

# Shanta Jean Persaud

## List of Publications by Citations

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133  
papers

4,269  
citations

40  
h-index

60  
g-index

143  
ext. papers

4,777  
ext. citations

5.7  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
133	Somatostatin secreted by islet delta-cells fulfills multiple roles as a paracrine regulator of islet function. <i>Diabetes</i> , <b>2009</b> , 58, 403-11	0.9	208
132	Protein kinases, protein phosphorylation, and the regulation of insulin secretion from pancreatic beta-cells. <i>Endocrine Reviews</i> , <b>1998</b> , 19, 429-61	27.2	157
131	Cardiac oxidative stress in diabetes: Mechanisms and therapeutic potential. <i>Pharmacology &amp; Therapeutics</i> , <b>2017</b> , 172, 50-62	13.9	148
130	Metabolic phenotyping guidelines: assessing glucose homeostasis in rodent models. <i>Journal of Endocrinology</i> , <b>2014</b> , 222, G13-25	4.7	146
129	An atlas and functional analysis of G-protein coupled receptors in human islets of Langerhans. <i>Pharmacology &amp; Therapeutics</i> , <b>2013</b> , 139, 359-91	13.9	139
128	Function and expression of melatonin receptors on human pancreatic islets. <i>Journal of Pineal Research</i> , <b>2008</b> , 44, 273-9	10.4	132
127	ERKs regulate cyclic AMP-induced steroid synthesis through transcription of the steroidogenic acute regulatory (StAR) gene. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 34888-95	5.4	124
126	The diet-derived short chain fatty acid propionate improves beta-cell function in humans and stimulates insulin secretion from human islets in vitro. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 257-265	6.7	110
125	Glucose-induced regulation of COX-2 expression in human islets of Langerhans. <i>Diabetes</i> , <b>2004</b> , 53 Suppl 1, S190-2	0.9	102
124	Class II phosphoinositide 3-kinase regulates exocytosis of insulin granules in pancreatic beta cells. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 4216-25	5.4	96
123	Deletion of the von Hippel-Lindau gene in pancreatic beta cells impairs glucose homeostasis in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 125-35	15.9	93
122	The development of new density gradient media for purifying human islets and islet-quality assessments. <i>Transplantation</i> , <b>2004</b> , 77, 143-5	1.8	83
121	MIN6 beta-cell-beta-cell interactions influence insulin secretory responses to nutrients and non-nutrients. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 343, 99-104	3.4	81
120	Role of the endocannabinoid system in food intake, energy homeostasis and regulation of the endocrine pancreas. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 129, 307-20	13.9	76
119	The role of arachidonic acid and its metabolites in insulin secretion from human islets of langerhans. <i>Diabetes</i> , <b>2007</b> , 56, 197-203	0.9	70
118	Pseudosubstrate inhibition of cyclic AMP-dependent protein kinase in intact pancreatic islets: effects on cyclic AMP-dependent and glucose-dependent insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 232, 648-51	3.4	68
117	Activation of the extracellular calcium-sensing receptor initiates insulin secretion from human islets of Langerhans: involvement of protein kinases. <i>Journal of Endocrinology</i> , <b>2006</b> , 190, 703-10	4.7	68

116	Identification of insulin signaling elements in human beta-cells: autocrine regulation of insulin gene expression. <i>Diabetes</i> , <b>2006</b> , 55, 2835-42	0.9	68
115	Peptide YY: more than just an appetite regulator. <i>Diabetologia</i> , <b>2014</b> , 57, 1762-9	10.3	63
114	Glucose-stimulated insulin secretion is not dependent on activation of protein kinase A. <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 173, 833-9	3.4	63
113	Insulin receptor activation inhibits insulin secretion from human islets of Langerhans. <i>FEBS Letters</i> , <b>2002</b> , 510, 225-8	3.8	62
112	Expression and function of cannabinoid receptors in mouse islets. <i>Islets</i> , <b>2010</b> , 2, 293-302	2	55
111	Annexin A1 Is a Key Modulator of Mesenchymal Stromal Cell-Mediated Improvements in Islet Function. <i>Diabetes</i> , <b>2016</b> , 65, 129-39	0.9	53
110	Selective ablation of peptide YY cells in adult mice reveals their role in beta cell survival. <i>Gastroenterology</i> , <b>2012</b> , 143, 459-68	13.3	53
109	Translocation of protein kinase C in rat islets of Langerhans. Effects of a phorbol ester, carbachol and glucose. <i>FEBS Letters</i> , <b>1989</b> , 245, 80-4	3.8	53
108	Cannabinoid receptors are coupled to stimulation of insulin secretion from mouse MIN6 beta-cells. <i>Cellular Physiology and Biochemistry</i> , <b>2010</b> , 26, 187-96	3.9	52
107	E-cadherin interactions regulate beta-cell proliferation in islet-like structures. <i>Cellular Physiology and Biochemistry</i> , <b>2007</b> , 20, 617-26	3.9	51
106	An atlas of G-protein coupled receptor expression and function in human subcutaneous adipose tissue. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 146, 61-93	13.9	50
105	Atypical isoforms of pKc and insulin secretion from pancreatic beta-cells: evidence using G16976 and Ro 31-8220 as Pkc inhibitors. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 227, 672-684	3.4	50
104	Cannabinoid receptor agonists and antagonists stimulate insulin secretion from isolated human islets of Langerhans. <i>Diabetes, Obesity and Metabolism</i> , <b>2011</b> , 13, 903-10	6.7	47
103	Autocrine anti-apoptotic and proliferative effects of insulin in pancreatic beta-cells. <i>FEBS Letters</i> , <b>2006</b> , 580, 6977-80	3.8	47
102	Cell-to-cell contact influences proliferative marker expression and apoptosis in MIN6 cells grown in islet-like structures. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 288, E502-9	6	46
101	A comparative analysis of human and mouse islet G-protein coupled receptor expression. <i>Scientific Reports</i> , <b>2017</b> , 7, 46600	4.9	45
100	Anti-apoptotic effects of arachidonic acid and prostaglandin E2 in pancreatic beta-cells. <i>Cellular Physiology and Biochemistry</i> , <b>2007</b> , 20, 607-16	3.9	44
99	Stem cell therapy for diabetes: do we need to make beta cells?. <i>Journal of Endocrinology</i> , <b>2004</b> , 183, 437-43	4.7	43

98	Short chain fatty acids stimulate insulin secretion and reduce apoptosis in mouse and human islets in vitro: Role of free fatty acid receptor 2. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 330-339	6.7	43
97	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. <i>Diabetologia</i> , <b>2013</b> , 56, 2467-76	10.3	42
96	Characterisation of the insulinotropic activity of an aqueous extract of <i>Gymnema sylvestre</i> in mouse beta-cells and human islets of Langerhans. <i>Cellular Physiology and Biochemistry</i> , <b>2009</b> , 23, 125-32	3.9	42
95	Direct regulation of insulin secretion by angiotensin II in human islets of Langerhans. <i>Diabetologia</i> , <b>2006</b> , 49, 321-31	10.3	41
94	The CaMK4/CREB/IRS-2 cascade stimulates proliferation and inhibits apoptosis of $\beta$ cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e45711	3.7	40
93	A key role for beta-cell cytosolic phospholipase A(2) in the maintenance of insulin stores but not in the initiation of insulin secretion. <i>Diabetes</i> , <b>2002</b> , 51, 98-104	0.9	40
92	Time-course of Ca <sup>2+</sup> -induced insulin secretion from perifused, electrically permeabilised islets of Langerhans: effects of cAMP and a phorbol ester. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 162, 998-1003	3.4	39
91	Catecholamine inhibition of Ca <sup>2+</sup> -induced insulin secretion from electrically permeabilised islets of Langerhans. <i>FEBS Letters</i> , <b>1987</b> , 219, 139-44	3.8	39
90	GPR55-dependent stimulation of insulin secretion from isolated mouse and human islets of Langerhans. <i>Diabetes, Obesity and Metabolism</i> , <b>2016</b> , 18, 1263-1273	6.7	38
89	Homotypic cell contact enhances insulin but not glucagon secretion. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 344, 995-1000	3.4	37
88	Differential expression of insulin genes 1 and 2 in MIN6 cells and pseudoislets. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 296, 589-95	3.4	37
87	GPR55: from orphan to metabolic regulator?. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 145, 35-42	13.9	32
86	Cell-based treatments for diabetes. <i>Drug Discovery Today</i> , <b>2008</b> , 13, 888-93	8.8	31
85	GPR54 peptide agonists stimulate insulin secretion from murine, porcine and human islets. <i>Islets</i> , <b>2012</b> , 4, 20-3	2	28
84	Islet G-protein coupled receptors: therapeutic potential for diabetes. <i>Current Opinion in Pharmacology</i> , <b>2017</b> , 37, 24-28	5.1	27
83	The adhesion receptor GPR56 is activated by extracellular matrix collagen III to improve $\beta$ cell function. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 4007-4019	10.3	27
82	The mitogen-activated protein kinase pathway in rat islets of Langerhans: studies on the regulation of insulin secretion. <i>Biochemical Journal</i> , <b>1996</b> , 313 ( Pt 1), 119-24	3.8	26
81	A role for the extracellular calcium-sensing receptor in cell-cell communication in pancreatic islets of langerhans. <i>Cellular Physiology and Biochemistry</i> , <b>2008</b> , 22, 557-66	3.9	25

80	Islet alpha-cells do not influence insulin secretion from beta-cells through cell-cell contact. <i>Endocrine</i> , <b>2007</b> , 31, 61-5		25
79	Signaling through the p38 and p42/44 mitogen-activated families of protein kinases in pancreatic beta-cell proliferation. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 268, 541-6	3.4	25
78	Activation of protein kinase C is essential for sustained insulin secretion in response to cholinergic stimulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1991</b> , 1091, 120-2	4.9	25
77	Preoperative staging accuracy of multidetector computed tomography in pancreatic head adenocarcinoma. <i>Pancreas</i> , <b>2007</b> , 34, 180-4	2.6	22
76	Anti-diabetic action of all-trans retinoic acid and the orphan G protein coupled receptor GPRC5C in pancreatic $\beta$ cells. <i>Endocrine Journal</i> , <b>2017</b> , 64, 325-338	2.9	20
75	Generation of insulin-expressing cells from mouse embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 328, 399-403	3.4	20
74	Costus pictus extracts stimulate insulin secretion from mouse and human islets of Langerhans in vitro. <i>Cellular Physiology and Biochemistry</i> , <b>2010</b> , 26, 1051-8	3.9	19
73	Insulin signalling in islets. <i>Biochemical Society Transactions</i> , <b>2008</b> , 36, 290-3	5.1	19
72	Expression and function of the extracellular calcium-sensing receptor in pancreatic beta-cells. <i>Archives of Physiology and Biochemistry</i> , <b>2007</b> , 113, 98-103	2.2	19
71	Expression and function of monoacylglycerol lipase in mouse $\beta$ cells and human islets of Langerhans. <i>Cellular Physiology and Biochemistry</i> , <b>2012</b> , 30, 347-58	3.9	18
70	Diabetes mellitus: a potential target for stem cell therapy. <i>Current Stem Cell Research and Therapy</i> , <b>2006</b> , 1, 255-66	3.6	18
69	Tyrosine kinase inhibitors inhibit glucose-stimulated insulin secretion. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 209S	5.1	18
68	Chronic activation of cannabinoid receptors in vitro does not compromise mouse islet function. <i>Clinical Science</i> , <b>2013</b> , 124, 467-78	6.5	17
67	Effect of 17beta-estradiol on insulin secretion and cytosolic calcium in Min6 mouse insulinoma cells and human islets of Langerhans. <i>Pancreas</i> , <b>2005</b> , 30, 307-13	2.6	17
66	APT070 (mirococept), a membrane-localizing C3 convertase inhibitor, attenuates early human islet allograft damage in vitro and in vivo in a humanized mouse model. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 575-87	8.6	17
65	Dynamic Profiling of Insulin Secretion and ATP Generation in Isolated Human and Mouse Islets Reveals Differential Glucose Sensitivity. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 44, 1352-1359	3.9	16
64	The cannabinoid ligand LH-21 reduces anxiety and improves glucose handling in diet-induced obese pre-diabetic mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 3946	4.9	16
63	A role for islet somatostatin in mediating sympathetic regulation of glucagon secretion. <i>Islets</i> , <b>2010</b> , 2, 341-4	2	16

62	The in vitro differentiation of rat neural stem cells into an insulin-expressing phenotype. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 326, 570-7	3.4	16
61	A Wake-up Call for Type 2 Diabetes?. <i>New England Journal of Medicine</i> , <b>2016</b> , 375, 1090-2	59.2	15
60	Nupr1 deletion protects against glucose intolerance by increasing beta cell mass. <i>Diabetologia</i> , <b>2013</b> , 56, 2477-86	10.3	15
59	Expression and function of cyclooxygenase and lipoxygenase enzymes in human islets of Langerhans. <i>Archives of Physiology and Biochemistry</i> , <b>2007</b> , 113, 104-9	2.2	15
58	Uncoupling of nutrient metabolism from insulin secretion by overexpression of cytosolic phospholipase A(2). <i>Diabetes</i> , <b>2005</b> , 54, 116-24	0.9	15
57	Mesenchymal stromal cell secretory factors induce sustained improvements in islet function pre- and post-transplantation. <i>Cytotherapy</i> , <b>2018</b> , 20, 1427-1436	4.8	15
56	The role of cytosolic phospholipase A(2) in insulin secretion. <i>Diabetes</i> , <b>2004</b> , 53 Suppl 1, S172-8	0.9	14
55	Defining G protein-coupled receptor peptide ligand expressomes and signalomes in human and mouse islets. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 3039-3050	10.3	13
54	LH-21 and abnormal cannabidiol improve $\beta$ cell function in isolated human and mouse islets through GPR55-dependent and -independent signalling. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 930-942	6.7	13
53	Islet neuropeptide Y receptors are functionally conserved and novel targets for the preservation of beta-cell mass. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 599-609	6.7	12
52	C3aR and C5aR1 act as key regulators of human and mouse $\beta$ cell function. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 715-726	10.3	12
51	Requirement of NF-kappaB signalling pathway for modulation of the cholinergic muscarinic M3 receptor expression by INGAP-PP in insulin-producing cells. <i>European Journal of Pharmacology</i> , <b>2010</b> , 642, 37-46	5.3	12
50	Pancreatic $\beta$ Cell Lines: Their Roles in $\beta$ Cell Research and Diabetes Therapy. <i>Advances in Molecular and Cell Biology</i> , <b>1999</b> , 29, 21-46		12
49	Adhesion G-protein coupled receptors: Implications for metabolic function. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 198, 123-134	13.9	11
48	Fine tuning of insulin secretion by release of nerve growth factor from mouse and human islet $\beta$ cells. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 436, 23-32	4.4	11
47	Insulin secretion and protein phosphorylation in PKC-depleted islets of Langerhans. <i>Life Sciences</i> , <b>1992</b> , 50, 761-7	6.8	11
46	Activation of protein kinase C is not required for glyceraldehyde-stimulated insulin secretion from rat islets. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1991</b> , 1095, 183-5	4.9	11
45	The Association Between Selective Serotonin Reuptake Inhibitors and Glycemia: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Psychosomatic Medicine</i> , <b>2019</b> , 81, 570-583	3.7	11

44	Assembly of bioactive multilayered nanocoatings on pancreatic islet cells: incorporation of $\beta$ -antitrypsin into the coatings. <i>Chemical Communications</i> , <b>2015</b> , 51, 10652-5	5.8	10
43	The cannabinoid ligands SR141716A and AM251 enhance human and mouse islet function via GPR55-independent signalling. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 4709-4723	10.3	9
42	Down-regulation of proliferation does not affect the secretory function of transformed $\beta$ cell lines regardless of their anatomical configuration. <i>Islets</i> , <b>2011</b> , 3, 80-8	2	9
41	Phosphoprotein phosphatases regulate steroidogenesis by influencing StAR gene transcription. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 273, 35-9	3.4	9
40	Inhibition of glucose-stimulated insulin secretion by Ro 31-8220, a protein kinase C inhibitor. <i>Endocrine</i> , <b>1995</b> , 3, 285-9		9
39	Arachidonic acid induces phosphorylation of an 18 kDa protein in electrically permeabilised rat islets of Langerhans. <i>FEBS Letters</i> , <b>1992</b> , 296, 69-72	3.8	9
38	Identifying Signalling Pathways Regulated by GPRC5B in $\beta$ Cells by CRISPR-Cas9-Mediated Genome Editing. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 45, 656-666	3.9	8
37	The Placental Secretome: Identifying Potential Cross-Talk Between Placenta and Islet $\beta$ Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 45, 1165-1171	3.9	8
36	Prolonged activation of human islet cannabinoid receptors in vitro induces adaptation but not dysfunction. <i>BBA Clinical</i> , <b>2016</b> , 5, 143-50		8
35	Calcium-dependent translocation of cytosolic phospholipase A2 in pancreatic beta-cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 300, 889-93	3.4	8
34	Similarities of K <sup>+</sup> ATP channel expression and Ca <sup>2+</sup> changes in pancreatic beta cells and hypothalamic neurons. <i>Pancreas</i> , <b>2005</b> , 30, 227-32	2.6	8
33	Protein kinase C signalling in pancreatic beta-cells: cellular and molecular approaches. <i>Digestion</i> , <b>1997</b> , 58 Suppl 2, 86-92	3.6	7
32	Depolarizing stimuli reduce Ca(2+)/calmodulin-dependent protein kinase II activity in islets of Langerhans. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 270, 1119-23	3.4	7
31	CXCL14 Inhibits Insulin Secretion Independently of CXCR4 or CXCR7 Receptor Activation or cAMP Inhibition. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 879-892	3.9	7
30	Identifying novel therapeutic targets for diabetes through improved understanding of islet adhesion receptors. <i>Current Opinion in Pharmacology</i> , <b>2018</b> , 43, 27-33	5.1	6
29	Imatinib prevents beta cell death in vitro but does not improve islet transplantation outcome. <i>Upsala Journal of Medical Sciences</i> , <b>2016</b> , 121, 140-5	2.8	5
28	Protein kinase C and the regulation of insulin secretion. <i>Biochemical Society Transactions</i> , <b>1990</b> , 18, 114-6	5.1	5
27	The role of the CCL25-CCR9 axis in beta-cell function: potential for therapeutic intervention in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 113, 154394	12.7	5

26	Insulin-Secreting Cell Lines <b>2014</b> , 239-256		4
25	Stem cells and the endocrine pancreas. <i>British Medical Bulletin</i> , <b>2011</b> , 100, 123-35	5.4	4
24	Beta-cell replacement technologies: the potential of stem cells. <i>Drug Discovery Today: Therapeutic Strategies</i> , <b>2004</b> , 1, 213-217		4
23	Ca(2+)-induced loss of Ca2+/calmodulin-dependent protein kinase II activity in pancreatic beta-cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1998</b> , 274, E708-15	6	4
22	Beta-cell-based Therapies for Type 2 Diabetes. <i>European Endocrinology</i> , <b>2008</b> , 4, 36	3.4	4
21	A novel <i>Gymnema sylvestre</i> extract protects pancreatic beta-cells from cytokine-induced apoptosis. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 161-172	6.7	4
20	Obesity-induced changes in human islet G protein-coupled receptor expression: Implications for metabolic regulation. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 228, 107928	13.9	4
19	Assessing Mouse Islet Function. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2128, 241-268	1.4	4
18	Functional analysis of human islets of Langerhans maintained in culture. <i>Methods in Molecular Biology</i> , <b>2012</b> , 806, 55-71	1.4	2
17	The inhibition of stimulus-secretion coupling in pancreatic islets by volatile anaesthetics does not involve pertussis toxin sensitive G-proteins. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 133S	5.1	2
16	Inhibition of insulin release by staurosporine and Ro 31-8220: a role for protein kinase C?. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 208S	5.1	2
15	Single-cell RT-PCR identification of genes expressed by human islet endocrine cells. <i>Methods in Molecular Biology</i> , <b>2009</b> , 560, 73-86	1.4	2
14	Drug reformulation for a neglected disease. The NANOHAT project to develop a safer more effective sleeping sickness drug. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009276	4.8	2
13	Islet Function and Insulin Secretion <b>2016</b> , 87-102		2
12	Islet Function and Insulin Secretion 85-103		2
11	GF6976: an inhibitor of Ca2+/DAG-dependent protein kinase C isoforms in islets of Langerhans. <i>Biochemical Society Transactions</i> , <b>1997</b> , 25, 118S	5.1	1
10	Phosphoprotein phosphatase activities in rat luteal cells. <i>Biochemical Society Transactions</i> , <b>1995</b> , 23, 20S	5.1	1
9	GPCR targets in type 2 diabetes <b>2020</b> , 367-391		1



8	Commiphora myrrha stimulates insulin secretion from mouse and human islets of Langerhans. <i>Journal of Ethnopharmacology</i> , <b>2021</b> , 264, 113075	5	1
7	SNAP-tag-enabled super-resolution imaging reveals constitutive and agonist-dependent trafficking of GPR56 in pancreatic $\beta$ cells. <i>Molecular Metabolism</i> , <b>2021</b> , 53, 101285	8.8	1
6	Beta cell replacement therapy for type 1 diabetes: closer and closer.. <i>Diabetic Medicine</i> , <b>2022</b> , e14834	3.5	1
5	Signal Transduction. <i>Advances in Molecular and Cell Biology</i> , <b>1999</b> , 303-334		
4	Pertussis toxin reverses noradrenaline inhibition of insulin release from electrically permeabilized islets. <i>Biochemical Society Transactions</i> , <b>1989</b> , 17, 118-118	5.1	
3	Can we make a better beta cell?. <i>Diabetologia</i> , <b>2016</b> , 59, 1832-3	10.3	
2	Targeting Islet GPCRs to Improve Insulin Secretion <b>2021</b> ,		
1	In vitro profiling and functional assessments of the anti-diabetic capacity of phenolic-rich extracts of <i>Bulbine natalensis</i> and <i>Bulbine frutescens</i> .. <i>Diabetic Medicine</i> , <b>2021</b> , e14770	3.5	