

# Catherine B Chan

## List of Publications by Year in descending order

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144  
papers

6,201  
citations

100601

38  
h-index

84171

75  
g-index

148  
all docs

148  
docs citations

148  
times ranked

7565  
citing authors

#	ARTICLE	IF	CITATIONS
1	Healthy food prescription incentive programme for adults with type 2 diabetes who are experiencing food insecurity: protocol for a randomised controlled trial, modelling and implementation studies. <i>BMJ Open</i> , 2022, 12, e050006.	0.8	5
2	Nutrition Risk, Resilience and Effects of a Brief Education Intervention among Community-Dwelling Older Adults during the COVID-19 Pandemic in Alberta, Canada. <i>Nutrients</i> , 2022, 14, 1110.	1.7	4
3	Effectiveness and Acceptability of a Nutrition Intervention Targeting Chinese Adult Immigrants With Type 2 Diabetes in Canada: A Study Using Mixed-Methods Analysis. <i>Canadian Journal of Diabetes</i> , 2022, 46, 699-707.	0.4	1
4	IRW (Isoleucine-Arginine-Tryptophan) Improves Glucose Tolerance in High Fat Diet Fed C57BL/6 Mice via Activation of Insulin Signaling and AMPK Pathways in Skeletal Muscle. <i>Biomedicines</i> , 2022, 10, 1235.	1.4	4
5	The association of dietary and plasma fatty acid composition with FTO gene expression in human visceral and subcutaneous adipose tissues. <i>European Journal of Nutrition</i> , 2021, 60, 2485-2494.	1.8	6
6	Metformin Preserves $\beta$ -Cell Compensation in Insulin Secretion and Mass Expansion in Prediabetic Nile Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 421.	1.8	9
7	Associations of dairy intake with risk of incident metabolic syndrome in children and adolescents: Tehran Lipid and Glucose Study. <i>Acta Diabetologica</i> , 2021, 58, 447-457.	1.2	8
8	Harnessing Stakeholder Perspectives and Experience to Address Nutrition Risk in Community-Dwelling Older Adults. <i>Healthcare (Switzerland)</i> , 2021, 9, 477.	1.0	4
9	A Subsidized Healthy Food Prescription Program for Adults With Type 2 Diabetes Who Are Experiencing Food Insecurity: Protocol for a Randomized Controlled Trial. <i>Current Developments in Nutrition</i> , 2021, 5, 1272.	0.1	0
10	Contextually Appropriate Tools and Solutions to Facilitate Healthy Eating Identified by People with Type 2 Diabetes. <i>Nutrients</i> , 2021, 13, 2301.	1.7	2
11	Transient antibiotic-induced changes in the neonatal swine intestinal microbiota impact islet expression profiles reducing subsequent function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R303-R316.	0.9	1
12	Use of Virtual Care for Glycemic Management in People With Types 1 and 2 Diabetes and Diabetes in Pregnancy: A Rapid Review. <i>Canadian Journal of Diabetes</i> , 2021, 45, 677-688.e2.	0.4	15
13	Ingestion of isomalto-oligosaccharides stimulates insulin and incretin hormone secretion in healthy adults. <i>Journal of Functional Foods</i> , 2020, 65, 103730.	1.6	16
14	Barriers and Mitigating Strategies to Healthcare Access in Indigenous Communities of Canada: A Narrative Review. <i>Healthcare (Switzerland)</i> , 2020, 8, 112.	1.0	42
15	Organizational changes in diabetic foot care practices for patients at low and moderate risk after implementing a comprehensive foot care program in Alberta, Canada. <i>Journal of Foot and Ankle Research</i> , 2020, 13, 26.	0.7	5
16	A Mixed Methods Evaluation of a Randomized Control Trial to Evaluate the Effectiveness of the Pure Prairie Living Program in Type 2 Diabetes Participants. <i>Healthcare (Switzerland)</i> , 2020, 8, 153.	1.0	2
17	Trans-11 vaccenic acid improves glucose homeostasis in a model of type 2 diabetes by promoting insulin secretion via GPR40. <i>Journal of Functional Foods</i> , 2019, 60, 103410.	1.6	5
18	Diet quality and risk factors for cardiovascular disease among South Asians in Alberta. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 886-893.	0.9	12

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19	Î²-Cell compensation concomitant with adaptive endoplasmic reticulum stress and Î²-cell neogenesis in a diet-induced type 2 diabetes model. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1355-1366.	0.9	8
20	Egg white hydrolysate enhances insulin sensitivity in high-fat diet-induced insulin-resistant rats via Akt activation. <i>British Journal of Nutrition</i> , 2019, 122, 14-24.	1.2	20
21	Pea polyphenolics and hydrolysis processing alter microbial community structure and early pathogen colonization in mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 67, 101-110.	1.9	17
22	Diabetes, Obesity and Nutrition Strategic Clinical Network. <i>Cmaj</i> , 2019, 191, S17-S18.	0.9	2
23	Both low- and regular-fat cheeses mediate improved insulin sensitivity and modulate serum phospholipid profiles in insulin-resistant rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 144-151.	1.9	6
24	Nutrition Interventions for Type 2 Diabetes in Chinese Populations: A Scoping Review. <i>Journal of Immigrant and Minority Health</i> , 2019, 21, 1416-1431.	0.8	5
25	Defining modifiable barriers to uptake of dietary recommendations in Chinese immigrants with type 2 diabetes: a qualitative study. <i>Facets</i> , 2019, 4, 551-565.	1.1	2
26	Nutrition Therapy. <i>Canadian Journal of Diabetes</i> , 2018, 42, S64-S79.	0.4	121
27	Isoferulic acid attenuates methylglyoxal-induced apoptosis in INS-1 rat pancreatic Î²-cell through mitochondrial survival pathways and increasing glyoxalase-1 activity. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 777-785.	2.5	18
28	Epicatechin potentiation of glucose-stimulated insulin secretion in INS-1 cells is not dependent on its antioxidant activity. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 893-902.	2.8	26
29	Egg White Ovotransferrinâ€Derived ACE Inhibitory Peptide Ameliorates Angiotensin IIâ€Stimulated Insulin Resistance in Skeletal Muscle Cells. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700602.	1.5	35
30	Adherence to Diabetes Dietary Guidelines Assessed Using a Validated Questionnaire Predicts Glucose Control in Adults With Type 2 Diabetes. <i>Canadian Journal of Diabetes</i> , 2018, 42, 78-87.	0.4	16
31	Egg and Soy-Derived Peptides and Hydrolysates: A Review of Their Physiological Actions against Diabetes and Obesity. <i>Nutrients</i> , 2018, 10, 549.	1.7	47
32	Narrative Review of New Methods for Assessing Food and Energy Intake. <i>Nutrients</i> , 2018, 10, 1064.	1.7	36
33	Establishing a model for childhood obesity in adolescent pigs. <i>Obesity Science and Practice</i> , 2018, 4, 396-406.	1.0	2
34	Ascertaining cancer survivors in Ontario using the Ontario Cancer Registry and administrative data.. <i>Journal of Clinical Oncology</i> , 2018, 36, 34-34.	0.8	0
35	Early life antibiotic exposure affects pancreatic islet development and metabolic regulation. <i>Scientific Reports</i> , 2017, 7, 41778.	1.6	48
36	The impact of low and no-caloric sweeteners on glucose absorption, incretin secretion, and glucose tolerance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 793-801.	0.9	25

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37	Dietary Patterns and Cardiovascular Disease Risk in People with Type 2 Diabetes. <i>Current Obesity Reports</i> , 2017, 6, 405-413.	3.5	67
38	IKK $\beta$ inhibition prevents fat-induced beta cell dysfunction in vitro and in vivo in rodents. <i>Diabetologia</i> , 2017, 60, 2021-2032.	2.9	12
39	Proposed mechanisms of the effects of proanthocyanidins on glucose homeostasis. <i>Nutrition Reviews</i> , 2017, 75, 642-657.	2.6	27
40	Food sources of sodium, saturated fat, and added sugar in the Physical Activity and Nutrition for Diabetes in Alberta (PANDA) trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1270-1276.	0.9	6
41	Modifications in Retinal Mitochondrial Respiration Precede Type 2 Diabetes and Protracted Microvascular Retinopathy. , 2017, 58, 3826.		28
42	Dietary Pea Fiber Supplementation Improves Glycemia and Induces Changes in the Composition of Gut Microbiota, Serum Short Chain Fatty Acid Profile and Expression of Mucins in Glucose Intolerant Rats. <i>Nutrients</i> , 2017, 9, 1236.	1.7	53
43	Effectiveness of a Lifestyle Intervention in Patients with Type 2 Diabetes: The Physical Activity and Nutrition for Diabetes in Alberta (PANDA) Trial. <i>Healthcare (Switzerland)</i> , 2016, 4, 73.	1.0	17
44	Five stages of progressive $\beta$ -cell dysfunction in the laboratory Nile rat model of type 2 diabetes. <i>Journal of Endocrinology</i> , 2016, 229, 343-356.	1.2	28
45	Type 2 Diabetes is Prevented by Diet via Reduced Endoplasmic Reticulum Stress in Nile Rats: An Emerging Model for Type 2 Diabetes. <i>Canadian Journal of Diabetes</i> , 2016, 40, S60-S61.	0.4	1
46	Review of Dietary Practices of the 21st Century: Facts and Fallacies. <i>Canadian Journal of Diabetes</i> , 2016, 40, 348-354.	0.4	10
47	Trans-11 vaccenic acid improves insulin secretion in models of type 2 diabetes in vivo and in vitro. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 846-857.	1.5	26
48	Isoferulic acid prevents methylglyoxal-induced protein glycation and DNA damage by free radical scavenging activity. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 346.	3.7	32
49	The Reliability and Validity of the Perceived Dietary Adherence Questionnaire for People with Type 2 Diabetes. <i>Nutrients</i> , 2015, 7, 5484-5496.	1.7	44
50	n-3 polyunsaturated fatty acids and insulin secretion. <i>Journal of Endocrinology</i> , 2015, 224, R97-R106.	1.2	37
51	Hydrolysis enhances bioavailability of proanthocyanidin-derived metabolites and improves $\beta$ -cell function in glucose intolerant rats. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 850-859.	1.9	19
52	Cooking enhances beneficial effects of pea seed coat consumption on glucose tolerance, incretin, and pancreatic hormones in high-fat-diet-fed rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 323-333.	0.9	14
53	Improved glucose tolerance in insulin-resistant rats after pea hull feeding is associated with changes in lipid metabolism-targeted transcriptome. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 1112-1119.	0.9	5
54	Feasibility and Efficacy of Menu Planning Combined with Individual Counselling to Improve Health Outcomes and Dietary Adherence in People with Type 2 Diabetes: A Pilot Study. <i>Canadian Journal of Diabetes</i> , 2014, 38, 320-325.	0.4	13

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55	Characterizing severe obesity in children and youth referred for weight management. <i>BMC Pediatrics</i> , 2014, 14, 154.	0.7	15
56	Enhanced glucose homeostasis in BHE/cdb rats with mutated ATP synthase. <i>Mitochondrion</i> , 2013, 13, 320-329.	1.6	0
57	Acculturation, Dietary Acceptability, and Diabetes Management among Chinese in North America. <i>Frontiers in Endocrinology</i> , 2013, 4, 108.	1.5	29
58	Isoferulic Acid, a New Anti-Glycation Agent, Inhibits Fructose- and Glucose-Mediated Protein Glycation in Vitro. <i>Molecules</i> , 2013, 18, 6439-6454.	1.7	78
59	Collective knowledge: using a consensus conference approach to develop recommendations for physical activity and nutrition programs for persons with type 2 diabetes. <i>Frontiers in Endocrinology</i> , 2012, 3, 161.	1.5	6
60	Communicating Diabetes Best Practices to Clients. <i>Health Promotion Practice</i> , 2012, 13, 388-394.	0.9	10
61	Monitoring Adherence to the Canadian Diabetes Association Nutrition Therapy Guidelines Using the Perceived Dietary Adherence Questionnaire and a 3-Day Food Record. <i>Canadian Journal of Diabetes</i> , 2012, 36, S66.	0.4	1
62	Impairment of Proinsulin Processing in $\beta$ -Cells Exposed to Saturated Free Fatty Acid Is Dependent on Uncoupling Protein-2 Expression. <i>Canadian Journal of Diabetes</i> , 2012, 36, 228-236.	0.4	3
63	Assessment of the mechanisms exerting glucose-lowering effects of dried peas in glucose-intolerant rats. <i>British Journal of Nutrition</i> , 2012, 108, S91-S102.	1.2	10
64	Relationship of Diet Quality to Food Security and Nutrition Knowledge in Low-Income, Community-Dwelling Elders with Type 2 Diabetes Mellitus: A Pilot Study. <i>Canadian Journal of Diabetes</i> , 2012, 36, 310-313.	0.4	9
65	IL-6 Indirectly Modulates the Induction of Glyceroneogenic Enzymes in Adipose Tissue during Exercise. <i>PLoS ONE</i> , 2012, 7, e41719.	1.1	40
66	IL-6 Is Not Necessary for the Regulation of Adipose Tissue Mitochondrial Content. <i>PLoS ONE</i> , 2012, 7, e51233.	1.1	22
67	IL-6 Indirectly Modulates The Induction Of Glyceroneogenic Enzymes In Adipose Tissue During Exercise. <i>FASEB Journal</i> , 2012, 26, lb710.	0.2	0
68	Uncoupling protein-2 increases nitric oxide production and TNFAIP3 pathway activation in pancreatic islets. <i>Journal of Molecular Endocrinology</i> , 2011, 46, 193-204.	1.1	6
69	Reactive oxygen species and endothelial function in diabetes. <i>European Journal of Pharmacology</i> , 2010, 636, 8-17.	1.7	126
70	Daily steps are low year-round and dip lower in fall/winter: findings from a longitudinal diabetes cohort. <i>Cardiovascular Diabetology</i> , 2010, 9, 81.	2.7	50
71	Assessing the Effects of Weather Conditions on Physical Activity Participation Using Objective Measures. <i>International Journal of Environmental Research and Public Health</i> , 2009, 6, 2639-2654.	1.2	198
72	Effectiveness of the First Step Program Delivered by Professionals Versus Peers. <i>Journal of Physical Activity and Health</i> , 2009, 6, 456-462.	1.0	34

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73	Mutated ATP synthase induces oxidative stress and impaired insulin secretion in $\beta$ -cells of female BHE/cdb rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 392-403.	1.7	16
74	Limited Mitochondrial Permeabilization Is an Early Manifestation of Palmitate-induced Lipotoxicity in Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 7936-7948.	1.6	64
75	UCP2 is highly expressed in pancreatic $\beta$ -cells and influences secretion and survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12057-12062.	3.3	61
76	Ex vivo transcriptional profiling of human pancreatic islets following chronic exposure to monounsaturated fatty acids. <i>Journal of Endocrinology</i> , 2008, 196, 455-464.	1.2	40
77	Participant Experiences in a Workplace Pedometer-Based Physical Activity Program. <i>Journal of Physical Activity and Health</i> , 2008, 5, 675-687.	1.0	40
78	Real-World Evaluation of a Community-Based Pedometer Intervention. <i>Journal of Physical Activity and Health</i> , 2008, 5, 648-664.	1.0	18
79	BMI-Referenced Cut Points for Pedometer-Determined Steps per Day in Adults. <i>Journal of Physical Activity and Health</i> , 2008, 5, S126-S139.	1.0	71
80	Nutrigenomics, $\beta$ -Cell Function and Type 2 Diabetes. <i>Current Genomics</i> , 2007, 8, 29-42.	0.7	1
81	Expression of PPAR $\alpha$ modifies fatty acid effects on insulin secretion in uncoupling protein-2 knockout mice. <i>Nutrition and Metabolism</i> , 2007, 4, 6.	1.3	7
82	Walking behaviour and glycemic control in type 2 diabetes: seasonal and gender differences--study design and methods. <i>Cardiovascular Diabetology</i> , 2007, 6, 1.	2.7	64
83	Role of Uncoupling Protein 2 in Pancreatic $\beta$ Cell Function. <i>Oxidative Stress and Disease</i> , 2007, , 211-224.	0.3	0
84	Relationship between objective measures of physical activity and weather: a longitudinal study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2006, 3, 21.	2.0	147
85	Estrogen reduces the severity of autonomic dysfunction in spinal cord-injured male mice. <i>Behavioural Brain Research</i> , 2006, 171, 338-349.	1.2	24
86	An Exploratory Analysis of Adherence Patterns and Program Completion of a Pedometer-Based Physical Activity Intervention. <i>Journal of Physical Activity and Health</i> , 2006, 3, 210-220.	1.0	10
87	Regulation of insulin secretion by uncoupling protein. <i>Biochemical Society Transactions</i> , 2006, 34, 802-805.	1.6	38
88	Insulin resistance causes increased beta-cell mass but defective glucose-stimulated insulin secretion in a murine model of type 2 diabetes. <i>Diabetologia</i> , 2006, 49, 90-99.	2.9	61
89	$\alpha$ -Lipoic acid regulates AMP-activated protein kinase and inhibits insulin secretion from beta cells. <i>Diabetologia</i> , 2006, 49, 1587-1598.	2.9	67
90	Impact of uncoupling protein-2 overexpression on proinsulin processing. <i>Journal of Molecular Endocrinology</i> , 2006, 37, 517-526.	1.1	5

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91	Uncoupling Proteins: Role in Insulin Resistance and Insulin Insufficiency. <i>Current Diabetes Reviews</i> , 2006, 2, 271-283.	0.6	56
92	Endogenous islet uncoupling protein-2 expression and loss of glucose homeostasis in ob/ob mice. <i>Journal of Endocrinology</i> , 2006, 190, 659-667.	1.2	42
93	cAMP-mediated signaling normalizes glucose-stimulated insulin secretion in uncoupling protein-2 overexpressing $\beta$ -cells. <i>Journal of Endocrinology</i> , 2006, 190, 669-680.	1.2	25
94	The Neuronal Ca <sup>2+</sup> Sensor Protein Visinin-like Protein-1 Is Expressed in Pancreatic Islets and Regulates Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2006, 281, 21942-21953.	1.6	53
95	Use of pedometers to measure physical activity in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2005, 226, 2010-2015.	0.2	56
96	Glucose-regulated Glucagon Secretion Requires Insulin Receptor Expression in Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 33487-33496.	1.6	75
97	Transcriptional regulation of lipid metabolism by fatty acids: a key determinant of pancreatic beta-cell function. <i>Nutrition and Metabolism</i> , 2005, 2, 1.	1.3	79
98	ROLE of MITOCHONDRIA in TOXIC OXIDATIVE STRESS. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2005, 5, 94-111.	3.4	244
99	Uncoupling Protein 2 and Islet Function. <i>Diabetes</i> , 2004, 53, S136-S142.	0.3	147
100	The Characterization of Mitochondrial Permeability Transition in Clonal Pancreatic $\beta$ -Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 41368-41376.	1.6	25
101	Free Fatty Acid-induced $\beta$ -Cell Defects Are Dependent on Uncoupling Protein 2 Expression. <i>Journal of Biological Chemistry</i> , 2004, 279, 51049-51056.	1.6	179
102	Gene and Protein Kinase Expression Profiling of Reactive Oxygen Species-Associated Lipotoxicity in the Pancreatic $\beta$ -Cell Line MIN6. <i>Diabetes</i> , 2004, 53, 129-140.	0.3	88
103	Health benefits of a pedometer-based physical activity intervention in sedentary workers. <i>Preventive Medicine</i> , 2004, 39, 1215-1222.	1.6	276
104	Impact of Professional vs. Peer-Led Pedometer-based Program. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S242.	0.2	0
105	Cross-sectional Relationship of Pedometer-Determined Ambulatory Activity to Indicators of Health. <i>Obesity</i> , 2003, 11, 1563-1570.	4.0	109
106	Mitochondrial Functional State in Clonal Pancreatic $\beta$ -Cells Exposed to Free Fatty Acids. <i>Journal of Biological Chemistry</i> , 2003, 278, 19709-19715.	1.6	112
107	Inhibition of Kv2.1 Voltage-dependent K <sup>+</sup> Channels in Pancreatic $\beta$ -Cells Enhances Glucose-dependent Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2002, 277, 44938-44945.	1.6	161
108	Glucose-inducible hypertrophy and suppression of anion efflux in rat beta cells. <i>Journal of Endocrinology</i> , 2002, 173, 45-52.	1.2	9

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109	The effects of high-fat diet on exercise-induced changes in metabolic parameters in Zucker fa/fa rats. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 708-715.	1.5	31
110	Uncoupling protein-2: evidence for its function as a metabolic regulator. <i>Diabetologia</i> , 2002, 45, 174-187.	2.9	86
111	Uncoupling Protein 2 Knockout Mice Have Enhanced Insulin Secretory Capacity After a High-Fat Diet. <i>Diabetes</i> , 2002, 51, 3211-3219.	0.3	189
112	Endogenous regulation of insulin secretion by UCP2. <i>Clinical Laboratory</i> , 2002, 48, 599-604.	0.2	8
113	Uncoupling Protein-2 Negatively Regulates Insulin Secretion and Is a Major Link between Obesity, $\beta^2$ Cell Dysfunction, and Type 2 Diabetes. <i>Cell</i> , 2001, 105, 745-755.	13.5	867
114	Increased Uncoupling Protein-2 Levels in $\beta^2$ -cells Are Associated With Impaired Glucose-Stimulated Insulin Secretion. <i>Diabetes</i> , 2001, 50, 1302-1310.	0.3	318
115	Interactions between effects of adrenalectomy and diet on insulin secretion in fa/fa Zucker rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 1-7.	0.7	8
116	Interactions between effects of adrenalectomy and diet on insulin secretion in fa/fa Zucker rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001, 79, 1-7.	0.7	2
117	Beta-cell hypertrophy in fa/fa rats is associated with basal glucose hypersensitivity and reduced SNARE protein expression. <i>Diabetes</i> , 1999, 48, 997-1005.	0.3	63
118	Overexpression of uncoupling protein 2 inhibits glucose-stimulated insulin secretion from rat islets. <i>Diabetes</i> , 1999, 48, 1482-1486.	0.3	221
119	Glucose refractoriness of $\beta^2$ -cells from fed fa/fa rats is ameliorated by nonesterified fatty acids. <i>Canadian Journal of Physiology and Pharmacology</i> , 1999, 77, 934-942.	0.7	2
120	Glucose refractoriness of beta-cells from fed fa/fa rats is ameliorated by nonesterified fatty acids. <i>Canadian Journal of Physiology and Pharmacology</i> , 1999, 77, 934-42.	0.7	1
121	Ultrastructural and secretory heterogeneity of fa/fa (Zucker) rat islets. <i>Molecular and Cellular Endocrinology</i> , 1998, 136, 119-129.	1.6	16
122	Reduced sensitivity of fa/fa Zucker rats to adrenomedullin. <i>Canadian Journal of Physiology and Pharmacology</i> , 1997, 75, 1138-41.	0.7	1
123	KATP channel-dependent and -independent pathways of insulin secretion in isolated islets from fa/fa Zucker rats. <i>Biochemistry and Cell Biology</i> , 1996, 74, 403-410.	0.9	18
124	Use of genomic DNA probes for the diagnosis of acute sarcocystosis in experimentally infected cattle. <i>Veterinary Parasitology</i> , 1996, 62, 9-25.	0.7	3
125	Effect of adrenalectomy on the development of a pancreatic islet lesion in fa/fa rats. <i>Diabetologia</i> , 1996, 39, 190-198.	2.9	4
126	Modulation by glucose of insulin secretion and glucose phosphorylating activity in cultured pancreatic islets from obese (fa/fa) Zucker rats. , 1996, 20, 175-84.		3



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127	Increased glucose phosphorylating activity correlates with insulin secretory capacity of male JCR:LA-corpulent rat islets. Canadian Journal of Physiology and Pharmacology, 1995, 73, 501-508.	0.7	13
128	Identification of Biochemical Defects in Pancreatic Islets of fa/fa Rats: A Developmental Study. Obesity, 1995, 3, 171-178.	4.0	14
129	Î²-Cell stimulusâ€“secretion coupling defects in rodent models of obesity. Canadian Journal of Physiology and Pharmacology, 1995, 73, 1414-1424.	0.7	16
130	Evidence for defective glucose sensing by islets of fa/fa obese Zucker rats. Canadian Journal of Physiology and Pharmacology, 1993, 71, 34-39.	0.7	27
131	Glucokinase activity in isolated islets from obese fa/fa Zucker rats. Biochemical Journal, 1993, 295, 673-677.	1.7	12
132	Reduced sensitivity to dexamethasone of pancreatic islets from obese (fa/fa) rats. Canadian Journal of Physiology and Pharmacology, 1992, 70, 1518-1522.	0.7	6
133	Functional characterization of Î±-adrenoceptors on pancreatic islets of fa/fa Zucker rats. Molecular and Cellular Endocrinology, 1992, 84, 33-37.	1.6	9
134	Effect of somatostatin on intragastric pressure and smooth muscle contractility of the rainbow trout, Oncorhynchus mykiss Walbaum. Journal of Fish Biology, 1992, 40, 545-556.	0.7	12
135	Effect of pertussis toxin on islet insulin secretion in obese (fa/fa) Zucker rats. Molecular and Cellular Endocrinology, 1991, 75, 197-204.	1.6	16
136	Gastrin release in obese Zucker rats. Regulatory Peptides, 1989, 24, 131-141.	1.9	2
137	Pertussis toxin-sensitive cholinergic inhibition of somatostatin release from canine D-cells. American Journal of Physiology - Renal Physiology, 1988, 255, G424-G428.	1.6	4
138	Role of the Cholinergic Nervous System in Acid Secretion. Pharmacology, 1988, 37, 17-21.	0.9	6
139	The effect of total parenteral nutrition (TPN) on the enteroinsular axis in the rat. Regulatory Peptides, 1985, 10, 199-206.	1.9	7
140	Gastric inhibitory polypeptide and hyperinsulinemia in the Zucker (fa/fa) rat: a developmental study. , 1985, 9, 137-46.		5
141	Gastric Inhibitory Polypeptide (GIP) and Insulin Release in the Obese Zucker Rat. Diabetes, 1984, 33, 536-542.	0.3	40
142	Gastric inhibitory polypeptide (GIP) and insulin release in the obese Zucker rat. Diabetes, 1984, 33, 536-542.	0.3	13
143	The effect of massive small bowel resection (MSBR) and small intestinal bypass (IIB) in the rat on the enteroinsular axis. Regulatory Peptides, 1983, 7, 221-232.	1.9	9
144	Effect of jejunioileal bypass in the rat on the enteroinsular axis. Regulatory Peptides, 1982, 5, 53-63.	1.9	25