

Catherine B Chan

List of Publications by Year in descending order

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144
papers

6,201
citations

87888

38
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74163

75
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148
all docs

148
docs citations

148
times ranked

6981
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncoupling Protein-2 Negatively Regulates Insulin Secretion and Is a Major Link between Obesity, β^2 Cell Dysfunction, and Type 2 Diabetes. <i>Cell</i> , 2001, 105, 745-755.	28.9	867
2	Increased Uncoupling Protein-2 Levels in β^2 -cells Are Associated With Impaired Glucose-Stimulated Insulin Secretion. <i>Diabetes</i> , 2001, 50, 1302-1310.	0.6	318
3	Health benefits of a pedometer-based physical activity intervention in sedentary workers. <i>Preventive Medicine</i> , 2004, 39, 1215-1222.	3.4	276
4	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
5	Overexpression of uncoupling protein 2 inhibits glucose-stimulated insulin secretion from rat islets. <i>Diabetes</i> , 1999, 48, 1482-1486.	0.6	221
6	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.	2.6	198
7	Uncoupling Protein 2 Knockout Mice Have Enhanced Insulin Secretory Capacity After a High-Fat Diet. <i>Diabetes</i> , 2002, 51, 3211-3219.	0.6	189
8	Free Fatty Acid-induced β^2 -Cell Defects Are Dependent on Uncoupling Protein 2 Expression. <i>Journal of Biological Chemistry</i> , 2004, 279, 51049-51056.	3.4	179
9	Inhibition of Kv2.1 Voltage-dependent K ⁺ Channels in Pancreatic β^2 -Cells Enhances Glucose-dependent Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2002, 277, 44938-44945.	3.4	161
10	Uncoupling Protein 2 and Islet Function. <i>Diabetes</i> , 2004, 53, S136-S142.	0.6	147
11	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.	4.6	147
12	Reactive oxygen species and endothelial function in diabetes. <i>European Journal of Pharmacology</i> , 2010, 636, 8-17.	3.5	126
13	Nutrition Therapy. <i>Canadian Journal of Diabetes</i> , 2018, 42, S64-S79.	0.8	121
14	Mitochondrial Functional State in Clonal Pancreatic β^2 -Cells Exposed to Free Fatty Acids. <i>Journal of Biological Chemistry</i> , 2003, 278, 19709-19715.	3.4	112
15	Cross-sectional Relationship of Pedometer-Determined Ambulatory Activity to Indicators of Health. <i>Obesity</i> , 2003, 11, 1563-1570.	4.0	109
16	Gene and Protein Kinase Expression Profiling of Reactive Oxygen Species-Associated Lipotoxicity in the Pancreatic β^2 -Cell Line MIN6. <i>Diabetes</i> , 2004, 53, 129-140.	0.6	88
17	Uncoupling protein-2: evidence for its function as a metabolic regulator. <i>Diabetologia</i> , 2002, 45, 174-187.	6.3	86
18	Transcriptional regulation of lipid metabolism by fatty acids: a key determinant of pancreatic beta-cell function. <i>Nutrition and Metabolism</i> , 2005, 2, 1.	3.0	79

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19	Isoferulic Acid, a New Anti-Glycation Agent, Inhibits Fructose- and Glucose-Mediated Protein Glycation in Vitro. <i>Molecules</i> , 2013, 18, 6439-6454.	3.8	78
20	Glucose-regulated Glucagon Secretion Requires Insulin Receptor Expression in Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 33487-33496.	3.4	75
21	BMI-Referenced Cut Points for Pedometer-Determined Steps per Day in Adults. <i>Journal of Physical Activity and Health</i> , 2008, 5, S126-S139.	2.0	71
22	α -Lipoic acid regulates AMP-activated protein kinase and inhibits insulin secretion from beta cells. <i>Diabetologia</i> , 2006, 49, 1587-1598.	6.3	67
23	Dietary Patterns and Cardiovascular Disease Risk in People with Type 2 Diabetes. <i>Current Obesity Reports</i> , 2017, 6, 405-413.	8.4	67
24	Walking behaviour and glycemic control in type 2 diabetes: seasonal and gender differences--study design and methods. <i>Cardiovascular Diabetology</i> , 2007, 6, 1.	6.8	64
25	Limited Mitochondrial Permeabilization Is an Early Manifestation of Palmitate-induced Lipotoxicity in Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 7936-7948.	3.4	64
26	Beta-cell hypertrophy in <i>fa/fa</i> rats is associated with basal glucose hypersensitivity and reduced SNARE protein expression. <i>Diabetes</i> , 1999, 48, 997-1005.	0.6	63
27	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.	6.3	61
28	UCP2 is highly expressed in pancreatic β -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.	7.1	61
29	Use of pedometers to measure physical activity in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2005, 226, 2010-2015.	0.5	56
30	Uncoupling Proteins: Role in Insulin Resistance and Insulin Insufficiency. <i>Current Diabetes Reviews</i> , 2006, 2, 271-283.	1.3	56
31	The Neuronal Ca^{2+} 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.	3.4	53
32	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.	4.1	53
33	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.	6.8	50
34	Early life antibiotic exposure affects pancreatic islet development and metabolic regulation. <i>Scientific Reports</i> , 2017, 7, 41778.	3.3	48
35	Egg and Soy-Derived Peptides and Hydrolysates: A Review of Their Physiological Actions against Diabetes and Obesity. <i>Nutrients</i> , 2018, 10, 549.	4.1	47
36	The Reliability and Validity of the Perceived Dietary Adherence Questionnaire for People with Type 2 Diabetes. <i>Nutrients</i> , 2015, 7, 5484-5496.	4.1	44

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37	Endogenous islet uncoupling protein-2 expression and loss of glucose homeostasis in ob/ob mice. <i>Journal of Endocrinology</i> , 2006, 190, 659-667.	2.6	42
38	Barriers and Mitigating Strategies to Healthcare Access in Indigenous Communities of Canada: A Narrative Review. <i>Healthcare (Switzerland)</i> , 2020, 8, 112.	2.0	42
39	Gastric Inhibitory Polypeptide (GIP) and Insulin Release in the Obese Zucker Rat. <i>Diabetes</i> , 1984, 33, 536-542.	0.6	40
40	Ex vivo transcriptional profiling of human pancreatic islets following chronic exposure to monounsaturated fatty acids. <i>Journal of Endocrinology</i> , 2008, 196, 455-464.	2.6	40
41	Participant Experiences in a Workplace Pedometer-Based Physical Activity Program. <i>Journal of Physical Activity and Health</i> , 2008, 5, 675-687.	2.0	40
42	IL-6 Indirectly Modulates the Induction of Glyceroneogenic Enzymes in Adipose Tissue during Exercise. <i>PLoS ONE</i> , 2012, 7, e41719.	2.5	40
43	Regulation of insulin secretion by uncoupling protein. <i>Biochemical Society Transactions</i> , 2006, 34, 802-805.	3.4	38
44	n-3 polyunsaturated fatty acids and insulin secretion. <i>Journal of Endocrinology</i> , 2015, 224, R97-R106.	2.6	37
45	Narrative Review of New Methods for Assessing Food and Energy Intake. <i>Nutrients</i> , 2018, 10, 1064.	4.1	36
46	Egg White Ovotransferrin-Derived ACE Inhibitory Peptide Ameliorates Angiotensin II-Stimulated Insulin Resistance in Skeletal Muscle Cells. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700602.	3.3	35
47	Effectiveness of the First Step Program Delivered by Professionals Versus Peers. <i>Journal of Physical Activity and Health</i> , 2009, 6, 456-462.	2.0	34
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 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.	3.4	31
50	Acculturation, Dietary Acceptability, and Diabetes Management among Chinese in North America. <i>Frontiers in Endocrinology</i> , 2013, 4, 108.	3.5	29
51	Five stages of progressive β -cell dysfunction in the laboratory Nile rat model of type 2 diabetes. <i>Journal of Endocrinology</i> , 2016, 229, 343-356.	2.6	28
52	Modifications in Retinal Mitochondrial Respiration Precede Type 2 Diabetes and Protracted Microvascular Retinopathy. , 2017, 58, 3826.		28
53	Evidence for defective glucose sensing by islets of fa/fa obese Zucker rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 1993, 71, 34-39.	1.4	27
54	Proposed mechanisms of the effects of proanthocyanidins on glucose homeostasis. <i>Nutrition Reviews</i> , 2017, 75, 642-657.	5.8	27

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55	<i>Trans-11 vaccenic acid improves insulin secretion in models of type 2 diabetes in vivo and in vitro.</i> <i>Molecular Nutrition and Food Research</i> , 2016, 60, 846-857.	3.3	26
56	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.	6.1	26
57	Effect of jejunoileal bypass in the rat on the enteroinsular axis. <i>Regulatory Peptides</i> , 1982, 5, 53-63.	1.9	25
58	The Characterization of Mitochondrial Permeability Transition in Clonal Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 41368-41376.	3.4	25
59	cAMP-mediated signaling normalizes glucose-stimulated insulin secretion in uncoupling protein-2 overexpressing β -cells. <i>Journal of Endocrinology</i> , 2006, 190, 669-680.	2.6	25
60	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.	1.9	25
61	Estrogen reduces the severity of autonomic dysfunction in spinal cord-injured male mice. <i>Behavioural Brain Research</i> , 2006, 171, 338-349.	2.2	24
62	IL-6 Is Not Necessary for the Regulation of Adipose Tissue Mitochondrial Content. <i>PLoS ONE</i> , 2012, 7, e51233.	2.5	22
63	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.	2.3	20
64	Hydrolysis enhances bioavailability of proanthocyanidin-derived metabolites and improves β -cell function in glucose intolerant rats. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 850-859.	4.2	19
65	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.	2.0	18
66	Real-World Evaluation of a Community-Based Pedometer Intervention. <i>Journal of Physical Activity and Health</i> , 2008, 5, 648-664.	2.0	18
67	Isoferulic acid attenuates methylglyoxal-induced apoptosis in INS-1 rat pancreatic β -cell through mitochondrial survival pathways and increasing glyoxalase-1 activity. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 777-785.	5.6	18
68	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.	2.0	17
69	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.	4.2	17
70	Effect of pertussis toxin on islet insulin secretion in obese (fa/fa) Zucker rats. <i>Molecular and Cellular Endocrinology</i> , 1991, 75, 197-204.	3.2	16
71	β -Cell stimulus-secretion coupling defects in rodent models of obesity. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995, 73, 1414-1424.	1.4	16
72	Ultrastructural and secretory heterogeneity of fa/fa (Zucker) rat islets. <i>Molecular and Cellular Endocrinology</i> , 1998, 136, 119-129.	3.2	16

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73	Mutated ATP synthase induces oxidative stress and impaired insulin secretion in β cells of female BHE/cdb rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2008, 24, 392-403.	4.0	16
74	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.	0.8	16
75	Ingestion of isomalto-oligosaccharides stimulates insulin and incretin hormone secretion in healthy adults. <i>Journal of Functional Foods</i> , 2020, 65, 103730.	3.4	16
76	Characterizing severe obesity in children and youth referred for weight management. <i>BMC Pediatrics</i> , 2014, 14, 154.	1.7	15
77	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.	0.8	15
78	Identification of Biochemical Defects in Pancreatic Islets of fa/fa Rats: A Developmental Study. <i>Obesity</i> , 1995, 3, 171-178.	4.0	14
79	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.	1.9	14
80	Increased glucose phosphorylating activity correlates with insulin secretory capacity of male JCR:LA-corpulent rat islets. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995, 73, 501-508.	1.4	13
81	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.	0.8	13
82	Gastric inhibitory polypeptide (GIP) and insulin release in the obese Zucker rat. <i>Diabetes</i> , 1984, 33, 536-542.	0.6	13
83	Effect of somatostatin on intragastric pressure and smooth muscle contractility of the rainbow trout, <i>Oncorhynchus mykiss</i> Walbaum. <i>Journal of Fish Biology</i> , 1992, 40, 545-556.	1.6	12
84	Glucokinase activity in isolated islets from obese fa/fa Zucker rats. <i>Biochemical Journal</i> , 1993, 295, 673-677.	3.7	12
85	IKK β inhibition prevents fat-induced beta cell dysfunction in vitro and in vivo in rodents. <i>Diabetologia</i> , 2017, 60, 2021-2032.	6.3	12
86	Diet quality and risk factors for cardiovascular disease among South Asians in Alberta. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 886-893.	1.9	12
87	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.	2.0	10
88	Communicating Diabetes Best Practices to Clients. <i>Health Promotion Practice</i> , 2012, 13, 388-394.	1.6	10
89	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.	2.3	10
90	Review of Dietary Practices of the 21st Century: Facts and Fallacies. <i>Canadian Journal of Diabetes</i> , 2016, 40, 348-354.	0.8	10

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91	The effect of massive small bowel resection (MSBR) and small intestinal bypass (JIB) in the rat on the enteroinsular axis. <i>Regulatory Peptides</i> , 1983, 7, 221-232.	1.9	9
92	Functional characterization of $\hat{\pm}$ -adrenoceptors on pancreatic islets of fa/fa Zucker rats. <i>Molecular and Cellular Endocrinology</i> , 1992, 84, 33-37.	3.2	9
93	Glucose-inducible hypertrophy and suppression of anion efflux in rat beta cells. <i>Journal of Endocrinology</i> , 2002, 173, 45-52.	2.6	9
94	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.	0.8	9
95	Metformin Preserves $\hat{2}$ -Cell Compensation in Insulin Secretion and Mass Expansion in Prediabetic Nile Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 421.	4.1	9
96	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.	1.4	8
97	$\hat{2}$ -Cell compensation concomitant with adaptive endoplasmic reticulum stress and $\hat{2}$ -cell neogenesis in a diet-induced type 2 diabetes model. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1355-1366.	1.9	8
98	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.	2.5	8
99	Endogenous regulation of insulin secretion by UCP2. <i>Clinical Laboratory</i> , 2002, 48, 599-604.	0.5	8
100	The effect of total parenteral nutrition (TPN) on the enteroinsular axis in the rat. <i>Regulatory Peptides</i> , 1985, 10, 199-206.	1.9	7
101	Expression of PPAR $\hat{\pm}$ modifies fatty acid effects on insulin secretion in uncoupling protein-2 knockout mice. <i>Nutrition and Metabolism</i> , 2007, 4, 6.	3.0	7
102	Role of the Cholinergic Nervous System in Acid Secretion. <i>Pharmacology</i> , 1988, 37, 17-21.	2.2	6
103	Reduced sensitivity to dexamethasone of pancreatic islets from obese (fa/fa) rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992, 70, 1518-1522.	1.4	6
104	Uncoupling protein-2 increases nitric oxide production and TNFAIP3 pathway activation in pancreatic islets. <i>Journal of Molecular Endocrinology</i> , 2011, 46, 193-204.	2.5	6
105	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.	3.5	6
106	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.	1.9	6
107	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.	4.2	6
108	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.	3.9	6

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109	Impact of uncoupling protein-2 overexpression on proinsulin processing. <i>Journal of Molecular Endocrinology</i> , 2006, 37, 517-526.	2.5	5
110	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.	1.9	5
111	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.	3.4	5
112	Nutrition Interventions for Type 2 Diabetes in Chinese Populations: A Scoping Review. <i>Journal of Immigrant and Minority Health</i> , 2019, 21, 1416-1431.	1.6	5
113	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.	1.9	5
114	Gastric inhibitory polypeptide and hyperinsulinemia in the Zucker (fa/fa) rat: a developmental study. , 1985, 9, 137-46.		5
115	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.	1.9	5
116	Pertussis toxin-sensitive cholinergic inhibition of somatostatin release from canine D-cells. <i>American Journal of Physiology - Renal Physiology</i> , 1988, 255, G424-G428.	3.4	4
117	Effect of adrenalectomy on the development of a pancreatic islet lesion in fa/fa rats. <i>Diabetologia</i> , 1996, 39, 190-198.	6.3	4
118	Harnessing Stakeholder Perspectives and Experience to Address Nutrition Risk in Community-Dwelling Older Adults. <i>Healthcare (Switzerland)</i> , 2021, 9, 477.	2.0	4
119	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.	4.1	4
120	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.	3.2	4
121	Use of genomic DNA probes for the diagnosis of acute sarcocystosis in experimentally infected cattle. <i>Veterinary Parasitology</i> , 1996, 62, 9-25.	1.8	3
122	Impairment of Proinsulin Processing in Î²-Cells Exposed to Saturated Free Fatty Acid Is Dependent on Uncoupling Protein-2 Expression. <i>Canadian Journal of Diabetes</i> , 2012, 36, 228-236.	0.8	3
123	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
124	Gastrin release in obese Zucker rats. <i>Regulatory Peptides</i> , 1989, 24, 131-141.	1.9	2
125	Glucose refractoriness of Î²-cells from fed fa/fa rats is ameliorated by nonesterified fatty acids. <i>Canadian Journal of Physiology and Pharmacology</i> , 1999, 77, 934-942.	1.4	2
126	Establishing a model for childhood obesity in adolescent pigs. <i>Obesity Science and Practice</i> , 2018, 4, 396-406.	1.9	2

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127	Diabetes, Obesity and Nutrition Strategic Clinical Network. Cmaj, 2019, 191, S17-S18.	2.0	2
128	A Mixed Methods Evaluation of a Randomized Control Trial to Evaluate the Effectiveness of the Pure Prairie Living Program in Type 2 Diabetes Participants. Healthcare (Switzerland), 2020, 8, 153.	2.0	2
129	Contextually Appropriate Tools and Solutions to Facilitate Healthy Eating Identified by People with Type 2 Diabetes. Nutrients, 2021, 13, 2301.	4.1	2
130	Interactions between effects of adrenalectomy and diet on insulin secretion in <i>fa/fa</i> Zucker rats. Canadian Journal of Physiology and Pharmacology, 2001, 79, 1-7.	1.4	2
131	Defining modifiable barriers to uptake of dietary recommendations in Chinese immigrants with type 2 diabetes: a qualitative study. Facets, 2019, 4, 551-565.	2.4	2
132	Nutrigenomics, β-Cell Function and Type 2 Diabetes. Current Genomics, 2007, 8, 29-42.	1.6	1
133	Monitoring Adherence to the Canadian Diabetes Association Nutrition Therapy Guidelines Using the Perceived Dietary Adherence Questionnaire and a 3-Day Food Record. Canadian Journal of Diabetes, 2012, 36, S66.	0.8	1
134	Type 2 Diabetes is Prevented by Diet via Reduced Endoplasmic Reticulum Stress in Nile Rats: An Emerging Model for Type 2 Diabetes. Canadian Journal of Diabetes, 2016, 40, S60-S61.	0.8	1
135	Transient antibiotic-induced changes in the neonatal swine intestinal microbiota impact islet expression profiles reducing subsequent function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R303-R316.	1.8	1
136	Reduced sensitivity of <i>fa/fa</i> Zucker rats to adrenomedullin. Canadian Journal of Physiology and Pharmacology, 1997, 75, 1138-41.	1.4	1
137	Glucose refractoriness of beta-cells from fed <i>fa/fa</i> rats is ameliorated by nonesterified fatty acids. Canadian Journal of Physiology and Pharmacology, 1999, 77, 934-42.	1.4	1
138	Effectiveness and Acceptability of a Nutrition Intervention Targeting Chinese Adult Immigrants With Type 2 Diabetes in Canada: A Study Using Mixed-Methods Analysis. Canadian Journal of Diabetes, 2022, 46, 699-707.	0.8	1
139	Enhanced glucose homeostasis in BHE/cdb rats with mutated ATP synthase. Mitochondrion, 2013, 13, 320-329.	3.4	0
140	A Subsidized Healthy Food Prescription Program for Adults With Type 2 Diabetes Who Are Experiencing Food Insecurity: Protocol for a Randomized Controlled Trial. Current Developments in Nutrition, 2021, 5, 1272.	0.3	0
141	Impact of Professional vs. Peer-Led Pedometer-based Program. Medicine and Science in Sports and Exercise, 2004, 36, S242.	0.4	0
142	Role of Uncoupling Protein 2 in Pancreatic β Cell Function. Oxidative Stress and Disease, 2007, , 211-224.	0.3	0
143	IL-6 Indirectly Modulates The Induction Of Glyceroneogenic Enzymes In Adipose Tissue During Exercise. FASEB Journal, 2012, 26, 1b710.	0.5	0
144	Ascertaining cancer survivors in Ontario using the Ontario Cancer Registry and administrative data.. Journal of Clinical Oncology, 2018, 36, 34-34.	1.6	0