

Angel Nadal

List of Publications by Year in Descending Order

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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.

137
papers

12,214
citations

55
h-index

109
g-index

156
ext. papers

13,850
ext. citations

5.5
avg, IF

6.13
L-index

#	Paper	IF	Citations
137	G protein-coupled estrogen receptor activation by bisphenol-A disrupts the protection from apoptosis conferred by the estrogen receptors ER α and ER β in pancreatic beta cells.. <i>Environment International</i> , 2022 , 164, 107250	12.9	2
136	Ventricular Fibrosis and Coronary Remodeling Following Short-Term Exposure of Healthy and Malnourished Mice to Bisphenol A. <i>Frontiers in Physiology</i> , 2021 , 12, 638506	4.6	0
135	Bisphenol-S and Bisphenol-F alter mouse pancreatic β cell ion channel expression and activity and insulin release through an estrogen receptor ER α -mediated pathway. <i>Chemosphere</i> , 2021 , 265, 129051	8.4	5
134	CDK11 Promotes Cytokine-Induced Apoptosis in Pancreatic Beta Cells Independently of Glucose Concentration and Is Regulated by Inflammation in the NOD Mouse Model. <i>Frontiers in Immunology</i> , 2021 , 12, 634797	8.4	1
133	The GOLIATH Project: Towards an Internationally Harmonised Approach for Testing Metabolism Disrupting Compounds. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
132	Impacts of food contact chemicals on human health: a consensus statement. <i>Environmental Health</i> , 2020 , 19, 25	6	50
131	Marine Litter Plastics and Microplastics and Their Toxic Chemicals Components 2020 , 159-179		1
130	Bisphenol-A exposure during pregnancy alters pancreatic β cell division and mass in male mice offspring: A role for ER α . <i>Food and Chemical Toxicology</i> , 2020 , 145, 111681	4.7	3
129	Morphological and functional adaptations of pancreatic alpha-cells during late pregnancy in the mouse. <i>Metabolism: Clinical and Experimental</i> , 2020 , 102, 153963	12.7	9
128	In utero exposure to bisphenol-A disrupts key elements of retinoid system in male mice offspring. <i>Food and Chemical Toxicology</i> , 2019 , 126, 142-151	4.7	7
127	Toxic Effects of Common Environmental Pollutants in Pancreatic β Cells and the Onset of Diabetes Mellitus 2019 , 764-775		6
126	Bisphenol A Regulates Sodium Ramp Currents in Mouse Dorsal Root Ganglion Neurons and Increases Nociception. <i>Scientific Reports</i> , 2019 , 9, 10306	4.9	4
125	Oestrogen receptor β mediates the actions of bisphenol-A on ion channel expression in mouse pancreatic beta cells. <i>Diabetologia</i> , 2019 , 62, 1667-1680	10.3	17
124	Pancreatic alpha-cell mass in the early-onset and advanced stage of a mouse model of experimental autoimmune diabetes. <i>Scientific Reports</i> , 2019 , 9, 9515	4.9	17
123	Update on Activities in Endocrine Disruptor Research and Policy. <i>Endocrinology</i> , 2019 , 160, 1681-1683	4.8	7
122	OR23-3 Differential Effects of Chronic Exposure to Bisphenol-A on Ion Channel Activity and Expression in Mouse Pancreatic Beta-Cells. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
121	Cortistatin regulates glucose-induced electrical activity and insulin secretion in mouse pancreatic beta-cells. <i>Molecular and Cellular Endocrinology</i> , 2019 , 479, 123-132	4.4	4

120	Marine litter plastics and microplastics and their toxic chemicals components: the need for urgent preventive measures. <i>Environmental Sciences Europe</i> , 2018 , 30, 13	5	271
119	Extranuclear-initiated estrogenic actions of endocrine disrupting chemicals: Is there toxicology beyond paracelsus?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 176, 16-22	5.1	47
118	A Calcium-Dependent Chloride Current Increases Repetitive Firing in Mouse Sympathetic Neurons. <i>Frontiers in Physiology</i> , 2018 , 9, 508	4.6	4
117	Mitochondria as target of endocrine-disrupting chemicals: implications for type 2 diabetes. <i>Journal of Endocrinology</i> , 2018 , 239, R27-R45	4.7	23
116	Effects of bisphenol A treatment during pregnancy on kidney development in mice: a stereological and histopathological study. <i>Journal of Developmental Origins of Health and Disease</i> , 2018 , 9, 208-214	2.4	14
115	Experimental BPA Exposure and Glucose-Stimulated Insulin Response in Adult Men and Women. <i>Journal of the Endocrine Society</i> , 2018 , 2, 1173-1187	0.4	41
114	Polluted Pathways: Mechanisms of Metabolic Disruption by Endocrine Disrupting Chemicals. <i>Current Environmental Health Reports</i> , 2017 , 4, 208-222	6.5	42
113	GPR55 and the regulation of glucose homeostasis. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 88, 204-207	5.6	8
112	Endocrine-disrupting chemicals and the regulation of energy balance. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 536-546	15.2	108
111	Molecular mechanisms involved in the non-monotonic effect of bisphenol-a on ca ²⁺ entry in mouse pancreatic βcells. <i>Scientific Reports</i> , 2017 , 7, 11770	4.9	42
110	Metabolism disrupting chemicals and metabolic disorders. <i>Reproductive Toxicology</i> , 2017 , 68, 3-33	3.4	500
109	Maternal Exposure to Bisphenol-A During Pregnancy Increases Pancreatic βCell Growth During Early Life in Male Mice Offspring. <i>Endocrinology</i> , 2016 , 157, 4158-4171	4.8	45
108	The bile acid TUDCA increases glucose-induced insulin secretion via the cAMP/PKA pathway in pancreatic beta cells. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 54-63	12.7	48
107	Uppsala Consensus Statement on Environmental Contaminants and the Global Obesity Epidemic. <i>Environmental Health Perspectives</i> , 2016 , 124, A81-3	8.4	27
106	Lacking of estradiol reduces insulin exocytosis from pancreatic βcells and increases hepatic insulin degradation. <i>Steroids</i> , 2016 , 114, 16-24	2.8	12
105	Effects of Bisphenol A on ion channels: Experimental evidence and molecular mechanisms. <i>Steroids</i> , 2016 , 111, 12-20	2.8	24
104	Glucagon-Like Peptide 1 Analogs and their Effects on Pancreatic Islets. <i>Trends in Endocrinology and Metabolism</i> , 2016 , 27, 304-318	8.8	41
103	Taurine supplementation ameliorates glucose homeostasis, prevents insulin and glucagon hypersecretion, and controls β and α cell masses in genetic obese mice. <i>Amino Acids</i> , 2015 , 47, 1533-48	3.5	37

102	Bisphenol-A treatment during pregnancy in mice: a new window of susceptibility for the development of diabetes in mothers later in life. <i>Endocrinology</i> , 2015 , 156, 1659-70	4.8	93
101	Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals. <i>Endocrine Reviews</i> , 2015 , 36, 593-602	27.2	359
100	EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals. <i>Endocrine Reviews</i> , 2015 , 36, E1-E150	27.2	1028
99	Prenatal Exposure to BPA and Offspring Outcomes: The Diabesogenic Behavior of BPA. <i>Dose-Response</i> , 2015 , 13, 1559325815590395	2.3	46
98	Enhanced glucose-induced intracellular signaling promotes insulin hypersecretion: pancreatic beta-cell functional adaptations in a model of genetic obesity and prediabetes. <i>Molecular and Cellular Endocrinology</i> , 2015 , 404, 46-55	4.4	34
97	Pancreatic alpha-cells from female mice undergo morphofunctional changes during compensatory adaptations of the endocrine pancreas to diet-induced obesity. <i>Scientific Reports</i> , 2015 , 5, 11622	4.9	26
96	Nutrient regulation of glucagon secretion: involvement in metabolism and diabetes. <i>Nutrition Research Reviews</i> , 2014 , 27, 48-62	7	29
95	Inhibition of connexin 36 hemichannels by glucose contributes to the stimulation of insulin secretion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E1354-66	6	12
94	Glucocorticoid treatment and endocrine pancreas function: implications for glucose homeostasis, insulin resistance and diabetes. <i>Journal of Endocrinology</i> , 2014 , 223, R49-62	4.7	120
93	Exposure to bisphenol-A during pregnancy partially mimics the effects of a high-fat diet altering glucose homeostasis and gene expression in adult male mice. <i>PLoS ONE</i> , 2014 , 9, e100214	3.7	117
92	Cyclin D3 promotes pancreatic β cell fitness and viability in a cell cycle-independent manner and is targeted in autoimmune diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3405-14	11.5	8
91	Pancreatic alpha-cell dysfunction contributes to the disruption of glucose homeostasis and compensatory insulin hypersecretion in glucocorticoid-treated rats. <i>PLoS ONE</i> , 2014 , 9, e93531	3.7	25
90	Insulin hypersecretion in islets from diet-induced hyperinsulinemic obese female mice is associated with several functional adaptations in individual β cells. <i>Endocrinology</i> , 2013 , 154, 3515-24	4.8	50
89	Antidiabetic actions of an estrogen receptor β -selective agonist. <i>Diabetes</i> , 2013 , 62, 2015-25	0.9	45
88	Involvement of the clock gene Rev-erb alpha in the regulation of glucagon secretion in pancreatic alpha-cells. <i>PLoS ONE</i> , 2013 , 8, e69939	3.7	52
87	Bisphenol-A acts as a potent estrogen via non-classical estrogen triggered pathways. <i>Molecular and Cellular Endocrinology</i> , 2012 , 355, 201-7	4.4	223
86	Role of ER α and GPR30 in the endocrine pancreas: A matter of estrogen dose. <i>Steroids</i> , 2012 , 77, 951-8	2.8	24
85	Insulinotropic effect of the non-steroidal compound STX in pancreatic β cells. <i>PLoS ONE</i> , 2012 , 7, e34650	3.7	

84	Rapid insulinotropic action of low doses of bisphenol-A on mouse and human islets of Langerhans: role of estrogen receptor \square <i>PLoS ONE</i> , 2012 , 7, e31109	3.7	147
83	Role of leptin in the pancreatic β cell: effects and signaling pathways. <i>Journal of Molecular Endocrinology</i> , 2012 , 49, R9-17	4.5	95
82	The clock gene Rev-erb β regulates pancreatic β cell function: modulation by leptin and high-fat diet. <i>Endocrinology</i> , 2012 , 153, 592-601	4.8	76
81	Functional and structural adaptations in the pancreatic β cell and changes in glucagon signaling during protein malnutrition. <i>Endocrinology</i> , 2012 , 153, 1663-72	4.8	9
80	Short-term treatment with bisphenol-A leads to metabolic abnormalities in adult male mice. <i>PLoS ONE</i> , 2012 , 7, e33814	3.7	121
79	Endocrine disruptors in the etiology of type 2 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2011 , 7, 346-53	15.2	270
78	Regulation of K(ATP) channel by 17 β estradiol in pancreatic β cells. <i>Steroids</i> , 2011 , 76, 856-60	2.8	5
77	Role of estrogen receptors alpha, beta and GPER1/GPR30 in pancreatic beta-cells. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 251-60	2.8	35
76	Leptin downregulates expression of the gene encoding glucagon in alphaTC1-9 cells and mouse islets. <i>Diabetologia</i> , 2011 , 54, 843-51	10.3	25
75	A water-soluble perylene dye functionalised with a 17 β estradiol: a new fluorescent tool for steroid hormones. <i>Chemical Communications</i> , 2011 , 47, 8307-9	5.8	52
74	The F-actin cortical network is a major factor influencing the organization of the secretory machinery in chromaffin cells. <i>Journal of Cell Science</i> , 2011 , 124, 727-34	5.3	29
73	A role for the putative cannabinoid receptor GPR55 in the islets of Langerhans. <i>Journal of Endocrinology</i> , 2011 , 211, 177-85	4.7	90
72	Involvement of ATP-sensitive potassium (K(ATP)) channels in the loss of beta-cell function induced by human islet amyloid polypeptide. <i>Journal of Biological Chemistry</i> , 2011 , 286, 40857-66	5.4	24
71	Fetal and Adult Exposure to Bisphenol-A as a Contributing Factor in the Etiology of the Metabolic Syndrome. <i>Research and Perspectives in Endocrine Interactions</i> , 2011 , 113-125		1
70	Bisphenol-A: a new diabetogenic factor?. <i>Hormones</i> , 2010 , 9, 118-26	3.1	68
69	Reduced insulin secretion in protein malnourished mice is associated with multiple changes in the beta-cell stimulus-secretion coupling. <i>Endocrinology</i> , 2010 , 151, 3543-54	4.8	25
68	Position paper: Rapid responses to steroids: current status and future prospects. <i>European Journal of Endocrinology</i> , 2010 , 162, 825-30	6.5	24
67	Flawed experimental design reveals the need for guidelines requiring appropriate positive controls in endocrine disruption research. <i>Toxicological Sciences</i> , 2010 , 115, 612-3	4.4	64

66	Bisphenol A exposure during pregnancy disrupts glucose homeostasis in mothers and adult male offspring. <i>Environmental Health Perspectives</i> , 2010 , 118, 1243-50	8.4	329
65	The atrial natriuretic peptide and guanylyl cyclase-A system modulates pancreatic beta-cell function. <i>Endocrinology</i> , 2010 , 151, 3665-74	4.8	34
64	Glucocorticoids in vivo induce both insulin hypersecretion and enhanced glucose sensitivity of stimulus-secretion coupling in isolated rat islets. <i>Endocrinology</i> , 2010 , 151, 85-95	4.8	55
63	Rapid responses to steroid hormones. Preface. <i>Steroids</i> , 2010 , 75, 519	2.8	1
62	Pancreatic islet cells: a model for calcium-dependent peptide release. <i>HFSP Journal</i> , 2010 , 4, 52-60		7
61	Why public health agencies cannot depend on good laboratory practices as a criterion for selecting data: the case of bisphenol A. <i>Environmental Health Perspectives</i> , 2009 , 117, 309-15	8.4	212
60	Inhibitory effects of leptin on pancreatic alpha-cell function. <i>Diabetes</i> , 2009 , 58, 1616-24	0.9	60
59	Rapid regulation of K(ATP) channel activity by 17{beta}-estradiol in pancreatic {beta}-cells involves the estrogen receptor {beta} and the atrial natriuretic peptide receptor. <i>Molecular Endocrinology</i> , 2009 , 23, 1973-82		78
58	Role of iduronate-2-sulfatase in glucose-stimulated insulin secretion by activation of exocytosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E793-801	6	5
57	Rapid non-genomic regulation of Ca ²⁺ signals and insulin secretion by PPAR alpha ligands in mouse pancreatic islets of Langerhans. <i>Journal of Endocrinology</i> , 2009 , 200, 127-38	4.7	26
56	Lysophosphatidic acid induces Ca ²⁺ mobilization and c-Myc expression in mouse embryonic stem cells via the phospholipase C pathway. <i>Cellular Signalling</i> , 2009 , 21, 523-8	4.9	31
55	The role of oestrogens in the adaptation of islets to insulin resistance. <i>Journal of Physiology</i> , 2009 , 587, 5031-7	3.9	92
54	The pancreatic beta-cell as a target of estrogens and xenoestrogens: Implications for blood glucose homeostasis and diabetes. <i>Molecular and Cellular Endocrinology</i> , 2009 , 304, 63-8	4.4	215
53	The role of the pancreatic endocannabinoid system in glucose metabolism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2009 , 23, 87-102	6.5	29
52	Bisphenol-A disruption of the endocrine pancreas and blood glucose homeostasis. <i>Journal of Developmental and Physical Disabilities</i> , 2008 , 31, 194-200		142
51	Glucose induces synchronous mitochondrial calcium oscillations in intact pancreatic islets. <i>Cell Calcium</i> , 2008 , 43, 39-47	4	20
50	The role of estrogen receptors in the control of energy and glucose homeostasis. <i>Steroids</i> , 2008 , 73, 874-8	2.8	115
49	Physiology of the pancreatic alpha-cell and glucagon secretion: role in glucose homeostasis and diabetes. <i>Journal of Endocrinology</i> , 2008 , 199, 5-19	4.7	259

48	Salicylates increase insulin secretion in healthy obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 2523-30	5.6	27
47	Rapid regulation of pancreatic alpha- and beta- cell signalling systems by estrogens. <i>Infectious Disorders - Drug Targets</i> , 2008 , 8, 61-4	1.1	13
46	Presence of functional cannabinoid receptors in human endocrine pancreas. <i>Diabetologia</i> , 2008 , 51, 476-87.3	87.3	153
45	Pancreatic insulin content regulation by the estrogen receptor ER alpha. <i>PLoS ONE</i> , 2008 , 3, e2069	3.7	287
44	Role of cannabinoid CB2 receptors in glucose homeostasis in rats. <i>European Journal of Pharmacology</i> , 2007 , 565, 207-11	5.3	89
43	In vitro molecular mechanisms of bisphenol A action. <i>Reproductive Toxicology</i> , 2007 , 24, 178-98	3.4	695
42	Cannabinoid receptors regulate Ca(2+) signals and insulin secretion in pancreatic beta-cell. <i>Cell Calcium</i> , 2006 , 39, 155-62	4	220
41	Activation of cannabinoid CB1 receptors induces glucose intolerance in rats. <i>European Journal of Pharmacology</i> , 2006 , 531, 282-4	5.3	81
40	Genistein affects adipose tissue deposition in a dose-dependent and gender-specific manner. <i>Endocrinology</i> , 2006 , 147, 5740-51	4.8	161
39	The estrogenic effect of bisphenol A disrupts pancreatic beta-cell function in vivo and induces insulin resistance. <i>Environmental Health Perspectives</i> , 2006 , 114, 106-12	8.4	432
38	Glucose induces opposite intracellular Ca2+ concentration oscillatory patterns in identified alpha- and beta-cells within intact human islets of Langerhans. <i>Diabetes</i> , 2006 , 55, 2463-9	0.9	80
37	Rapid endocrine disruption: environmental estrogen actions triggered outside the nucleus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006 , 102, 163-9	5.1	54
36	Bioluminescence imaging of nuclear calcium oscillations in intact pancreatic islets of Langerhans from the mouse. <i>Cell Calcium</i> , 2005 , 38, 131-9	4	19
35	Disentangling the molecular mechanisms of action of endogenous and environmental estrogens. <i>Pflugers Archiv European Journal of Physiology</i> , 2005 , 449, 335-43	4.6	25
34	Low doses of bisphenol A and diethylstilbestrol impair Ca2+ signals in pancreatic alpha-cells through a nonclassical membrane estrogen receptor within intact islets of Langerhans. <i>Environmental Health Perspectives</i> , 2005 , 113, 969-77	8.4	211
33	Novel players in pancreatic islet signaling: from membrane receptors to nuclear channels. <i>Diabetes</i> , 2004 , 53 Suppl 1, S86-91	0.9	18
32	Oestradiol rapidly inhibits Ca2+ signals in ciliary neurons through classical oestrogen receptors in cytoplasm. <i>Pflugers Archiv European Journal of Physiology</i> , 2004 , 449, 33-41	4.6	10
31	Estrogen and xenoestrogen actions on endocrine pancreas: from ion channel modulation to activation of nuclear function. <i>Steroids</i> , 2004 , 69, 531-6	2.8	56

30	On-line analysis of gap junctions reveals more efficient electrical than dye coupling between islet cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E980-7	6	36
29	Bovine subcommissural organ displays spontaneous and synchronous intracellular calcium oscillations. <i>Brain Research</i> , 2003 , 977, 90-6	3.7	3
28	Estradiol modulates acetylcholine-induced Ca ²⁺ signals in LHRH-releasing GT1-7 cells through a membrane binding site. <i>European Journal of Neuroscience</i> , 2003 , 18, 2505-14	3.5	39
27	Characteristics of a Nonclassical Membrane Estrogen Receptor in the Endocrine Pancreas 2003 , 169-176		
26	Nuclear KATP channels trigger nuclear Ca(2+) transients that modulate nuclear function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 9544-9	11.5	73
25	Low doses of the endocrine disruptor bisphenol-A and the native hormone 17beta-estradiol rapidly activate transcription factor CREB. <i>FASEB Journal</i> , 2002 , 16, 1671-3	0.9	179
24	A nonclassical estrogen membrane receptor triggers rapid differential actions in the endocrine pancreas. <i>Molecular Endocrinology</i> , 2002 , 16, 497-505		115
23	Glial cell responses to lipids bound to albumin in serum and plasma. <i>Progress in Brain Research</i> , 2001 , 132, 367-74	2.9	13
22	The estrogen trinity: membrane, cytosolic, and nuclear effects. <i>Physiology</i> , 2001 , 16, 251-5	9.8	50
21	Imaging Intracellular Calcium in Living Tissue by Laser-Scanning Confocal Microscopy 2001 , 661-671		
20	Engineering pancreatic islets. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 440, 1-18	4.6	43
19	Nongenomic actions of estrogens and xenoestrogens by binding at a plasma membrane receptor unrelated to estrogen receptor alpha and estrogen receptor beta. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 11603-8	11.5	309
18	Junctional communication of pancreatic beta cells contributes to the control of insulin secretion and glucose tolerance. <i>Journal of Clinical Investigation</i> , 2000 , 106, 235-43	15.9	105
17	Engineering pancreatic islets. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 440, 1	4.6	3
16	Effects of hexose pentaacetates on electrical activity and cytosolic Ca ²⁺ in mouse pancreatic islets. <i>International Journal of Molecular Medicine</i> , 1999 , 3, 15-20	4.4	4
15	Different effects of tolbutamide and diazoxide in alpha, beta-, and delta-cells within intact islets of Langerhans. <i>Diabetes</i> , 1999 , 48, 2390-7	0.9	86
14	Non-genomic actions of 17beta-oestradiol in mouse pancreatic beta-cells are mediated by a cGMP-dependent protein kinase. <i>Journal of Physiology</i> , 1999 , 521 Pt 2, 397-407	3.9	81
13	Homologous and heterologous asynchronicity between identified alpha-, beta- and delta-cells within intact islets of Langerhans in the mouse. <i>Journal of Physiology</i> , 1999 , 517 (Pt 1), 85-93	3.9	151

12	Lysophospholipids trigger calcium signals but not DNA synthesis in cortical astrocytes 1999 , 28, 272-276		13
11	Albumin elicits calcium signals from astrocytes in brain slices from neonatal rat cortex. <i>Journal of Physiology</i> , 1998 , 509 (Pt 3), 711-6	3.9	19
10	Rapid insulinotropic effect of 17beta-estradiol via a plasma membrane receptor. <i>FASEB Journal</i> , 1998 , 12, 1341-8	0.9	178
9	Glucose metabolism regulates cytosolic Ca ²⁺ in the pancreatic beta-cell by three different mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 426, 235-43	3.6	4
8	Actions of serum and plasma albumin on intracellular Ca ²⁺ in human endothelial cells. <i>Journal of Physiology</i> , 1997 , 504 (Pt 2), 315-26	3.9	23
7	Plasma albumin induces calcium waves in rat cortical astrocytes. <i>Glia</i> , 1997 , 19, 343-51	9	31
6	Activation of L-arginine transport (system y ⁺) and nitric oxide synthase by elevated glucose and insulin in human endothelial cells. <i>Journal of Physiology</i> , 1996 , 490 (Pt 3), 775-81	3.9	110
5	Adenosine 5Triphosphate (ATP) receptors induce intracellular calcium changes in mouse leydig cells. <i>Endocrine</i> , 1996 , 4, 239-47		9
4	Plasma albumin is a potent trigger of calcium signals and DNA synthesis in astrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1426-30	11.5	110
3	Fluorescence digital image analysis of glucose-induced [Ca ²⁺] _i oscillations in mouse pancreatic islets of Langerhans. <i>Diabetes</i> , 1993 , 42, 1210-1214	0.9	18
2	The relationship between glucose-induced K ⁺ ATP channel closure and the rise in [Ca ²⁺] _i in single mouse pancreatic beta-cells. <i>Journal of Physiology</i> , 1992 , 455, 173-86	3.9	55
1	Widespread synchronous [Ca ²⁺] _i oscillations due to bursting electrical activity in single pancreatic islets. <i>Pflugers Archiv European Journal of Physiology</i> , 1991 , 418, 417-22	4.6	284