Peter M Jones

List of Publications by Citations

162 papers	5,290 citations	43 h-index	66 g-index
165 ext. papers	5,845 ext. citations	5.1 avg, IF	5.71 L-index

#	Paper	IF	Citations
162	Somatostatin secreted by islet delta-cells fulfills multiple roles as a paracrine regulator of islet function. *Diabetes*, **2009**, 58, 403-11	0.9	208
161	Subunit interactions in ABC transporters: towards a functional architecture. *FEMS Microbiology Letters*, **1999**, 179, 187-202	2.9	196
160	Protein kinases, protein phosphorylation, and the regulation of insulin secretion from pancreatic beta-cells. *Endocrine Reviews*, **1998**, 19, 429-61	27.2	157
159	ABC transporters: a riddle wrapped in a mystery inside an enigma. *Trends in Biochemical Sciences*, **2009**, 34, 520-31	10.3	147
158	Metabolic phenotyping guidelines: assessing glucose homeostasis in rodent models. *Journal of Endocrinology*, **2014**, 222, G13-25	4.7	146
157	An atlas and functional analysis of G-protein coupled receptors in human islets of Langerhans. *Pharmacology & Therapeutics*, **2013**, 139, 359-91	13.9	139
156	Function and expression of melatonin receptors on human pancreatic islets. *Journal of Pineal Research*, **2008**, 44, 273-9	10.4	132
155	ERKs regulate cyclic AMP-induced steroid synthesis through transcription of the steroidogenic acute regulatory (StAR) gene. *Journal of Biological Chemistry*, **2001**, 276, 34888-95	5.4	124
154	Mechanism of ABC transporters: a molecular dynamics simulation of a well characterized nucleotide-binding subunit. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 12639-44	11.5	121
153	A role for kisspeptin in islet function. *Diabetologia*, **2006**, 49, 2131-5	10.3	118
152	Glucose-induced regulation of COX-2 expression in human islets of Langerhans. *Diabetes*, **2004**, 53 Suppl 1, S190-2	0.9	102
151	Altered Mitochondrial Function, Mitochondrial DNA and Reduced Metabolic Flexibility in Patients With Diabetic Nephropathy. *EBioMedicine*, **2015**, 2, 499-512	8.8	101
150	Perspectives on the structure-function of ABC transporters: the Switch and Constant Contact models. *Progress in Biophysics and Molecular Biology*, **2012**, 109, 95-107	4.7	94
149	Opening of the ADP-bound active site in the ABC transporter ATPase dimer: evidence for a constant contact, alternating sites model for the catalytic cycle. *Proteins: Structure, Function and Bioinformatics*, **2009**, 75, 387-96	4.2	91
148	Effects of Ca2+ and a phorbol ester on insulin secretion from islets of Langerhans permeabilised by high-voltage discharge. *FEBS Letters*, **1985**, 191, 102-6	3.8	84
147	The development of new density gradient media for purifying human islets and islet-quality assessments. *Transplantation*, **2004**, 77, 143-5	1.8	83
146	MIN6 beta-cell-beta-cell interactions influence insulin secretory responses to nutrients and non-nutrients. *Biochemical and Biophysical Research Communications*, **2006**, 343, 99-104	3.4	81

145	Role of the endocannabinoid system in food intake, energy homeostasis and regulation of the endocrine pancreas. *Pharmacology & Therapeutics*, **2011**, 129, 307-20	13.9	76
144	Co-transplantation of islets with mesenchymal stem cells in microcapsules demonstrates graft outcome can be improved in an isolated-graft model of islet transplantation in mice. *Cytotherapy*, **2013**, 15, 192-200	4.8	75
143	Polycystic Kidney Disease with Hyperinsulinemic Hypoglycemia Caused by a Promoter Mutation in Phosphomannomutase 2. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 2529-2539	12.7	73
142	The role of arachidonic acid and its metabolites in insulin secretion from human islets of langerhans. *Diabetes*, **2007**, 56, 197-203	0.9	70
141	Activation of the extracellular calcium-sensing receptor initiates insulin secretion from human islets of Langerhans: involvement of protein kinases. *Journal of Endocrinology*, **2006**, 190, 703-10	4.7	68
140	Identification of insulin signaling elements in human beta-cells: autocrine regulation of insulin gene expression. *Diabetes*, **2006**, 55, 2835-42	0.9	68
139	Insulin receptor activation inhibits insulin secretion from human islets of Langerhans. *FEBS Letters*, **2002**, 510, 225-8	3.8	62
138	Nucleotide-dependent allostery within the ABC transporter ATP-binding cassette: a computational study of the MJ0796 dimer. *Journal of Biological Chemistry*, **2007**, 282, 22793-803	5.4	59
137	Favorable outcome of experimental islet xenotransplantation without immunosuppression in a nonhuman primate model of diabetes. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 11745-11750	11.5	56
136	Pre-culturing islets with mesenchymal stromal cells using a direct contact configuration is beneficial for transplantation outcome in diabetic mice. *Cytotherapy*, **2013**, 15, 449-59	4.8	56
135	Expression and function of cannabinoid receptors in mouse islets. *Islets*, **2010**, 2, 293-302	2	55
134	Annexin A1 Is a Key Modulator of Mesenchymal Stromal Cell-Mediated Improvements in Islet Function. *Diabetes*, **2016**, 65, 129-39	0.9	53
133	Mechanism of the ABC transporter ATPase domains: catalytic models and the biochemical and biophysical record. *Critical Reviews in Biochemistry and Molecular Biology*, **2013**, 48, 39-50	8.7	53
132	Translocation of protein kinase C in rat islets of Langerhans. Effects of a phorbol ester, carbachol and glucose. *FEBS Letters*, **1989**, 245, 80-4	3.8	53
131	Role of the D-loops in allosteric control of ATP hydrolysis in an ABC transporter. *Journal of Physical Chemistry A*, **2012**, 116, 3004-13	2.8	52
130	Cannabinoid receptors are coupled to stimulation of insulin secretion from mouse MIN6 beta-cells. *Cellular Physiology and Biochemistry*, **2010**, 26, 187-96	3.9	52
129	E-cadherin interactions regulate beta-cell proliferation in islet-like structures. *Cellular Physiology and Biochemistry*, **2007**, 20, 617-26	3.9	51
128	Polysaccharide multilayer nanoencapsulation of insulin-producing beta-cells grown as pseudoislets for potential cellular delivery of insulin. *Biomacromolecules*, **2010**, 11, 610-6	6.9	49

127	Multidrug efflux pumps: the structures of prokaryotic ATP-binding cassette transporter efflux pumps and implications for our understanding of eukaryotic P-glycoproteins and homologues. *FEBS Journal*, **2010**, 277, 550-63	5.7	48
126	Generating pancreatic beta-cells from embryonic stem cells by manipulating signaling pathways. *Journal of Endocrinology*, **2010**, 206, 13-26	4.7	47
125	Autocrine anti-apoptotic and proliferative effects of insulin in pancreatic beta-cells. *FEBS Letters*, **2006**, 580, 6977-80	3.8	47
124	Mesenchymal stromal cells improve human islet function through released products and extracellular matrix. *Clinical Science*, **2017**, 131, 2835-2845	6.5	46
123	Cell-to-cell contact influences proliferative marker expression and apoptosis in MIN6 cells grown in islet-like structures. *American Journal of Physiology - Endocrinology and Metabolism*, **2005**, 288, E502-9	6	46
122	Anti-apoptotic effects of arachidonic acid and prostaglandin E2 in pancreatic beta-cells. *Cellular Physiology and Biochemistry*, **2007**, 20, 607-16	3.9	44
121	Molecular-dynamics simulations of the ATP/apo state of a multidrug ATP-binding cassette transporter provide a structural and mechanistic basis for the asymmetric occluded state. *Biophysical Journal*, **2011**, 100, 3025-34	2.9	43
120	Stem cell therapy for diabetes: do we need to make beta cells?. *Journal of Endocrinology*, **2004**, 183, 437-43	4.7	43
119	The novel chemokine receptor, G-protein-coupled receptor 75, is expressed by islets and is coupled to stimulation of insulin secretion and improved glucose homeostasis. *Diabetologia*, **2013**, 56, 2467-76	10.3	42
118	Characterisation of the insulinotropic activity of an aqueous extract of Gymnema sylvestre in mouse beta-cells and human islets of Langerhans. *Cellular Physiology and Biochemistry*, **2009**, 23, 125-32	3.9	42
117	The CaMK4/CREB/IRS-2 cascade stimulates proliferation and inhibits apoptosis of □cells. *PLoS ONE* , **2012**, 7, e45711	3.7	40
116	Insulin-producing surrogate □cells from embryonic stem cells: are we there yet?. *Molecular Therapy* , **2011**, 19, 1759-68	11.7	40
115	A key role for beta-cell cytosolic phospholipase A(2) in the maintenance of insulin stores but not in the initiation of insulin secretion. *Diabetes*, **2002**, 51, 98-104	0.9	40
114	Role of adenine nucleotides in insulin secretion from MIN6 pseudoislets. *Molecular and Cellular Endocrinology*, **2002**, 191, 167-76	4.4	40
113	Cytoprotective effect of Coreopsis tinctoria extracts and flavonoids on tBHP and cytokine-induced cell injury in pancreatic MIN6 cells. *Journal of Ethnopharmacology*, **2012**, 139, 485-92	5	39
112	Time-course of Ca2+-induced insulin secretion from perifused, electrically permeabilised islets of Langerhans: effects of cAMP and a phorbol ester. *Biochemical and Biophysical Research Communications*, **1989**, 162, 998-1003	3.4	39
111	GPR55-dependent stimulation of insulin secretion from isolated mouse and human islets of Langerhans. *Diabetes, Obesity and Metabolism*, **2016**, 18, 1263-1273	6.7	38
110	Homotypic cell contact enhances insulin but not glucagon secretion. *Biochemical and Biophysical Research Communications*, **2006**, 344, 995-1000	3.4	37

109	Differential expression of insulin genes 1 and 2 in MIN6 cells and pseudoislets. *Biochemical and Biophysical Research Communications*, **2002**, 296, 589-95	3.4	37
108	Cyclic AMP-induced expression of steroidogenic acute regulatory protein is dependent upon phosphoprotein phosphatase activities. *Journal of Molecular Endocrinology*, **2000**, 24, 233-9	4.5	34
107	Transitional-2 B cells acquire regulatory function during tolerance induction and contribute to allograft survival. *European Journal of Immunology*, **2015**, 45, 843-53	6.1	33
106	GPR55: from orphan to metabolic regulator?. *Pharmacology & Therapeutics*, **2015**, 145, 35-42	13.9	32
105	Preculturing Islets With Adipose-Derived Mesenchymal Stromal Cells Is an Effective Strategy for Improving Transplantation Efficiency at the Clinically Preferred Intraportal Site. *Cell Medicine*, **2014**, 7, 37-47	4.9	32
104	Cell-based treatments for diabetes. *Drug Discovery Today*, **2008**, 13, 888-93	8.8	31
103	A reciprocating twin-channel model for ABC transporters. *Quarterly Reviews of Biophysics*, **2014**, 47, 189-220	7	29
102	GPR54 peptide agonists stimulate insulin secretion from murine, porcine and human islets. *Islets*, **2012**, 4, 20-3	2	28
101	The adhesion receptor GPR56 is activated by extracellular matrix collagen III to improve β-cell function. *Cellular and Molecular Life Sciences*, **2018**, 75, 4007-4019	10.3	27
100	The mitogen-activated protein kinase pathway in rat islets of Langerhans: studies on the regulation of insulin secretion. *Biochemical Journal*, **1996**, 313 (Pt 1), 119-24	3.8	26
99	In vivo studies on non-viral transdifferentiation of liver cells towards pancreatic β-cells. *Journal of Endocrinology*, **2012**, 214, 277-88	4.7	25
98	Neonatal and late-onset diabetes mellitus caused by failure of pancreatic development: report of 4 more cases and a review of the literature. *Pediatrics*, **2008**, 121, e1541-7	7.4	25
97	A role for the extracellular calcium-sensing receptor in cell-cell communication in pancreatic islets of langerhans. *Cellular Physiology and Biochemistry*, **2008**, 22, 557-66	3.9	25
96	Islet alpha-cells do not influence insulin secretion from beta-cells through cell-cell contact. *Endocrine*, **2007**, 31, 61-5		25
95	Activation of protein kinase C is essential for sustained insulin secretion in response to cholinergic stimulation. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1991**, 1091, 120-2	4.9	25
94	Cholesterol sensing by the ABCG1 lipid transporter: Requirement of a CRAC motif in the final transmembrane domain. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2015**, 1851, 956-64	5	24
93	Recovery of oral glucose tolerance by Wistar rats after treatment with Coreopsis tinctoria infusion. *Phytotherapy Research*, **2010**, 24, 699-705	6.7	23
92	Preoperative staging accuracy of multidetector computed tomography in pancreatic head adenocarcinoma. *Pancreas*, **2007**, 34, 180-4	2.6	22

91	Symmetry and structure in P-glycoprotein and ABC transporters what goes around comes around. *FEBS Journal*, **2000**, 267, 5298-305		22
90	Using Mesenchymal Stromal Cells in Islet Transplantation. *Stem Cells Translational Medicine*, **2018**, 7, 559-563	6.9	21
89	An asymmetric post-hydrolysis state of the ABC transporter ATPase dimer. *PLoS ONE*, **2013**, 8, e59854	3.7	21
88	Maintenance of islet morphology is beneficial for transplantation outcome in diabetic mice. *PLoS ONE*, **2013**, 8, e57844	3.7	20
87	Generation of insulin-expressing cells from mouse embryonic stem cells. *Biochemical and Biophysical Research Communications*, **2005**, 328, 399-403	3.4	20
86	Costus pictus extracts stimulate insulin secretion from mouse and human islets of Langerhans in vitro. *Cellular Physiology and Biochemistry*, **2010**, 26, 1051-8	3.9	19
85	Insulin signalling in islets. *Biochemical Society Transactions*, **2008**, 36, 290-3	5.1	19
84	Expression and function of the extracellular calcium-sensing receptor in pancreatic beta-cells. *Archives of Physiology and Biochemistry*, **2007**, 113, 98-103	2.2	19
83	The mechanism of arachidonic acid-induced insulin secretion from rat islets of Langerhans. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1993**, 1176, 64-8	4.9	19
82	Isolation and characterization of human islet stellate cells. *Experimental Cell Research*, **2016**, 341, 61-66	4.2	18
81	Expression and function of monoacylglycerol lipase in mouse cells and human islets of Langerhans. *Cellular Physiology and Biochemistry*, **2012**, 30, 347-58	3.9	18
80	Diabetes mellitus: a potential target for stem cell therapy. *Current Stem Cell Research and Therapy*, **2006**, 1, 255-66	3.6	18
79	Optimizing beta cell function through mesenchymal stromal cell-mediated mitochondria transfer. *Stem Cells*, **2020**, 38, 574-584	5.8	18
78	Chronic activation of cannabinoid receptors in vitro does not compromise mouse islet function. *Clinical Science*, **2013**, 124, 467-78	6.5	17
77	Effect of 17beta-estradiol on insulin secretion and cytosolic calcium in Min6 mouse insulinoma cells and human islets of Langerhans. *Pancreas*, **2005**, 30, 307-13	2.6	17
76	APT070 (mirococept), a membrane-localizing C3 convertase inhibitor, attenuates early human islet allograft damage in vitro and in vivo in a humanized mouse model. *British Journal of Pharmacology*, **2016**, 173, 575-87	8.6	17
75	A role for islet somatostatin in mediating sympathetic regulation of glucagon secretion. *Islets*, **2010**, 2, 341-4	2	16
74	The in vitro differentiation of rat neural stem cells into an insulin-expressing phenotype. *Biochemical and Biophysical Research Communications*, **2005**, 326, 570-7	3.4	16

73	A Wake-up Call for Type 2 Diabetes?. *New England Journal of Medicine*, **2016**, 375, 1090-2	59.2	15
72	Nupr1 deletion protects against glucose intolerance by increasing beta cell mass. *Diabetologia*, **2013**, 56, 2477-86	10.3	15
71	Novel role for matricellular proteins in the regulation of islet β-cell survival: the effect of SPARC on survival, proliferation, and signaling. *Journal of Biological Chemistry*, **2014**, 289, 30614-30624	5.4	15
70	Expression and function of cyclooxygenase and lipoxygenase enzymes in human islets of Langerhans. *Archives of Physiology and Biochemistry*, **2007**, 113, 104-9	2.2	15
69	Uncoupling of nutrient metabolism from insulin secretion by overexpression of cytosolic phospholipase A(2). *Diabetes*, **2005**, 54, 116-24	0.9	15
68	Mesenchymal stromal cell secretory factors induce sustained improvements in islet function pre- and post-transplantation. *Cytotherapy*, **2018**, 20, 1427-1436	4.8	15
67	Characterization of the Effects of Mesenchymal Stromal Cells on Mouse and Human Islet Function. *Stem Cells Translational Medicine*, **2019**, 8, 935-944	6.9	14
66	Distinct patterns of heparan sulphate in pancreatic islets suggest novel roles in paracrine islet regulation. *Molecular and Cellular Endocrinology*, **2015**, 399, 296-310	4.4	14
65	Immunoisolation of islets in high guluronic acid barium-alginate microcapsules does not improve graft outcome at the subcutaneous site. *Artificial Organs*, **2012**, 36, 564-70	2.6	14
64	The role of cytosolic phospholipase A(2) in insulin secretion. *Diabetes*, **2004**, 53 Suppl 1, S172-8	0.9	14
63	A role for placental kisspeptin in β-cell adaptation to pregnancy. *JCI Insight*, **2019**, 4,	9.9	13
62	Regenerating islet-derived protein 1 inhibits the activation of islet stellate cells isolated from diabetic mice. *Oncotarget*, **2015**, 6, 37054-65	3.3	13
61	The calcium-sensing receptor and β-cell function. *Vitamins and Hormones*, **2014**, 95, 249-67	2.5	12
60	Vitamin A deficiency causes islet dysfunction by inducing islet stellate cell activation via cellular retinol binding protein 1. *International Journal of Biological Sciences*, **2020**, 16, 947-956	11.2	11
59	The Association Between Selective Serotonin Reuptake Inhibitors and Glycemia: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Psychosomatic Medicine*, **2019**, 81, 570-583	3.7	11
58	Assembly of bioactive multilayered nanocoatings on pancreatic islet cells: incorporation of α1-antitrypsin into the coatings. *Chemical Communications*, **2015**, 51, 10652-5	5.8	10
57	Inhibitory effect of somatostatin on insulin secretion is not mediated via the CNS. *Journal of Endocrinology*, **2015**, 225, 19-26	4.7	10
56	Potential of mesenchymal stromal cells for improving islet transplantation outcomes. *Current Opinion in Pharmacology*, **2018**, 43, 34-39	5.1	9

55	Obeticholic acid ameliorates dyslipidemia but not glucose tolerance in mouse model of gestational diabetes. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 317, E399-E410	6	9
54	Down-regulation of proliferation does not affect the secretory function of transformed Ecell lines regardless of their anatomical configuration. *Islets*, **2011**, 3, 80-8	2	9
53	Phosphoprotein phosphatases regulate steroidogenesis by influencing StAR gene transcription. *Biochemical and Biophysical Research Communications*, **2000**, 273, 35-9	3.4	9
52	The Placental Secretome: Identifying Potential Cross-Talk Between Placenta and Islet ECells. *Cellular Physiology and Biochemistry*, **2018**, 45, 1165-1171	3.9	8
51	Computational analysis of the MCoTI-II plant defence knottin reveals a novel intermediate conformation that facilitates trypsin binding. *Scientific Reports*, **2016**, 6, 23174	4.9	8
50	Prolonged activation of human islet cannabinoid receptors in vitro induces adaptation but not dysfunction. *BBA Clinical*, **2016**, 5, 143-50		8
49	Importance of quantitative analysis in the generation of insulin-expressing cells from human embryonic stem cells. *Pancreas*, **2010**, 39, 105-7	2.6	8
48	Similarities of K+ATP channel expression and Ca2+ changes in pancreatic beta cells and hypothalamic neurons. *Pancreas*, **2005**, 30, 227-32	2.6	8
47	A Novel Role for Somatostatin in the Survival of Mouse Pancreatic Beta Cells. *Cellular Physiology and Biochemistry*, **2019**, 52, 486-502	3.9	8
46	Endocrine Pancreas Development and Regeneration: Noncanonical Ideas From Neural Stem Cell Biology. *Diabetes*, **2016**, 65, 314-30	0.9	7
45	Depolarizing stimuli reduce Ca(2+)/calmodulin-dependent protein kinase II activity in islets of Langerhans. *Biochemical and Biophysical Research Communications*, **2000**, 270, 1119-23	3.4	7
44	Characterisation of an intermediate in neurophysin biosynthesis in the guinea pig. *FEBS Letters*, **1983**, 163, 324-8	3.8	7
43	The KINGS Mouse: A Novel Model of ECell Endoplasmic Reticulum Stress and Human Diabetes. *Diabetes*, **2020**, 69, 2667-2677	0.9	7
42	Protecting islet functional viability using mesenchymal stromal cells. *Stem Cells Translational Medicine*, **2021**, 10, 674-680	6.9	7
41	Wingless-Type MMTV Integration Site Family Member 5a Is a Key Secreted Islet Stellate Cell-Derived Product that Regulates Islet Function. *International Journal of Endocrinology*, **2019**, 2019, 7870109	2.7	6
40	Activin receptor-like kinase 5 inhibition reverses impairment of endothelial cell viability by endogenous islet mesenchymal stromal cells. *Stem Cells*, **2013**, 31, 547-59	5.8	6
39	Role of conserved active site residues in catalysis by phospholipase B1 from Cryptococcus neoformans. *Biochemistry*, **2007**, 46, 10024-32	3.2	6
38	Ductal Ngn3-expressing progenitors contribute to adult Ecell neogenesis in the pancreas. *Cell Stem Cell*, **2021**, 28, 2000-2008.e4	18	6

37	How Intrinsic Dynamics Mediates the Allosteric Mechanism in the ABC Transporter Nucleotide Binding Domain Dimer. *Journal of Chemical Theory and Computation*, **2017**, 13, 1712-1722	6.4	5
36	Imatinib prevents beta cell death in vitro but does not improve islet transplantation outcome. *Upsala Journal of Medical Sciences*, **2016**, 121, 140-5	2.8	5
35	Real Science, Biological Bodies and Stem Cells: Constructing Images of Cells in the Biomedical Science Lab. *Social Theory and Health*, **2006**, 4, 275-298	1.7	5
34	Subunit interactions in ABC transporters: towards a functional architecture		5
33	Maternal glucose homeostasis is impaired in mouse models of gestational cholestasis. *Scientific Reports*, **2020**, 10, 11523	4.9	5
32	Modulation of endoglin expression in islets of langerhans by VEGF reveals a novel regulator of islet endothelial cell function. *BMC Research Notes*, **2016**, 9, 362	2.3	5
31	Insulin-Secreting Cell Lines **2014**, 239-256		4
30	Endoglin (CD105) is not a specific selection marker for endothelial cells in human islets of Langerhans. *Diabetologia*, **2013**, 56, 222-4	10.3	4
29	Computational analysis of the soluble form of the intracellular chloride ion channel protein CLIC1. *BioMed Research International*, **2013**, 2013, 170586	3	4
28	Stem cells and the endocrine pancreas. *British Medical Bulletin*, **2011**, 100, 123-35	5.4	4
27	Beta-cell replacement technologies: the potential of stem cells. *Drug Discovery Today: Therapeutic Strategies*, **2004**, 1, 213-217		4
26	UCN2: a new candidate influencing pancreatic cell adaptations in pregnancy. *Journal of Endocrinology*, **2020**, 245, 247-257	4.7	4
25	Beta-cell-based Therapies for Type 2 Diabetes. *European Endocrinology*, **2008**, 4, 36	3.4	4
24	A novel Gymnema sylvestre extract protects pancreatic beta-cells from cytokine-induced apoptosis. *Phytotherapy Research*, **2020**, 34, 161-172	6.7	4
23	Composite Mesenchymal Stromal Cell Islets: Implications for Transplantation via the Clinically Preferred Intraportal Route. *Transplantation Direct*, **2018**, 4, e354	2.3	4
22	Determining the insulin secretion potential for certain specific G-protein coupled receptors in MIN6 pancreatic beta cells. *Turkish Journal of Medical Sciences*, **2019**, 49, 403-411	2.7	3
21	Islet Stellate Cells Regulate Insulin Secretion via Wnt5a in Min6 Cells. *International Journal of Endocrinology*, **2020**, 2020, 4708132	2.7	3
20	Wingless-type MMTV integration site family member 5a: a novel biomarker regulated in type 2 diabetes mellitus and diabetic kidney disease. *Journal of Diabetes and Metabolic Disorders*, **2019**, 18, 525-532	2.5	3

19	Functional analysis of human islets of Langerhans maintained in culture. *Methods in Molecular Biology*, **2012**, 806, 55-71	1.4	2
18	Type II ABC permeases: are they really so different?. *Structure*, **2011**, 19, 1540-2	5.2	2
17	The Nucleotide-Free State of the Multidrug Resistance ABC Transporter LmrA: Sulfhydryl Cross-Linking Supports a Constant Contact, Head-to-Tail Configuration of the Nucleotide-Binding Domains. *PLoS ONE*, **2015**, 10, e0131505	3.7	2
16	Single-cell RT-PCR identification of genes expressed by human islet endocrine cells. *Methods in Molecular Biology*, **2009**, 560, 73-86	1.4	2
15	Is the emperor wearing shorts? The published structures of ABC transporters. *FEBS Letters*, **2020**, 594, 3790-3798	3.8	2
14	Pancreatic Fat is not significantly correlated with β-cell Dysfunction in Patients with new-onset Type 2 Diabetes Mellitus using quantitative Computed Tomography. *International Journal of Medical Sciences*, **2020**, 17, 1673-1682	3.7	2
13	Islet Function and Insulin Secretion **2016**, 87-102		2
12	Wingless-type MMTV integration site family member 5a is a key inhibitor of islet stellate cells activation. *Journal of Diabetes Investigation*, **2020**, 11, 307-314	3.9	2
11	Islet Function and Insulin Secretion85-103		2
10	In Silico Investigation of the Binding of MCoTI-II Plant Defense Knottin to the βNGF Serine Protease of the 7S Nerve Growth Factor Complex and Biological Activity of Its NGF Mimetic Properties. *Journal of Physical Chemistry B*, **2019**, 123, 9104-9110	3.4	1
9	Gö6976: an inhibitor of Ca2+/DAG-dependent protein kinase C isoforms in islets of Langerhans. *Biochemical Society Transactions*, **1997**, 25, 118S	5.1	1
8	Modulation of Rab7a-mediated growth factor receptor trafficking inhibits islet beta cell apoptosis and autophagy under conditions of metabolic stress. *Scientific Reports*, **2020**, 10, 15741	4.9	1
7	Commiphora myrrha stimulates insulin secretion from mouse and human islets of Langerhans. *Journal of Ethnopharmacology*, **2021**, 264, 113075	5	1
6	SNAP-tag-enabled super-resolution imaging reveals constitutive and agonist-dependent trafficking of GPR56 in pancreatic β-cells. *Molecular Metabolism*, **2021**, 53, 101285	8.8	1
5	Beta cell replacement therapy for type 1 diabetes: closer and closer.. *Diabetic Medicine*, **2022**, e14834	3.5	1
4	In vitro evaluation of the interaction of the cannabis constituents cannabichromene and cannabichromenic acid with ABCG2 and ABCB1 transporters.. *European Journal of Pharmacology*, **2022**, 922, 174836	5.3	0
3	Would R.D. Lawrence have been interested in the regulation of insulin secretion from pancreatic beta-cells?. *Diabetic Medicine*, **1998**, 15, 644-50	3.5	
2	THE ROLE OF ERK2/1 IN STEROID PRODUCTION AND StAR PROTEIN EXPRESSION BY Y1 CELLS: STUDIES USING StAR OVER-EXPRESSING TRANSFECTS. *Endocrine Research*, **2002**, 28, 349-350	1.9	

1	Creating a 3D matricellular environment to promote islet expansion for diabetes therapy □the role of SPARC family proteins. *FASEB Journal*, **2015**, 29, 719.16	0.9