

# Noel G Morgan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

209 papers	7,999 citations	49 h-index	80 g-index
213 ext. papers	9,024 ext. citations	6 avg, IF	5.88 L-index

#	Paper	IF	Citations
209	Analysis of islet inflammation in human type 1 diabetes. <i>Clinical and Experimental Immunology</i> , <b>2009</b> , 155, 173-81	6.2	468
208	Activating germline mutations in STAT3 cause early-onset multi-organ autoimmune disease. <i>Nature Genetics</i> , <b>2014</b> , 46, 812-814	36.3	328
207	The prevalence of enteroviral capsid protein vp1 immunostaining in pancreatic islets in human type 1 diabetes. <i>Diabetologia</i> , <b>2009</b> , 52, 1143-51	10.3	303
206	Seeing through a glass darkly: casting light on imidazoline sites. <i>Trends in Pharmacological Sciences</i> , <b>1998</b> , 19, 381-90	13.2	232
205	Detection of a low-grade enteroviral infection in the islets of langerhans of living patients newly diagnosed with type 1 diabetes. <i>Diabetes</i> , <b>2015</b> , 64, 1682-7	0.9	196
204	Differential Insulinitic Profiles Determine the Extent of $\beta$ Cell Destruction and the Age at Onset of Type 1 Diabetes. <i>Diabetes</i> , <b>2016</b> , 65, 1362-9	0.9	162
203	Islet-associated macrophages in type 2 diabetes. <i>Diabetologia</i> , <b>2009</b> , 52, 1686-8	10.3	161
202	Expression of endoplasmic reticulum stress markers in the islets of patients with type 1 diabetes. <i>Diabetologia</i> , <b>2012</b> , 55, 2417-20	10.3	159
201	Recessive mutations in the INS gene result in neonatal diabetes through reduced insulin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 3105-10	11.5	149
200	Islet cell hyperexpression of HLA class I antigens: a defining feature in type 1 diabetes. <i>Diabetologia</i> , <b>2016</b> , 59, 2448-2458	10.3	145
199	Blood and islet phenotypes indicate immunological heterogeneity in type 1 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 3835-45	0.9	144
198	Human islets of Langerhans express Fas ligand and undergo apoptosis in response to interleukin-1 $\beta$ and Fas ligation. <i>Diabetes</i> , <b>1998</b> , 47, 727-32	0.9	132
197	The diagnosis of insulinitis in human type 1 diabetes. <i>Diabetologia</i> , <b>2013</b> , 56, 2541-3	10.3	130
196	Life and death decisions of the pancreatic beta-cell: the role of fatty acids. <i>Clinical Science</i> , <b>2007</b> , 112, 27-42	6.5	119
195	Age-related changes in the control of hepatic cyclic AMP levels by alpha 1- and beta 2-adrenergic receptors in male rats. <i>Journal of Biological Chemistry</i> , <b>1983</b> , 258, 5103-9	5.4	111
194	Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. <i>Diabetes Care</i> , <b>2020</b> , 43, 5-12	14.6	111
193	Isomers of the TCF1 gene encoding hepatocyte nuclear factor-1 alpha show differential expression in the pancreas and define the relationship between mutation position and clinical phenotype in monogenic diabetes. <i>Human Molecular Genetics</i> , <b>2006</b> , 15, 2216-24	5.6	100

192	Expression of the enteroviral capsid protein VP1 in the islet cells of patients with type 1 diabetes is associated with induction of protein kinase R and downregulation of Mcl-1. <i>Diabetologia</i> , <b>2013</b> , 56, 185-93	10.3	99
191	GPR120 (FFAR4) is preferentially expressed in pancreatic delta cells and regulates somatostatin secretion from murine islets of Langerhans. <i>Diabetologia</i> , <b>2014</b> , 57, 1182-91	10.3	98
190	Differential regulation of the endoplasmic reticulum stress response in pancreatic beta-cells exposed to long-chain saturated and monounsaturated fatty acids. <i>Journal of Endocrinology</i> , <b>2008</b> , 197, 553-63	4.7	95
189	The imidazoline site involved in control of insulin secretion: characteristics that distinguish it from I1- and I2-sites. <i>British Journal of Pharmacology</i> , <b>1994</b> , 112, 1065-70	8.6	88
188	PDL1 is expressed in the islets of people with type 1 diabetes and is up-regulated by interferons- $\alpha$ and - $\gamma$ via IRF1 induction. <i>EBioMedicine</i> , <b>2018</b> , 36, 367-375	8.8	86
187	Sirtuin 3 regulates mouse pancreatic beta cell function and is suppressed in pancreatic islets isolated from human type 2 diabetic patients. <i>Diabetologia</i> , <b>2013</b> , 56, 1068-77	10.3	85
186	The alpha 2-adrenoceptor antagonist efaroxan modulates K <sup>+</sup> ATP channels in insulin-secreting cells. <i>European Journal of Pharmacology</i> , <b>1991</b> , 204, 41-8	5.3	84
185	Evidence for the involvement of cGMP and protein kinase G in nitric oxide-induced apoptosis in the pancreatic B-cell line, HIT-T15. <i>FEBS Letters</i> , <b>1997</b> , 400, 285-8	3.8	83
184	Mono-unsaturated fatty acids protect against beta-cell apoptosis induced by saturated fatty acids, serum withdrawal or cytokine exposure. <i>FEBS Letters</i> , <b>2004</b> , 560, 103-8	3.8	77
183	Stimulation of insulin secretion by efaroxan may involve interaction with potassium channels. <i>European Journal of Pharmacology</i> , <b>1990</b> , 176, 97-101	5.3	76
182	Evidence of increased islet cell proliferation in patients with recent-onset type 1 diabetes. <i>Diabetologia</i> , <b>2010</b> , 53, 2020-8	10.3	72
181	Histone deacetylases 1 and 3 but not 2 mediate cytokine-induced beta cell apoptosis in INS-1 cells and dispersed primary islets from rats and are differentially regulated in the islets of type 1 diabetic children. <i>Diabetologia</i> , <b>2012</b> , 55, 2421-31	10.3	68
180	An Activating STAT3 Mutation Causes Neonatal Diabetes through Premature Induction of Pancreatic Differentiation. <i>Cell Reports</i> , <b>2017</b> , 19, 281-294	10.6	67
179	Studies on the mechanism of inhibition of glucose-stimulated insulin secretion by noradrenaline in rat islets of Langerhans. <i>Biochemical Journal</i> , <b>1985</b> , 226, 571-6	3.8	67
178	Immunopathology of the human pancreas in type-I diabetes. <i>Seminars in Immunopathology</i> , <b>2011</b> , 33, 9-21	12	66
177	G-protein coupled receptors mediating long chain fatty acid signalling in the pancreatic beta-cell. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 1419-27	6	66
176	Effect of glucose on polyphosphoinositide metabolism in isolated rat islets of Langerhans. <i>Biochemical Journal</i> , <b>1985</b> , 227, 483-9	3.8	66
175	Imidazolines and pancreatic hormone secretion. <i>Annals of the New York Academy of Sciences</i> , <b>1999</b> , 881, 217-28	6.5	62

174	Imidazoline binding sites in the endocrine pancreas: can they fulfil their potential as targets for the development of new insulin secretagogues?. <i>Current Pharmaceutical Design</i> , <b>2001</b> , 7, 1413-31	3.3	61
173	Studies on the role of inositol trisphosphate in the regulation of insulin secretion from isolated rat islets of Langerhans. <i>Biochemical Journal</i> , <b>1985</b> , 228, 713-8	3.8	61
172	An Isochemogenic Set of Inhibitors To Define the Therapeutic Potential of Histone Deacetylases in ECell Protection. <i>ACS Chemical Biology</i> , <b>2016</b> , 11, 363-74	4.9	58
171	Mechanisms involved in the cytotoxic and cytoprotective actions of saturated versus monounsaturated long-chain fatty acids in pancreatic beta-cells. <i>Journal of Endocrinology</i> , <b>2007</b> , 194, 283-91	4.7	58
170	Antagonism of the stimulatory effects of efaroxan and glibenclamide in rat pancreatic islets by the imidazoline, RX801080. <i>British Journal of Pharmacology</i> , <b>1993</b> , 110, 1017-22	8.6	58
169	Potential of alpha 1-adrenergic responses in rat liver by a cAMP-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1984</b> , 81, 4208-12	11.5	57
168	Modulation of the alpha 1-adrenergic control of hepatocyte calcium redistribution by increases in cyclic AMP. <i>Journal of Biological Chemistry</i> , <b>1983</b> , 258, 5110-6	5.4	57
167	C-Peptide Decline in Type 1 Diabetes Has Two Phases: An Initial Exponential Fall and a Subsequent Stable Phase. <i>Diabetes Care</i> , <b>2018</b> , 41, 1486-1492	14.6	54
166	Pancreatic pathology in type 1 diabetes mellitus. <i>Endocrine Pathology</i> , <b>2014</b> , 25, 80-92	4.2	53
165	HLA Class II Antigen Processing and Presentation Pathway Components Demonstrated by Transcriptome and Protein Analyses of Islet ECells From Donors With Type 1 Diabetes. <i>Diabetes</i> , <b>2019</b> , 68, 988-1001	0.9	52
164	The beneficial effects of n-3 polyunsaturated fatty acids on diet induced obesity and impaired glucose control do not require Gpr120. <i>PLoS ONE</i> , <b>2014</b> , 9, e114942	3.7	51
163	Islet inflammation in human type 1 diabetes mellitus. <i>IUBMB Life</i> , <b>2014</b> , 66, 723-34	4.7	51
162	Abnormal neutrophil signature in the blood and pancreas of presymptomatic and symptomatic type 1 diabetes. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	50
161	Islet glutamic acid decarboxylase modified by reactive oxygen species is recognized by antibodies from patients with type 1 diabetes mellitus. <i>Clinical and Experimental Immunology</i> , <b>2001</b> , 126, 242-9	6.2	49
160	Enteroviruses as causative agents in type 1 diabetes: loose ends or lost cause?. <i>Trends in Endocrinology and Metabolism</i> , <b>2014</b> , 25, 611-9	8.8	48
159	Immunohistochemical analysis of the relationship between islet cell proliferation and the production of the enteroviral capsid protein, VP1, in the islets of patients with recent-onset type 1 diabetes. <i>Diabetologia</i> , <b>2011</b> , 54, 2417-20	10.3	48
158	Treatment of cultured pancreatic B-cells with streptozotocin induces cell death by apoptosis. <i>Bioscience Reports</i> , <b>1994</b> , 14, 243-50	4.1	47
157	The impact of anti-inflammatory cytokines on the pancreatic Ecell. <i>Islets</i> , <b>2014</b> , 6, e950547	2	46

156	Stimulation of insulin secretion by the imidazoline alpha 2-adrenoceptor antagonist efaroan is mediated by a novel, stereoselective, binding site. <i>European Journal of Pharmacology</i> , <b>1993</b> , 230, 375-8	5.3	45
155	Differential protective effects of palmitoleic acid and cAMP on caspase activation and cell viability in pancreatic beta-cells exposed to palmitate. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2006</b> , 11, 1231-8	5.4	43
154	Superoxide, nitric oxide, peroxynitrite and cytokine combinations all cause functional impairment and morphological changes in rat islets of Langerhans and insulin secreting cell lines, but dictate cell death by different mechanisms. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>1997</b> , 2, 164-77	5.4	42
153	An integrated multi-omics approach identifies the landscape of interferon- $\gamma$ -mediated responses of human pancreatic beta cells. <i>Nature Communications</i> , <b>2020</b> , 11, 2584	17.4	41
152	Rationale for enteroviral vaccination and antiviral therapies in human type 1 diabetes. <i>Diabetologia</i> , <b>2019</b> , 62, 744-753	10.3	40
151	Studies of insulin and proinsulin in pancreas and serum support the existence of aetiopathological endotypes of type 1 diabetes associated with age at diagnosis. <i>Diabetologia</i> , <b>2020</b> , 63, 1258-1267	10.3	40
150	Unsaturated fatty acids as cytoprotective agents in the pancreatic beta-cell. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2010</b> , 82, 231-6	2.8	40
149	Arachidonic acid actions on functional integrity and attenuation of the negative effects of palmitic acid in a clonal pancreatic $\beta$ -cell line. <i>Clinical Science</i> , <b>2011</b> , 120, 195-206	6.5	38
148	Stimulation of insulin secretion by imidazoline compounds is not due to interaction with non-adrenoceptor idazoxan binding sites. <i>British Journal of Pharmacology</i> , <b>1993</b> , 108, 312-7	8.6	38
147	Fifty years of pancreatic islet pathology in human type 1 diabetes: insights gained and progress made. <i>Diabetologia</i> , <b>2018</b> , 61, 2499-2506	10.3	38
146	Differential cell autonomous responses determine the outcome of coxsackievirus infections in murine pancreatic $\beta$ and $\alpha$ cells. <i>ELife</i> , <b>2015</b> , 4, e06990	8.9	37
145	Combining enteral with parenteral nutrition to improve postoperative glucose control. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 1635-41	3.6	37
144	The cytoprotective actions of long-chain mono-unsaturated fatty acids in pancreatic beta-cells. <i>Biochemical Society Transactions</i> , <b>2008</b> , 36, 905-8	5.1	37
143	Differential regulation of the ER stress response by long-chain fatty acids in the pancreatic beta-cell. <i>Biochemical Society Transactions</i> , <b>2008</b> , 36, 959-62	5.1	37
142	A Kir6.2 mutation causing neonatal diabetes impairs electrical activity and insulin secretion from INS-1 beta-cells. <i>Diabetes</i> , <b>2006</b> , 55, 3075-82	0.9	37
141	Characterization of the imidazoline binding site involved in regulation of insulin secretion. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 763, 361-73	6.5	37
140	Heterotrimeric G-proteins are implicated in the regulation of apoptosis in pancreatic beta-cells. <i>Experimental Cell Research</i> , <b>1996</b> , 229, 69-76	4.2	37
139	Fatty acids and beta-cell toxicity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2009</b> , 12, 117-23	3.8	36

138	Stimulation of hepatic glycogenolysis by alpha 1- and beta 2-adrenergic agonists. Evidence against short term agonist-induced desensitization of the responses. <i>Journal of Biological Chemistry</i> , <b>1982</b> , 257, 13907-10	5.4	36
137	Infection of human islets of Langerhans with two strains of Coxsackie B virus serotype 1: assessment of virus replication, degree of cell death and induction of genes involved in the innate immunity pathway. <i>Journal of Medical Virology</i> , <b>2014</b> , 86, 1402-11	19.7	35
136	Effects of the beta-carbolines, harmaline and pinoline, on insulin secretion from isolated human islets of Langerhans. <i>European Journal of Pharmacology</i> , <b>2003</b> , 482, 189-96	5.3	35
135	Enteroviral infections in the pathogenesis of type 1 diabetes: new insights for therapeutic intervention. <i>Current Opinion in Pharmacology</i> , <b>2018</b> , 43, 11-19	5.1	34
134	Induction of an antiviral state and attenuated coxsackievirus replication in type III interferon-treated primary human pancreatic islets. <i>Journal of Virology</i> , <b>2013</b> , 87, 7646-54	6.6	34
133	Concentration-dependent effects of adrenaline on the profile of insulin secretion from isolated human islets of Langerhans. <i>Journal of Endocrinology</i> , <b>1993</b> , 138, 555-63	4.7	33
132	Evaluation of the fidelity of immunolabelling obtained with clone 5D8/1, a monoclonal antibody directed against the enteroviral capsid protein, VP1, in human pancreas. <i>Diabetologia</i> , <b>2014</b> , 57, 392-401	10.3	32
131	Differential effects of interleukin-13 and interleukin-6 on Jak/STAT signaling and cell viability in pancreatic B-cells. <i>Islets</i> , <b>2013</b> , 5, 95-105	2	32
130	Differential expression of alpha 2-adrenoceptor subtypes in purified rat pancreatic islet A- and B-cells. <i>Cellular Signalling</i> , <b>1997</b> , 9, 71-8	4.9	32
129	Characterization of a KATP channel-independent pathway involved in potentiation of insulin secretion by efaroxan. <i>Diabetes</i> , <b>2001</b> , 50, 340-7	0.9	32
128	Unexpected subcellular distribution of a specific isoform of the Coxsackie and adenovirus receptor, CAR-SIV, in human pancreatic beta cells. <i>Diabetologia</i> , <b>2018</b> , 61, 2344-2355	10.3	31
127	Structural requirements for the cytoprotective actions of mono-unsaturated fatty acids in the pancreatic beta-cell line, BRIN-BD11. <i>British Journal of Pharmacology</i> , <b>2008</b> , 153, 1718-27	8.6	31
126	Imidazoleacetic acid-ribotide: an endogenous ligand that stimulates imidazol(in)e receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 13677-82	11.5	31
125	Stimulation of insulin secretion from isolated rat islets of Langerhans by melittin. <i>Bioscience Reports</i> , <b>1984</b> , 4, 665-71	4.1	31
124	Abnormal islet sphingolipid metabolism in type 1 diabetes. <i>Diabetologia</i> , <b>2018</b> , 61, 1650-1661	10.3	30
123	A specific inhibitor of cytosolic phospholipase A2 activity, AACOCF3, inhibits glucose-induced insulin secretion from isolated rat islets. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 218, 423-7	3.4	30
122	Expression of alpha 2- and beta-adrenoceptor subtypes in human islets of Langerhans. <i>Journal of Endocrinology</i> , <b>1996</b> , 148, 531-43	4.7	30
121	Characterisation of the alpha 1-adrenergic control of hepatic cAMP in male rats. <i>European Journal of Pharmacology</i> , <b>1983</b> , 96, 1-10	5.3	29

120	Differential effects of beta-adrenergic agonists on insulin secretion from pancreatic islets isolated from rat and man. <i>Journal of Molecular Endocrinology</i> , <b>1990</b> , 5, 49-54	4.5	28
119	The effect of the putative endogenous imidazoline receptor ligand, clonidine-displacing substance, on insulin secretion from rat and human islets of Langerhans. <i>British Journal of Pharmacology</i> , <b>1997</b> , 120, 926-32	8.6	25
118	Expression and functional activity of PPARgamma in pancreatic beta cells. <i>British Journal of Pharmacology</i> , <b>2004</b> , 142, 1162-70	8.6	25
117	Studies on the mechanism of inhibition of hepatic cAMP accumulation by vasopressin. <i>FEBS Letters</i> , <b>1983</b> , 163, 277-81	3.8	25
116	Imidazoline receptors: new targets for antihyperglycaemic drugs. <i>Expert Opinion on Investigational Drugs</i> , <b>1999</b> , 8, 575-84	5.9	23
115	Phospholipase A2 expression in human and rodent insulin-secreting cells. <i>Molecular and Cellular Endocrinology</i> , <b>1995</b> , 112, 177-83	4.4	23
114	Siglec-7 restores $\beta$ cell function and survival and reduces inflammation in pancreatic islets from patients with diabetes. <i>Scientific Reports</i> , <b>2017</b> , 7, 45319	4.9	22
113	Molecular Pathways for Immune Recognition of Preproinsulin Signal Peptide in Type 1 Diabetes. <i>Diabetes</i> , <b>2018</b> , 67, 687-696	0.9	22
112	Use of antisera directed against dsRNA to detect viral infections in formalin-fixed paraffin-embedded tissue. <i>Journal of Clinical Virology</i> , <b>2010</b> , 49, 180-5	14.5	22
111	The significance of GPR119 agonists as a future treatment for type 2 diabetes. <i>Drug News and Perspectives</i> , <b>2010</b> , 23, 418-24		22
110	Differential effects of genistein on apoptosis induced by fluoride and pertussis toxin in human and rat pancreatic islets and RINm5F cells. <i>Journal of Endocrinology</i> , <b>2002</b> , 172, 137-43	4.7	22
109	Affinity isolation of imidazoline binding proteins from rat brain using 5-amino-efaroxan as a ligand. <i>FEBS Letters</i> , <b>1999</b> , 447, 61-4	3.8	22
108	Angiotensin II inhibits hepatic cAMP accumulation induced by glucagon and epinephrine and their metabolic effects. <i>FEBS Letters</i> , <b>1983</b> , 153, 77-80	3.8	22
107	Characterisation of new efaroxan derivatives for use in purification of imidazoline-binding sites. <i>European Journal of Pharmacology</i> , <b>1998</b> , 355, 67-76	5.3	21
106	Mechanisms involved in stimulation of insulin secretion by the hypoglycaemic alpha-adrenergic antagonist, DG-5128. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 176, 1545-51	3.4	21
105	Regulation of insulin secretion by $\alpha$ -adrenergic agonists. <i>Trends in Pharmacological Sciences</i> , <b>1987</b> , 8, 369-370	13.2	21
104	Human and rodent pancreatic beta-cells express IL-4 receptors and IL-4 protects against beta-cell apoptosis by activation of the PI3K and JAK/STAT pathways. <i>Bioscience Reports</i> , <b>2009</b> , 30, 169-75	4.1	20
103	The protein tyrosine phosphatase-BL, modulates pancreatic beta-cell proliferation by interaction with the Wnt signalling pathway. <i>Journal of Endocrinology</i> , <b>2008</b> , 197, 543-52	4.7	20



102	Activation of alpha-2-adrenoceptors results in an increase in F-actin formation in HIT-T15 pancreatic B-cells. <i>Biochemical Journal</i> , <b>1995</b> , 307 ( Pt 1), 169-74	3.8	20
101	Evidence that protein kinase Cdelta is not required for palmitate-induced cytotoxicity in BRIN-BD11 beta-cells. <i>Journal of Molecular Endocrinology</i> , <b>2004</b> , 32, 227-35	4.5	19
100	Immunological characterization of the guanine-nucleotide binding proteins Gi and Go in rat islets of Langerhans. <i>Journal of Molecular Endocrinology</i> , <b>1992</b> , 8, 103-8	4.5	19
99	Detection and localization of viral infection in the pancreas of patients with type 1 diabetes using short fluorescently-labelled oligonucleotide probes. <i>Oncotarget</i> , <b>2017</b> , 8, 12620-12636	3.3	19
98	Relative sensitivity of immunohistochemistry, multiple reaction monitoring mass spectrometry, in situ hybridization and PCR to detect Coxsackievirus B1 in A549 cells. <i>Journal of Clinical Virology</i> , <b>2016</b> , 77, 21-8	14.5	18
97	The cytoprotective effects of oleoylethanolamide in insulin-secreting cells do not require activation of GPR119. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 2758-70	8.6	18
96	Conditional expression of hepatocyte nuclear factor-1beta, the maturity-onset diabetes of the young-5 gene product, influences the viability and functional competence of pancreatic beta-cells. <i>Journal of Endocrinology</i> , <b>2006</b> , 190, 171-81	4.7	18
95	GTP-binding proteins in cell survival and demise: the emerging picture in the pancreatic beta-cell. <i>Biochemical Pharmacology</i> , <b>2002</b> , 63, 1027-35	6	18
94	Evidence that the ability of imidazoline compounds to stimulate insulin secretion is not due to interaction with sigma receptors. <i>European Journal of Pharmacology</i> , <b>1997</b> , 323, 241-4	5.3	17
93	Evidence for differential effects of noradrenaline and somatostatin on intracellular messenger systems in rat islets of Langerhans. <i>Journal of Molecular Endocrinology</i> , <b>1990</b> , 4, 231-7	4.5	17
92	Selective stimulation of glucagon secretion by beta 2-adrenoceptors in isolated islets of Langerhans of the rat. <i>British Journal of Pharmacology</i> , <b>1991</b> , 103, 1824-8	8.6	17
91	Conditional expression of the FTO gene product in rat INS-1 cells reveals its rapid turnover and a role in the profile of glucose-induced insulin secretion. <i>Clinical Science</i> , <b>2011</b> , 120, 403-13	6.5	16
90	Effects of tyrosine kinase inhibitors on cell death induced by sodium fluoride and pertussis toxin in the pancreatic beta-cell line, RINm5F. <i>British Journal of Pharmacology</i> , <b>2001</b> , 132, 119-26	8.6	15
89	Studies on the mechanism by which melittin stimulates insulin secretion from isolated rat islets of Langerhans. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1985</b> , 845, 526-32	4.9	15
88	How, When, and Where Do Human $\beta$ Cells Regenerate?. <i>Current Diabetes Reports</i> , <b>2019</b> , 19, 48	5.6	14
87	Activation of protein kinase C modulates alpha2-adrenergic signalling in rat pancreatic islets. <i>Cellular Signalling</i> , <b>1998</b> , 10, 637-43	4.9	14
86	Pre-incubation with interleukin-4 mediates a direct protective effect against the loss of pancreatic beta-cell viability induced by proinflammatory cytokines. <i>Clinical and Experimental Immunology</i> , <b>2007</b> , 148, 583-8	6.2	14
85	Involvement of the cGMP signalling pathway in the regulation of viability in insulin-secreting BRIN-BD11 cells. <i>FEBS Letters</i> , <b>2004</b> , 559, 118-24	3.8	14



84	Sigma receptor ligands and imidazoline secretagogues mediate their insulin secretory effects by activating distinct receptor systems in isolated islets. <i>European Journal of Pharmacology</i> , <b>1998</b> , 350, 267-72	5.3	14
83	Pancreatic beta-cells express an imidazoline binding site that is distinct from I1 and I2 sites. <i>Annals of the New York Academy of Sciences</i> , <b>1995</b> , 763, 153-6	6.5	14
82	Comparative effects of efaroxan and beta-carbolines on the secretory activity of rodent and human beta cells. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1009, 167-74	6.5	13
81	Effects of Adrenergic antagonists on insulin secretion from rat pancreatic islets. <i>Biochemical Society Transactions</i> , <b>1988</b> , 16, 1005-1006	5.1	13
80	Effects of the calcium-channel agonist CGP 28392 on insulin secretion from isolated rat islets of Langerhans. <i>Biochemical Journal</i> , <b>1985</b> , 231, 629-34	3.8	13
79	In Situ Analysis Reveals That CFTR Is Expressed in Only a Small Minority of Cells in Normal Adult Human Pancreas. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	13
78	A novel de novo activating mutation in STAT3 identified in a patient with common variable immunodeficiency (CVID). <i>Clinical Immunology</i> , <b>2018</b> , 187, 132-136	9	13
77	Pharmacological characterization of the cytoprotective effects of polyunsaturated fatty acids in insulin-secreting BRIN-BD11 cells. <i>British Journal of Pharmacology</i> , <b>2011</b> , 162, 1340-50	8.6	12
76	Interactions between imidazoline compounds and sulphonylureas in the regulation of insulin secretion. <i>British Journal of Pharmacology</i> , <b>1997</b> , 121, 799-805	8.6	12
75	The putative imidazoline receptor agonist, harmaline, promotes intracellular calcium mobilisation in pancreatic beta-cells. <i>European Journal of Pharmacology</i> , <b>2004</b> , 501, 31-9	5.3	12
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