2337-2348	59.2	224
47	Rebranding asymptomatic type 1 diabetes: the case for autoimmune beta cell disorder as a pathological and diagnostic entity. *Diabetologia*, **2017**, 60, 35-38	10.3	20
46	Extreme obesity induces massive beta cell expansion in mice through self-renewal and does not alter the beta cell lineage. *Diabetologia*, **2016**, 59, 1231-41	10.3	19
45	Resolving Discrepant Findings on ANGPTL8 in Cell Proliferation: A Collaborative Approach to Resolving the Betatrophin Controversy. *PLoS ONE*, **2016**, 11, e0159276	3.7	34
44	Angiopoietin-like protein 8 (ANGPTL8)/betatrophin overexpression does not increase beta cell proliferation in mice. *Diabetologia*, **2015**, 58, 1523-31	10.3	52
43	Prediction and prevention of type 1 diabetes: update on success of prediction and struggles at prevention. *Pediatric Diabetes*, **2015**, 16, 465-84	3.6	48
42	Extreme Beta-Cell Deficiency in Pancreata of Dogs with Canine Diabetes. *PLoS ONE*, **2015**, 10, e0129809	3.7	24
41	Type I interferons mediate pancreatic toxicities of PERK inhibition. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 15420-5	11.5	40
40	Stem cells to insulin secreting cells: two steps forward and now a time to pause?. *Cell Stem Cell*, **2014**, 15, 535-6	18	33
39	The diabetes susceptibility gene Clec16a regulates mitophagy. *Cell*, **2014**, 157, 1577-90	56.2	125
38	Permanent neonatal diabetes mellitus in monozygotic twins achieving low-dose sulfonylurea therapy. *Journal of Pediatric Endocrinology and Metabolism*, **2014**, 27, 135-8	1.6	2
37	GATA factors promote ER integrity and cell survival and contribute to type 1 diabetes risk. *Molecular Endocrinology*, **2014**, 28, 28-39		13

36	Cells are not generated in pancreatic duct ligation-induced injury in adult mice. *Diabetes*, **2013**, 62, 1634-45	0.9	87
35	The role of aging upon cell turnover. *Journal of Clinical Investigation*, **2013**, 123, 990-5	15.9	114
34	miR-211 is a prosurvival microRNA that regulates chop expression in a PERK-dependent manner. *Molecular Cell*, **2012**, 48, 353-64	17.6	170
33	Development. Esophageal stem cells, where art thou?. *Science*, **2012**, 337, 1051-2	33.3	5
32	Overexpression of hepatocyte nuclear factor-4 initiates cell cycle entry, but is not sufficient to promote cell expansion in human islets. *Molecular Endocrinology*, **2012**, 26, 1590-602		40
31	PERK is required in the adult pancreas and is essential for maintenance of glucose homeostasis. *Molecular and Cellular Biology*, **2012**, 32, 5129-39	4.8	81
30	Glucose and inflammation control islet vascular density and beta-cell function in NOD mice: control of islet vasculature and vascular endothelial growth factor by glucose. *Diabetes*, **2011**, 60, 876-83	0.9	36
29	Immunofluorescent detection of two thymidine analogues (CldU and IdU) in primary tissue. *Journal of Visualized Experiments*, **2010**,	1.6	33
28	Insulin-like growth factor 2 and the insulin receptor, but not insulin, regulate fetal hepatic glycogen synthesis. *Endocrinology*, **2010**, 151, 741-7	4.8	23
27	Calcineurin signaling regulates human islet {beta}-cell survival. *Journal of Biological Chemistry*, **2010**, 285, 40050-9	5.4	107
26	Aging induces a distinct gene expression program in mouse islets. *Islets*, **2010**, 2, 345-52	2	33
25	Ductal origin hypothesis of pancreatic regeneration under attack. *Cell Metabolism*, **2010**, 11, 2-3	24.6	59
24	Cyclin D2 protein stability is regulated in pancreatic beta-cells. *Molecular Endocrinology*, **2009**, 23, 1865-75		44
23	Adaptive beta-cell proliferation is severely restricted with advanced age. *Diabetes*, **2009**, 58, 1365-72	0.9	257
22	Irs2 inactivation suppresses tumor progression in Pten+/- mice. *American Journal of Pathology*, **2009**, 174, 276-86	5.8	19
21	Beta-cell mass and type 1 diabetes: going, going, gone?. *Diabetes*, **2008**, 57, 2883-8	0.9	112
20	Haematopoietic stem cells do not asymmetrically segregate chromosomes or retain BrdU. *Nature*, **2007**, 449, 238-42	50.4	328
19	Autoimmunity and beta cell regeneration in mouse and human type 1 diabetes: the peace is not enough. *Annals of the New York Academy of Sciences*, **2007**, 1103, 19-32	6.5	36

18	Exendin-4 improves reversal of diabetes in NOD mice treated with anti-CD3 monoclonal antibody by enhancing recovery of beta-cells. *Endocrinology*, **2007**, 148, 5136-44	4.8	150
17	Identification of a WD40 repeat-containing isoform of PHIP as a novel regulator of beta-cell growth and survival. *Molecular and Cellular Biology*, **2007**, 27, 6484-96	4.8	34
16	Growth and regeneration of adult beta cells does not involve specialized progenitors. *Developmental Cell*, **2007**, 12, 817-26	10.2	483
15	Beta-cell growth: an unusual paradigm of organogenesis that is cyclin D2/Cdk4 dependent. *Cell Cycle*, **2006**, 5, 234-7	4.7	36
14	Effects of autoimmunity and immune therapy on beta-cell turnover in type 1 diabetes. *Diabetes*, **2006**, 55, 3238-45	0.9	125
13	Very slow turnover of beta-cells in aged adult mice. *Diabetes*, **2005**, 54, 2557-67	0.9	399
12	Insulin receptor substrate 2 is essential for maturation and survival of photoreceptor cells. *Journal of Neuroscience*, **2005**, 25, 1240-8	6.6	65
11	Phosphatase and tensin homolog regulation of islet growth and glucose homeostasis. *Journal of Biological Chemistry*, **2005**, 280, 39388-93	5.4	42
10	Cyclins D2 and D1 are essential for postnatal pancreatic beta-cell growth. *Molecular and Cellular Biology*, **2005**, 25, 3752-62	4.8	293
9	Islet-sparing effects of protein tyrosine phosphatase-1b deficiency delays onset of diabetes in IRS2 knockout mice. *Diabetes*, **2004**, 53, 61-6	0.9	66
8	Effects of dietary glycaemic index on adiposity, glucose homoeostasis, and plasma lipids in animals. *Lancet, The*, **2004**, 364, 778-85	40	242
7	Dysregulation of insulin receptor substrate 2 in beta cells and brain causes obesity and diabetes. *Journal of Clinical Investigation*, **2004**, 114, 908-16	15.9	231
6	Insulin receptor substrate-2 deficiency impairs brain growth and promotes tau phosphorylation. *Journal of Neuroscience*, **2003**, 23, 7084-92	6.6	378
5	Pdx1 restores □cell function in Irs2 knockout mice. *Journal of Clinical Investigation*, **2002**, 109, 1193-1201	15.9	141
4	Pdx1 restores beta cell function in Irs2 knockout mice. *Journal of Clinical Investigation*, **2002**, 109, 1193-2019	15.9	81
3	Expression and regulation of adrenodoxin and P450scc mRNA in rodent tissues. *DNA and Cell Biology*, **1991**, 10, 339-47	3.6	35
2	Cloning and expression of human and rat D1 dopamine receptors. *Nature*, **1990**, 347, 76-80	50.4	539
1	High Expression in Mammalian Cells Without Amplification. *Nature Biotechnology*, **1989**, 7, 359-362	44.5	26