

Michael C Riddell

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.

187
papers

6,393
citations

44
h-index

75
g-index

203
ext. papers

7,740
ext. citations

5
avg, IF

6.07
L-index

#	Paper	IF	Citations
187	Physical Activity/Exercise and Diabetes: A Position Statement of the American Diabetes Association. <i>Diabetes Care</i> , 2016 , 39, 2065-2079	14.6	1050
186	Exercise management in type 1 diabetes: a consensus statement. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 377-390	18.1	391
185	The effects of glucocorticoids on adipose tissue lipid metabolism. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 1500-10	12.7	320
184	Adipogenic and lipolytic effects of chronic glucocorticoid exposure. <i>American Journal of Physiology - Cell Physiology</i> , 2011 , 300, C198-209	5.4	158
183	Resistance versus aerobic exercise: acute effects on glycemia in type 1 diabetes. <i>Diabetes Care</i> , 2013 , 36, 537-42	14.6	133
182	Effects of performing resistance exercise before versus after aerobic exercise on glycemia in type 1 diabetes. <i>Diabetes Care</i> , 2012 , 35, 669-75	14.6	114
181	Effect of voluntary wheel running on circadian corticosterone release and on HPA axis responsiveness to restraint stress in Sprague-Dawley rats. <i>Journal of Applied Physiology</i> , 2006 , 100, 1867-75	3.7	110
180	Physical activity and diabetes. <i>Canadian Journal of Diabetes</i> , 2013 , 37 Suppl 1, S40-4	2.1	98
179	Physical activity, sport, and pediatric diabetes. <i>Pediatric Diabetes</i> , 2006 , 7, 60-70	3.6	98
178	Effects of type 1 diabetes mellitus on skeletal muscle: clinical observations and physiological mechanisms. <i>Pediatric Diabetes</i> , 2011 , 12, 345-64	3.6	93
177	Preventing exercise-induced hypoglycemia in type 1 diabetes using real-time continuous glucose monitoring and a new carbohydrate intake algorithm: an observational field study. <i>Diabetes Technology and Therapeutics</i> , 2011 , 13, 819-25	8.1	91
176	ISPAD Clinical Practice Consensus Guidelines 2018: Exercise in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 205-226	3.6	89
175	Oxidation rate of exogenous carbohydrate during exercise is higher in boys than in men. <i>Journal of Applied Physiology</i> , 2003 , 94, 278-84	3.7	87
174	Type 1 Diabetes and Vigorous Exercise: Applications of Exercise Physiology to Patient Management. <i>Canadian Journal of Diabetes</i> , 2006 , 30, 63-71	2.1	86
173	Exercise and type 1 diabetes (T1DM). <i>Comprehensive Physiology</i> , 2013 , 3, 1309-36	7.7	81
172	Exercise and glucose metabolism in persons with diabetes mellitus: perspectives on the role for continuous glucose monitoring. <i>Journal of Diabetes Science and Technology</i> , 2009 , 3, 914-23	4.1	81
171	Exercise in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2009 , 10 Suppl 12, 154-68	3.6	80

170	Efficacy of continuous real-time blood glucose monitoring during and after prolonged high-intensity cycling exercise: spinning with a continuous glucose monitoring system. <i>Diabetes Technology and Therapeutics</i> , 2006 , 8, 627-35	8.1	70
169	Physical Activity and Diabetes. <i>Canadian Journal of Diabetes</i> , 2018 , 42 Suppl 1, S54-S63	2.1	69
168	The endocrine response and substrate utilization during exercise in children and adolescents. <i>Journal of Applied Physiology</i> , 2008 , 105, 725-33	3.7	67
167	Exercise and the Development of the Artificial Pancreas: One of the More Difficult Series of Hurdles. <i>Journal of Diabetes Science and Technology</i> , 2015 , 9, 1217-26	4.1	65
166	ISPAD Clinical Practice Consensus Guidelines 2014. Exercise in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2014 , 15 Suppl 20, 203-23	3.6	64
165	Accuracy of Wrist-Worn Activity Monitors During Common Daily Physical Activities and Types of Structured Exercise: Evaluation Study. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e10338	5.5	64
164	Consensus report of the coalition for clinical research-self-monitoring of blood glucose. <i>Journal of Diabetes Science and Technology</i> , 2008 , 2, 1030-53	4.1	61
163	Substrate utilization during exercise performed with and without glucose ingestion in female and male endurance trained athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2003 , 13, 407-21	4.4	61
162	A rodent model of rapid-onset diabetes induced by glucocorticoids and high-fat feeding. <i>DMM Disease Models and Mechanisms</i> , 2012 , 5, 671-80	4.1	59
161	Consumption of a high-fat diet rapidly exacerbates the development of fatty liver disease that occurs with chronically elevated glucocorticoids. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, G850-63	5.1	59
160	Glucose ingestion matched with total carbohydrate utilization attenuates hypoglycemia during exercise in adolescents with IDDM. <i>International Journal of Sport Nutrition</i> , 1999 , 9, 24-34		57
159	Fat oxidation rate and the exercise intensity that elicits maximal fat oxidation decreases with pubertal status in young male subjects. <i>Journal of Applied Physiology</i> , 2008 , 105, 742-8	3.7	56
158	Attenuation of type 2 diabetes mellitus in the male Zucker diabetic fatty rat: the effects of stress and non-volitional exercise. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 732-44	12.7	56
157	Insulin pump therapy is associated with less post-exercise hyperglycemia than multiple daily injections: an observational study of physically active type 1 diabetes patients. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15, 84-8	8.1	52
156	Relation of physical activity to cardiovascular disease mortality and the influence of cardiometabolic risk factors. <i>American Journal of Cardiology</i> , 2011 , 108, 1426-31	3	52
155	Effects of glucocorticoids and exercise on pancreatic β cell function and diabetes development. <i>Diabetes/Metabolism Research and Reviews</i> , 2012 , 28, 560-73	7.5	50
154	Diabetic myopathy differs between Ins2Akita+/- and streptozotocin-induced Type 1 diabetic models. <i>Journal of Applied Physiology</i> , 2009 , 106, 1650-9	3.7	50
153	Current perspectives on physical activity and exercise for youth with diabetes. <i>Pediatric Diabetes</i> , 2015 , 16, 242-55	3.6	48

152	Lag Time Remains with Newer Real-Time Continuous Glucose Monitoring Technology During Aerobic Exercise in Adults Living with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, 313-321	8.1	47
151	Changes in basal hypothalamo-pituitary-adrenal activity during exercise training are centrally mediated. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R1360-71	3.2	47
150	Swim training prevents hyperglycemia in ZDF rats: mechanisms involved in the partial maintenance of beta-cell function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E271-83 ⁶		46
149	Inhibition of plasminogen activator inhibitor-1 restores skeletal muscle regeneration in untreated type 1 diabetic mice. <i>Diabetes</i> , 2011 , 60, 1964-72	0.9	45
148	The role of physical activity in type 2 diabetes prevention: physiological and practical perspectives. <i>Physician and Sportsmedicine</i> , 2010 , 38, 72-82	2.4	45
147	Influence of age and pubertal status on substrate utilization during exercise with and without carbohydrate intake in healthy boys. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 416-25	3	45
146	Voluntary wheel running initially increases adrenal sensitivity to adrenocorticotrophic hormone, which is attenuated with long-term training. <i>Journal of Applied Physiology</i> , 2009 , 106, 66-72	3.7	44
145	Energy substrate utilization during prolonged exercise with and without carbohydrate intake in preadolescent and adolescent girls. <i>Journal of Applied Physiology</i> , 2007 , 103, 995-1000	3.7	44
144	Type 1 Diabetes and Exercise: Using the Insulin Pump to Maximum Advantage. <i>Canadian Journal of Diabetes</i> , 2006 , 30, 72-79	2.1	44
143	The Effects of Basal Insulin Suspension at the Start of Exercise on Blood Glucose Levels During Continuous Versus Circuit-Based Exercise in Individuals with Type 1 Diabetes on Continuous Subcutaneous Insulin Infusion. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 370-378	8.1	43
142	Improved Open-Loop Glucose Control With Basal Insulin Reduction 90 Minutes Before Aerobic Exercise in Patients With Type 1 Diabetes on Continuous Subcutaneous Insulin Infusion. <i>Diabetes Care</i> , 2019 , 42, 824-831	14.6	43
141	Circulating adiponectin and adiponectin receptor expression in skeletal muscle: effects of exercise. <i>Diabetes/Metabolism Research and Reviews</i> , 2007 , 23, 600-11	7.5	43
140	Regular exercise prevents the development of hyperglucocorticoidemia via adaptations in the brain and adrenal glands in male Zucker diabetic fatty rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R168-76	3.2	42
139	Mini-Dose Glucagon as a Novel Approach to Prevent Exercise-Induced Hypoglycemia in Type 1 Diabetes. <i>Diabetes Care</i> , 2018 , 41, 1909-1916	14.6	41
138	Point accuracy of interstitial continuous glucose monitoring during exercise in type 1 diabetes. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15, 46-9	8.1	40
137	Clinical management of the physically active patient with type 1 diabetes. <i>Physician and Sportsmedicine</i> , 2011 , 39, 64-77	2.4	39
136	Classification of Physical Activity: Information to Artificial Pancreas Control Systems in Real Time. <i>Journal of Diabetes Science and Technology</i> , 2015 , 9, 1200-7	4.1	38
135	Impaired macrophage and satellite cell infiltration occurs in a muscle-specific fashion following injury in diabetic skeletal muscle. <i>PLoS ONE</i> , 2013 , 8, e70971	3.7	38

134	Evidence-based risk assessment and recommendations for physical activity clearance: diabetes mellitus and related comorbidities. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36 Suppl 1, S154-89	3.9	37
133	Effect of voluntary exercise on peripheral tissue glucocorticoid receptor content and the expression and activity of 11beta-HSD1 in the Syrian hamster. <i>Journal of Applied Physiology</i> , 2006 , 100, 1483-8	3.7	37
132	Optimal Insulin Correction Factor in Post-High-Intensity Exercise Hyperglycemia in Adults With Type 1 Diabetes: The FIT Study. <i>Diabetes Care</i> , 2019 , 42, 10-16	14.6	37
131	Somatostatin receptor type 2 antagonism improves glucagon counterregulation in biobreeding diabetic rats. <i>Diabetes</i> , 2013 , 62, 2968-77	0.9	36
130	Inhibition of proliferation, migration and proteolysis contribute to corticosterone-mediated inhibition of angiogenesis. <i>PLoS ONE</i> , 2012 , 7, e46625	3.7	36
129	Endurance exercise training increases adipose tissue glucocorticoid exposure: adaptations that facilitate lipolysis. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 651-60	12.7	35
128	National athletic trainers association position statement: management of the athlete with type 1 diabetes mellitus. <i>Journal of Athletic Training</i> , 2007 , 42, 536-45	4	35
127	Streptozotocin induces G2 arrest in skeletal muscle myoblasts and impairs muscle growth in vivo. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 292, C1033-40	5.4	34
126	Resistance exercise in type 1 diabetes. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 420-6	2.1	31
125	Exercise in children and adolescents with diabetes. <i>Pediatric Diabetes</i> , 2008 , 9, 65-77	3.6	30
124	Glucose management for exercise using continuous glucose monitoring (CGM) and intermittently scanned CGM (isCGM) systems in type 1 diabetes: position statement of the European Association for the Study of Diabetes (EASD) and of the International Society for Pediatric and Adolescent Diabetes (ISPAD) endorsed by IDRF and supported by the American Diabetes Association (ADA).	10.3	30
123	Exercise maintains euglycemia in association with decreased activation of c-Jun NH2-terminal kinase and serine phosphorylation of IRS-1 in the liver of ZDF rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E671-82	6	29
122	Blood glucose levels and performance in a sports camp for adolescents with type 1 diabetes mellitus: a field study. <i>International Journal of Pediatrics (United Kingdom)</i> , 2010 , 2010,	2.1	28
121	Exogenous glucocorticoids and a high-fat diet cause severe hyperglycemia and hyperinsulinemia and limit islet glucose responsiveness in young male Sprague-Dawley rats. <i>Endocrinology</i> , 2013 , 154, 3197-208	4.8	27
120	Prevention of exercise-associated dysglycemia: a case study-based approach. <i>Diabetes Spectrum</i> , 2015 , 28, 55-62	1.9	26
119	Amelioration of hypoglycemia via somatostatin receptor type 2 antagonism in recurrently hypoglycemic diabetic rats. <i>Diabetes</i> , 2013 , 62, 2215-22	0.9	26
118	Individual glucose responses to prolonged moderate intensity aerobic exercise in adolescents with type 1 diabetes: The higher they start, the harder they fall. <i>Pediatric Diabetes</i> , 2019 , 20, 99-106	3.6	26
117	The joint association of physical activity, blood-pressure control, and pharmacologic treatment of hypertension for all-cause mortality risk. <i>American Journal of Hypertension</i> , 2013 , 26, 1005-10	2.3	25

116	The competitive athlete with type 1 diabetes. <i>Diabetologia</i> , 2020 , 63, 1475-1490	10.3	23
115	High Rates of Nocturnal Hypoglycemia in a Unique Sports Camp for Athletes with Type 1 Diabetes: Lessons Learned from Continuous Glucose Monitoring Systems. <i>Canadian Journal of Diabetes</i> , 2008 , 32, 182-189	2.1	23
114	Carbohydrate Restriction in Type 1 Diabetes: A Realistic Therapy for Improved Glycaemic Control and Athletic Performance?. <i>Nutrients</i> , 2019 , 11,	6.7	21
113	Effects of selective and non-selective glucocorticoid receptor II antagonists on rapid-onset diabetes in young rats. <i>PLoS ONE</i> , 2014 , 9, e91248	3.7	21
112	Glucose management for exercise using continuous glucose monitoring (CGM) and intermittently scanned CGM (isCGM) systems in type 1 diabetes: position statement of the European Association for the Study of Diabetes (EASD) and of the International Society for Pediatric and Adolescent Diabetes (ISPAD) endorsed by IDPF and supported by the American Diabetes Association (ADA)	3.6	21
111	Recurrent intermittent restraint delays fed and fasting hyperglycemia and improves glucose return to baseline levels during glucose tolerance tests in the Zucker diabetic fatty rat--role of food intake and corticosterone. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 1065-75	12.7	20
110	Perceived exertion with glucose ingestion in adolescent males with IDDM. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 167-73	1.2	20
109	The "ups" and "downs" of a bike race in people with type 1 diabetes: dramatic differences in strategies and blood glucose responses in the Paris-to-Ancaster Spring Classic. <i>Canadian Journal of Diabetes</i> , 2015 , 39, 105-10	2.1	18
108	All-cause and cardiovascular mortality risk in U.S. adults with and without type 2 diabetes: Influence of physical activity, pharmacological treatment and glycemic control. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 311-5	3.2	18
107	Impaired growth and force production in skeletal muscles of young partially pancreatectomized rats: a model of adolescent type 1 diabetic myopathy?. <i>PLoS ONE</i> , 2010 , 5, e14032	3.7	18
106	Aerobic Exercise Training Modalities and Prediabetes Risk Reduction. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 403-412	1.2	17
105	Effects of insulin treatment without and with recurrent hypoglycemia on hypoglycemic counterregulation and adrenal catecholamine-synthesizing enzymes in diabetic rats. <i>Endocrinology</i> , 2006 , 147, 1860-70	4.8	17
104	Glucose Control During Physical Activity and Exercise Using Closed Loop Technology in Adults and Adolescents with Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2020 , 44, 740-749	2.1	16
103	Performing resistance exercise before versus after aerobic exercise influences growth hormone secretion in type 1 diabetes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 262-5	3	16
102	Partial leptin restoration increases hypothalamic-pituitary-adrenal activity while diminishing weight loss and hyperphagia in streptozotocin diabetic rats. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 1558-64	12.7	16
101	Accuracy of the Dexcom G6 Glucose Sensor during Aerobic, Resistance, and Interval Exercise in Adults with Type 1 Diabetes. <i>Biosensors</i> , 2020 , 10,	5.9	16
100	The Metabolic Implications of Glucocorticoids in a High-Fat Diet Setting and the Counter-Effects of Exercise. <i>Metabolites</i> , 2016 , 6,	5.6	16
99	Time Lag and Accuracy of Continuous Glucose Monitoring During High Intensity Interval Training in Adults with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, 286-294	8.1	15

98	A Pilot Study Validating Select Research-Grade and Consumer-Based Wearables Throughout a Range of Dynamic Exercise Intensities in Persons With and Without Type 1 Diabetes: A Novel Approach. <i>Journal of Diabetes Science and Technology</i> , 2018 , 12, 569-576	4.1	15
97	Diabetes, trekking and high altitude: recognizing and preparing for the risks. <i>Diabetic Medicine</i> , 2015 , 32, 1425-37	3.5	15
96	Reproducibility in the cardiometabolic responses to high-intensity interval exercise in adults with type 1 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2019 , 148, 137-143	7.4	15
95	The association between frequency of physical activity and mortality risk across the adult age span. <i>Journal of Aging and Health</i> , 2013 , 25, 803-14	2.6	14
94	Metabolic effects of voluntary wheel running in young and old Syrian golden hamsters. <i>Physiology and Behavior</i> , 2006 , 87, 360-7	3.5	14
93	Physical activity in type 1 diabetes mellitus: assessing risks for physical activity clearance and prescription. <i>Canadian Family Physician</i> , 2012 , 58, 533-5	0.9	14
92	Caffeine and glucose homeostasis during rest and exercise in diabetes mellitus. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 813-22	3	13
91	Insulin Management Strategies for Exercise in Diabetes. <i>Canadian Journal of Diabetes</i> , 2017 , 41, 507-516	2.1	13
90	Effects of acute caffeine supplementation on reducing exercise-associated hypoglycaemia in individuals with Type 1 diabetes mellitus. <i>Diabetic Medicine</i> , 2016 , 33, 488-96	3.5	12
89	The effects of voluntary exercise and prazosin on capillary rarefaction and metabolism in streptozotocin-induced diabetic male rats. <i>Journal of Applied Physiology</i> , 2017 , 122, 492-502	3.7	12
88	Use of apps for physical activity in type 1 diabetes: current status and requirements for future development. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2019 , 10, 2042018819839298	4.5	12
87	Adaptation to intermittent stress promotes maintenance of beta-cell compensation: comparison with food restriction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 295, E947-58 ⁶		12
86	Voluntary physical activity abolishes the proliferative tumor growth microenvironment created by adipose tissue in animals fed a high fat diet. <i>Journal of Applied Physiology</i> , 2016 , 121, 139-53	3.7	12
85	Carbohydrate intake reduces fat oxidation during exercise in obese boys. <i>European Journal of Applied Physiology</i> , 2011 , 111, 3135-41	3.4	11
84	Voluntary exercise improves metabolic profile in high-fat fed glucocorticoid-treated rats. <i>Journal of Applied Physiology</i> , 2015 , 118, 1331-43	3.7	10
83	Identifying persons at risk for developing type 2 diabetes in a concentrated population of high risk ethnicities in Canada using a risk assessment questionnaire and point-of-care capillary blood HbA1c measurement. <i>BMC Public Health</i> , 2014 , 14, 929	4.1	10
82	Sex-Related Differences in Blood Glucose Responses to Resistance Exercise in Adults With Type 1 Diabetes: A Secondary Data Analysis. <i>Canadian Journal of Diabetes</i> , 2020 , 44, 267-273.e1	2.1	10
81	No Disadvantage to Insulin Pump Off vs Pump On During Intermittent High-Intensity Exercise in Adults With Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2020 , 44, 162-168	2.1	10

80	Evaluation of Factors Related to Glycemic Management in Professional Cyclists With Type 1 Diabetes Over a 7-Day Stage Race. <i>Diabetes Care</i> , 2020 , 43, 1142-1145	14.6	9
79	Amino acid-induced impairment of insulin sensitivity in healthy and obese rats is reversible. <i>Physiological Reports</i> , 2014 , 2, e12067	2.6	9
78	Advances in exercise, physical activity, and diabetes mellitus. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15 Suppl 1, S96-106	8.1	9
77	Glucocorticoid antagonism limits adiposity rebound and glucose intolerance in young male rats following the cessation of daily exercise and caloric restriction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E56-68	6	9
76	Glucagon responses to exercise-induced hypoglycaemia are improved by somatostatin receptor type 2 antagonism in a rat model of diabetes. <i>Diabetologia</i> , 2016 , 59, 1724-31	10.3	9
75	Lifestyle intervention: nutrition therapy and physical activity. <i>Medical Clinics of North America</i> , 2015 , 99, 69-85	7	8
74	Curcumin limits weight gain, adipose tissue growth, and glucose intolerance following the cessation of exercise and caloric restriction in rats. <i>Journal of Applied Physiology</i> , 2017 , 123, 1625-1634	3.7	8
73	Open-source automated insulin delivery: international consensus statement and practical guidance for health-care professionals. <i>Lancet Diabetes and Endocrinology</i> , 2021 ,	18.1	8
72	Flexible insulin therapy with a hybrid regimen of insulin degludec and continuous subcutaneous insulin infusion with pump suspension before exercise in physically active adults with type 1 diabetes (FIT Untethered): a single-centre, open-label, proof-of-concept, randomised crossover trial. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 511-523	18.1	8
71	Post-exercise recovery for the endurance athlete with type 1 diabetes: a consensus statement. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 304-317	18.1	8
70	The Accuracy of Continuous Glucose Monitoring and Flash Glucose Monitoring During Aerobic Exercise in Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2019 , 13, 140-141	4.1	8
69	The Prediabetes Detection and Physical Activity Intervention Delivery (PRE-PAID) program. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 415-9	2.1	7
68	Resistance Exercise in Already-Active Diabetic Individuals (READI): study rationale, design and methods for a randomized controlled trial of resistance and aerobic exercise in type 1 diabetes. <i>Contemporary Clinical Trials</i> , 2015 , 41, 129-38	2.3	7
67	Prazosin Can Prevent Glucocorticoid Mediated Capillary Rarefaction. <i>PLoS ONE</i> , 2016 , 11, e0166899	3.7	7
66	The Enhancement of Muscle Insulin Sensitivity After Exercise: A Rac1-Independent Handoff to Some Other Player?. <i>Endocrinology</i> , 2016 , 157, 2999-3001	4.8	7
65	Hyperglycaemia correlates with skeletal muscle capillary regression and is associated with alterations in the murine double minute-2/forkhead box O1/thrombospondin-1 pathway in type 1 diabetic BioBreeding rats. <i>Diabetes and Vascular Disease Research</i> , 2019 , 16, 28-37	3.3	7
64	Glycemic responses to strenuous training in male professional cyclists with type 1 diabetes: a prospective observational study. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	7
63	Diabetes Technology and Exercise. <i>Endocrinology and Metabolism Clinics of North America</i> , 2020 , 49, 109-125	13.5	6

62	Advances in Exercise, Physical Activity, and Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, S112-S122	8.1	6
61	Transendothelial movement of adiponectin is restricted by glucocorticoids. <i>Journal of Endocrinology</i> , 2017 , 234, 101-114	4.7	5
60	A Randomized Crossover Trial Comparing Glucose Control During Moderate-Intensity, High-Intensity, and Resistance Exercise With Hybrid Closed-Loop Insulin Delivery While Profiling Potential Additional Signals in Adults With Type 1 Diabetes. <i>Diabetes Care</i> , 2021 ,	14.6	5
59	Carbohydrate Requirements for Prolonged, Fasted Exercise With and Without Basal Rate Reductions in Adults With Type 1 Diabetes on Continuous Subcutaneous Insulin Infusion. <i>Diabetes Care</i> , 2021 , 44, 610-613	14.6	5
58	More Time in Glucose Range During Exercise Days than Sedentary Days in Adults Living with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 376-383	8.1	5
57	Advances in Exercise, Physical Activity, and Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, S94-S104	8.1	4
56	The superoxide dismutase mimetic tempol does not alleviate glucocorticoid-mediated rarefaction of rat skeletal muscle capillaries. <i>Physiological Reports</i> , 2017 , 5, e13243	2.6	4
55	Validity and reliability of a novel metabolic flexibility test in children with obesity. <i>Journal of Applied Physiology</i> , 2018 , 124, 1062-1070	3.7	4
54	The direct and indirect effects of corticosterone and primary adipose tissue on MCF7 breast cancer cell cycle progression. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2015 , 22, 91-100	1.3	4
53	Advances in exercise, physical activity and diabetes mellitus. <i>International Journal of Clinical Practice</i> , 2012 , 66, 62-71	2.9	4
52	Prediabetes and type 2 diabetes mellitus: assessing risks for physical activity clearance and prescription. <i>Canadian Family Physician</i> , 2012 , 58, 280-4	0.9	4
51	66-LB: Greater Time Spent in Hypoglycemia during Night Compared with Day during Intensified Training in Professional Cyclists with Type 1 Diabetes: A Prospective Observational Study. <i>Diabetes</i> , 2019 , 68, 66-LB	0.9	4
50	Separating insulin-mediated and non-insulin-mediated glucose uptake during and after aerobic exercise in type 1 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E425-E437	6	4
49	No difference in exogenous carbohydrate oxidation during exercise in children with and without impaired glucose tolerance. <i>Journal of Applied Physiology</i> , 2016 , 121, 724-9	3.7	4
48	Exercise and physical activity in patients with type 1 diabetes - AuthorsSreply. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 493-494	18.1	3
47	Metabolic effects of prazosin on skeletal muscle insulin resistance in glucocorticoid-treated male rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R62-R73	3.2	3
46	Physical Activity Contributes to Several Sleep-Cardiometabolic Health Relationships. <i>Metabolic Syndrome and Related Disorders</i> , 2017 , 15, 44-51	2.6	3
45	Advances in Exercise, Physical Activity, and Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, S109-S118	8.1	3

44	Community-Based Culturally Preferred Physical Activity Intervention Targeting Populations at High Risk for Type 2 Diabetes: Results and Implications. <i>Canadian Journal of Diabetes</i> , 2016 , 40, 561-569	2.1	3
43	Paradoxical Rise in Hypoglycemia Symptoms With Development of Hyperglycemia During High-Intensity Interval Training in Type 1 Diabetes. <i>Diabetes Care</i> , 2019 , 42, 2011-2014	14.6	3
42	Point Accuracy of Interstitial Continuous Glucose Monitoring During Resistance and Aerobic Exercise in Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2012 , 36, S14-S15	2.1	3
41	Assessing Mealtime Macronutrient Content: Patient Perceptions Versus Expert Analyses via a Novel Phone App. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 85-94	8.1	3
40	Genomic and Non-Genomic Actions of Glucocorticoids on Adipose Tissue Lipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
39	The Development of an Exercise Advisor App for Type 1 Diabetes: Digitization Facilitates More Individualized Guidance. <i>Journal of Diabetes Science and Technology</i> , 2020 , 1932296820979811	4.1	2
38	Effect of 7 days of exercise on exogenous carbohydrate oxidation and insulin resistance in children with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 677-683	3	2
37	Advances in Exercise, Physical Activity, and Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2018 , 20, S104-S113	8.1	2
36	Associations Between Sleep Habits and Dysglycemia in Adults in the United States: A Cross-Sectional Analysis. <i>Canadian Journal of Diabetes</i> , 2018 , 42, 150-157	2.1	2
35	Voluntary physical activity and leucine correct impairments in muscle protein synthesis in partially pancreatectomised rats. <i>Diabetologia</i> , 2011 , 54, 3111-20	10.3	2
34	Metabolic Flexibility during Exercise in Children with Obesity and Matched Controls. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 159-164	1.2	2
33	Opportunities and challenges in closed-loop systems in type 1 diabetes. <i>Lancet Diabetes and Endocrinology</i> , 2021 ,	18.1	2
32	More Than Self-Management: Positive Youth Development at an Inclusive Type 1 Diabetic Camp. <i>Journal of Youth Development</i> , 2018 , 13, 81-99	1.8	2
31	Acute glycaemic management before, during and after exercise for cardiac rehabilitation participants with diabetes mellitus: a joint statement of the British and Canadian Associations of Cardiovascular Prevention and Rehabilitation, the International Council for Cardiovascular Prevention and Rehabilitation and the British Association of Sport and Exercise Sciences. <i>British Journal of Sports Medicine</i> , 2021 , 55, 103-110	10.3	2
30	Does a failure to normalize diurnal glucocorticoids negate the benefits of exercise training?. <i>FASEB Journal</i> , 2008 , 22, 117-117	0.9	2
29	Differences in Physiological Responses to Cardiopulmonary Exercise Testing in Adults With and Without Type 1 Diabetes: A Pooled Analysis. <i>Diabetes Care</i> , 2021 , 44, 240-247	14.6	2
28	Physical activity and exercise. <i>Diabetes Technology and Therapeutics</i> , 2014 , 16 Suppl 1, S92-9	8.1	1
27	Activit� physique et diab�e. <i>Canadian Journal of Diabetes</i> , 2013 , 37, S403-S408	2.1	1

26	Exercise in Children with Type 1 Diabetes 2017 , 77-89		1
25	65-LB: Sweet Performance: Associations of Maximum Physiological Performance and Diabetes in a Group of World Class Road Cyclists with Type 1 Diabetes. <i>Diabetes</i> , 2019 , 68, 65-LB	0.9	1
24	Advances in Exercise and Nutrition as Therapy in Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, S131-S142	8.1	1
23	Glucose management for exercise using continuous glucose monitoring: should sex and prandial state be additional considerations? Reply to Yardley JE and Sigal RJ [letter]. <i>Diabetologia</i> , 2021 , 64, 935-938	10.3	1
22	Somatostatin Receptor Antagonism Reverses Glucagon Counterregulatory Failure in Recurrently Hypoglycemic Male Rats. <i>Endocrinology</i> , 2021 , 162,	4.8	1
21	Association between metformin and physical activity with glucose control in adults with type 2 diabetes. <i>Endocrinology, Diabetes and Metabolism</i> , 2021 , 4, e00206	2.7	1
20	Advances in Exercise, Physical Activity, and Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18 Suppl 1, S76-85	8.1	0
19	Afternoon aerobic and resistance exercise have limited impact on 24-h CGM outcomes in adults with type 1 diabetes: A secondary analysis. <i>Diabetes Research and Clinical Practice</i> , 2021 , 177, 108874	7.4	0
18	Strengths and Challenges of Closed-Loop Insulin Delivery During Exercise in People With Type 1 Diabetes: Potential Future Directions.. <i>Journal of Diabetes Science and Technology</i> , 2022 , 19322968221088327	4.1	0
17	Le diabète de type 2 chez les enfants et les adolescents. <i>Canadian Journal of Diabetes</i> , 2013 , 37, S542-S547.	7.1	
16	Response to Letter to the editor by Dr Rafacho. <i>Diabetes/Metabolism Research and Reviews</i> , 2014 , 30, 122-3	7.5	
15	Exercise and the stress axis: Implications for the development of type 2 diabetes mellitus. <i>Canadian Journal of Diabetes</i> , 2010 , 34, 200-202	2.1	
14	Pre-Diabetes Detection and Intervention for High Risk Communities. <i>Journal of Physical Activity and Health</i> , 2010 , 7, S327-S340	2.5	
13	People With Type 2 Diabetes Can Have Healthy Muscle if Physically Active. <i>Canadian Journal of Diabetes</i> , 2007 , 31, 354	2.1	
12	Type I Diabetes and Exercise. <i>Contemporary Endocrinology</i> , 2020 , 459-481	0.3	
11	Exogenous Carbohydrate Oxidation During Exercise In Boys. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S310	1.2	
10	Streptozotocin induces G2 arrest in skeletal muscle myoblasts. <i>FASEB Journal</i> , 2006 , 20, A807	0.9	
9	Characterizing Diabetic Myopathy: Muscle Contractility and Phenotype of Akita and STZ Diabetic Murine Models. <i>FASEB Journal</i> , 2008 , 22, 961.4	0.9	

- 8 Glucocorticoids: Lipolytic or Lipogenic?. *FASEB Journal*, **2008**, 22, 1034.6 0.9
- 7 The cessation of regular exercise and dieting causes rapid adiposity rebound and glucose intolerance in young male rats, findings that are abolished by the glucocorticoid receptor antagonist Mifepristone (LB759). *FASEB Journal*, **2014**, 28, LB759 0.9
- 6 Exercise training maintains normal HPA feedback and prevents hypercortisolemia in the ZDF rat. *FASEB Journal*, **2009**, 23, LB120 0.9
- 5 Partial Pancreatectomized Diabetic Rats Present with Altered Skeletal Muscle Contractility and Phenotype. *FASEB Journal*, **2009**, 23, 600.19 0.9
- 4 High glucocorticoids, in combination with high-fat feeding, induces insulin resistance and hyperglycaemia: Mechanisms related to beta cell dysfunction?. *FASEB Journal*, **2011**, 25, 1072.2 0.9
- 3 The Impact of Type 1 Diabetes on the Physiological Responses to Exercise **2012**, 29-45
- 2 Performing Resistance Exercise Prior to Aerobic Exercise Results in Higher Growth Hormone Levels during Exercise in Physically Active Individuals with Well-Controlled Type 1 Diabetes. *FASEB Journal*, **2013**, 27, 712.29 0.9
- 1 Advances in Exercise and Nutrition as Therapy in Diabetes.. *Diabetes Technology and Therapeutics*, **2022**, 24, S129-S142 8.1