Normand G BoulÃ©

List of Publications by Year
in descending order

77 papers	4,729 citations	201674 27 h-index	98798 67 g-index
79 all docs	79 docs citations	79 times ranked	6049 citing authors

#	Article	IF	Citations
1	Effects of Exercise on Glycemic Control and Body Mass in Type 2 Diabetes Mellitus. JAMA - Journal of the American Medical Association, 2001, 286, 1218.	7.4	1,478
2	Effects of Aerobic Training, Resistance Training, or Both on Glycemic Control in Type 2 Diabetes. Annals of Internal Medicine, 2007, 147, 357.	3.9	958
3	Effects of Exercise Training on Glucose Homeostasis: The HERITAGE Family Study. Diabetes Care, 2005, 28, 108-114.	8.6	310
4	The Effect of Supervised Prenatal Exercise on Fetal Growth. Obstetrics and Gynecology, 2015, 125, 1185-1194.	2.4	127
5	Physical Activity and Diabetes. Canadian Journal of Diabetes, 2018, 42, S54-S63.	0.8	127
6	Effect of aerobic exercise intensity on glycemic control in type 2 diabetes: a meta-analysis of head-to-head randomized trials. Acta Diabetologica, 2016, 53, 769-781.	2.5	94
7	Examining behavioural susceptibility to obesity among Canadian pre-school children: The role of eating behaviours. Pediatric Obesity, 2011, 6, e501-e507.	3.2	92
8	Feasibility and preliminary efficacy of high intensity interval training in type 2 diabetes. Diabetes Research and Clinical Practice, 2013, 99, 120-129.	2.8	91
9	Metformin and Exercise in Type 2 Diabetes. Diabetes Care, 2011, 34, 1469-1474.	8.6	86
10	Significant Dose-Response Relationship Between Exercise Adherence and Hemoglobin A1C Change for Aerobic Training but Not Resistance or Combined Training. Canadian Journal of Diabetes, 2018, 42, S10.	0.8	77
11	Targeting specific interstitial glycemic parameters with high-intensity interval exercise and fasted-state exercise in type 2 diabetes. Metabolism: Clinical and Experimental, 2016, 65, 599-608.	3.4	73
12	Exercise lowers postprandial glucose but not fasting glucose in type 2 diabetes: a metaâ€analysis of studies using continuous glucose monitoring. Diabetes/Metabolism Research and Reviews, 2013, 29, 593-603.	4.0	72
13	Leptin and Leptin Receptor Gene Polymorphisms and Changes in Glucose Homeostasis in Response to Regular Exercise in Nondiabetic Individuals. Diabetes, 2004, 53, 1603-1608.	0.6	71
14	Outdoor Time Is Associated with Physical Activity, Sedentary Time, andÂCardiorespiratory Fitness in Youth. Journal of Pediatrics, 2014, 165, 516-521.	1.8	68
15	Effect of Exercise Training on Physical Fitness in Type II Diabetes Mellitus. Medicine and Science in Sports and Exercise, 2010, 42, 1439-1447.	0.4	60
16	Effects of Exercise on Mild-to-Moderate Depressive Symptoms in the Postpartum Period. Obstetrics and Gynecology, 2017, 129, 1087-1097.	2.4	58
17	Seasonal Variation in Physical Activity Among Preschool Children in a Northern Canadian City. Research Quarterly for Exercise and Sport, 2010, 81, 392-399.	1.4	50
18	Does metformin modify the effect on glycaemic control of aerobic exercise, resistance exercise or both?. Diabetologia, 2013, 56, 2378-2382.	6.3	42

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19	Effects of Exercise on Cardiorespiratory Fitness and Biochemical Progression in Men With Localized Prostate Cancer Under Active Surveillance. JAMA Oncology, 2021, 7, 1487.	7.1	42
20	Glucose homeostasis predicts weight gain: prospective and clinical evidence. Diabetes/Metabolism Research and Reviews, 2008, 24, 123-129.	4.0	40
21	Effect of aerobic training on nerve conduction in men with type 2 diabetes and peripheral neuropathy: A randomized controlled trial. Neurophysiologie Clinique, 2018, 48, 195-202.	2.2	39
22	Physical Fitness and the Metabolic Syndrome in Adults From the Quebec Family Study. Applied Physiology, Nutrition, and Metabolism, 2005, 30, 140-156.	1.7	34
23	Acute and Chronic Effects of Exercise on Continuous Glucose Monitoring Outcomes in Type 2 Diabetes: A Meta-Analysis. Frontiers in Endocrinology, 2020, 11, 495.	3.5	34
24	Exploring the Variability in Acute Glycemic Responses to Exercise in Type 2 Diabetes. Journal of Diabetes Research, 2013, 2013, 1-6.	2.3	33
25	Aquatic exercise for adults with type 2 diabetes: a meta-analysis. Acta Diabetologica, 2017, 54, 895-904.	2.5	33
26	A cross-sectional study of the relationship between parentsâ€™ and childrenâ€™s physical activity. BMC Public Health, 2016, 16, 1129.	2.9	31
27	Effects of exercise training using resistance bands on glycaemic control and strength in type 2 diabetes mellitus: a meta-analysis of randomised controlled trials. Acta Diabetologica, 2015, 52, 221-230.	2.5	30
28	Physical Activity Preferences and Type 2 Diabetes. The Diabetes Educator, 2010, 36, 801-815.	2.5	28
29	The Effect of Exercise with or Without Metformin on Glucose Profiles in Type 2 Diabetes: A Pilot Study. Canadian Journal of Diabetes, 2016, 40, 173-177.	0.8	24
30	COST-EFFECTIVENESS OF EXERCISE PROGRAMS IN TYPE 2 DIABETES. International Journal of Technology Assessment in Health Care, 2012, 28, 228-234.	0.5	23
31	A Randomized Trial of the Effects of Exercise on Anxiety, Fear of Cancer Progression and Quality of Life in Prostate Cancer Patients on Active Surveillance. Journal of Urology, 2022, 207, 814-822.	0.4	23
32	Peer Telephone Counseling for Adults With Type 2 Diabetes Mellitus. The Diabetes Educator, 2010, 36, 717-729.	2.5	22
33	Acute effect of metformin on exercise capacity in active males. Diabetes, Obesity and Metabolism, 2008, 10, 747-754.	4.4	21
34	Testâ€“Retest Reliability of a Continuous Glucose Monitoring System in Individuals with Type 2 Diabetes. Diabetes Technology and Therapeutics, 2014, 16, 491-498.	4.4	17
35	Behavior Tracking and 3-Year Longitudinal Associations Between Physical Activity, Screen Time, and Fitness Among Young Children. Pediatric Exercise Science, 2018, 30, 132-141.	1.0	16
36	Minimal effect of walking before dinner on glycemic responses in type 2 diabetes: outcomes from the multi-site E-PAraDiGM study. Acta Diabetologica, 2019, 56, 755-765.	2.5	16

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37	Does Exercise Timing Affect 24-Hour Glucose Concentrations in Adults With Type 2 Diabetes? A Follow Up to the Exercise-Physical Activity and Diabetes Glucose Monitoring Study. Canadian Journal of Diabetes, 2020, 44, 711-718.e1.	0.8	16
38	Physical Activity Related Information Sources Predict Physical Activity Behaviors in Adults with Type 2 Diabetes. Journal of Health Communication, 2010, 15, 846-858.	2.4	14
39	Exercise motivation in rectal cancer patients during and after neoadjuvant chemoradiotherapy. Supportive Care in Cancer, 2016, 24, 2919-26.	2.2	14
40	Exercise during and after neoadjuvant rectal cancer treatment (the EXERT trial): study protocol for a randomized controlled trial. Trials, 2018, 19, 35.	1.6	14
41	Overnight fasting compromises exercise intensity and volume during sprint interval training but improves high-intensity aerobic endurance. Journal of Sports Medicine and Physical Fitness, 2019, 59, 357-365.	0.7	14
42	Sympathetic nervous system activity and reactivity in women with gestational diabetes mellitus. Physiological Reports, 2020, 8, e14504.	1.7	14
43	Feasibility, Safety, and Preliminary Efficacy of Exercise During and After Neoadjuvant Rectal Cancer Treatment: A Phase II Randomized Controlled Trial. Clinical Colorectal Cancer, 2021, 20, 216-226.	2.3	14
44	Effects of Aerobic Exercise with or without Metformin on Plasma Incretins in Type 2 Diabetes. Canadian Journal of Diabetes, 2013, 37, 375-380.	0.8	12
45	Prenatal bed rest in developed and developing regions: a systematic review and meta-analysis. CMAJ Open, 2019, 7, E435-E445.	2.4	12
46	Associations between physical activity, screen time, and fitness among 6- to 10-year-old children living in Edmonton, Canada. Applied Physiology, Nutrition and Metabolism, 2017, 42, 487-494.	1.9	11
47	Cardiometabolic risk factors in type 2 diabetes with high fat and low muscle mass: At baseline and in response to exercise. Obesity, 2017, 25, 881-891.	3.0	11
48	Exercise duRing Active Surveillance for prostatE cancerâ€"the ERASE trial: a study protocol of a phase II randomised controlled trial. BMJ Open, 2019, 9, e026438.	1.9	10
49	Does metformin therapy influence the effects of intensive lifestyle intervention? Exploring the interaction between first line therapies in the Look AHEAD trial. Metabolism: Clinical and Experimental, 2019, 94, 39-46.	3.4	10
50	A high-protein total diet replacement increases energy expenditure and leads to negative fat balance in healthy, normal-weight adults. American Journal of Clinical Nutrition, 2021, 113, 476-487.	4.7	10
51	Predictors of adherence to aerobic exercise in rectal cancer patients during and after neoadjuvant chemoradiotherapy. Psychology, Health and Medicine, 2018, 23, 224-231.	2.4	9
52	Consumption of a High-Protein Meal Replacement Leads to Higher Fat Oxidation, Suppression of Hunger, and Improved Metabolic Profile After an Exercise Session. Nutrients, 2021, 13, 155.	4.1	9
53	Evaluating the Effects of Metformin Use on Height in Children and Adolescents. JAMA Pediatrics, 2015, 169, 1032.	6.2	8
54	Tiredness, Fatigue, and Exhaustion as Perceived by Recreational Marathon Runners. Qualitative Health Research, 2018, 28, 1997-2010.	2.1	8

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55	Effects of exercise during and after neoadjuvant chemoradiation on symptom burden and quality of life in rectal cancer patients: a phase II randomized controlled trial. Journal of Cancer Survivorship, 2021, , 1.	2.9	8
56	Examining the effects of a high-protein total diet replacement on energy metabolism, metabolic blood markers, and appetite sensations in healthy adults: protocol for two complementary, randomized, controlled, crossover trials. Trials, 2019, 20, 787.	1.6	7
57	Peripheral chemoreceptor deactivation attenuates the sympathetic response to glucose ingestion. Applied Physiology, Nutrition and Metabolism, 2019, 44, 389-396.	1.9	7
58	Significant Doseâ€“Response between Exercise Adherence and Hemoglobin A1c Change. Medicine and Science in Sports and Exercise, 2020, 52, 1960-1965.	0.4	7
59	Glycemic and Metabolic Effects of Two Long Bouts of Moderate-Intensity Exercise in Men with Normal Glucose Tolerance or Type 2 Diabetes. Frontiers in Endocrinology, 2017, 8, 154.	3.5	6
60	Creatine supplementation does not promote additional effects on inflammation and insulin resistance in older adults: A pilot randomized, double-blind, placebo-controlled trial. Clinical Nutrition ESPEN, 2020, 38, 94-98.	1.2	6
61	Acute and Chronic Effects of Low-Volume High-Intensity Interval Training Compared to Moderate-Intensity Continuous Training on Glycemic Control and Body Composition in Older Women with Type 2 Diabetes. Obesities, 2021, 1, 72-87.	0.8	6
62	Does exercise pose a challenge to glucoregulation after clinical islet transplantation?. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1-7.	1.9	5
63	Blood glucose concentration is unchanged during exposure to acute normobaric hypoxia in healthy humans. Physiological Reports, 2021, 9, e14932.	1.7	5
64	Increasing Exercise Duration Does Not Affect the Postexercise Elevation in Esophageal Temperature. Applied Physiology, Nutrition, and Metabolism, 1999, 24, 377-386.	1.7	4
65	Complex relationship between metformin and exercise in diabetes treatment: should we reconsider our recommendations?. Diabetes Management, 2012, 2, 5-8.	0.5	4
66	Determining whether sympathetic nervous activity influences cerebral blood velocity at rest: a novel approach. Clinical Autonomic Research, 2020, 30, 357-359.	2.5	4
67	Improved Functional Status Following the Aquatic Physical Exercise for Arthritis and Diabetes (APEXD) Study. Canadian Journal of Diabetes, 2014, 38, S63.	0.8	2
68	Commentaries on Viewpoint: A time for exercise: the exercise window. Journal of Applied Physiology, 2017, 122, 210-213.	2.5	2
69	Effects of Moderate Cycling Exercise on Blood Glucose Regulation Following Successful Clinical Islet Transplantation. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 493-502.	3.6	2
70	Bladder cancer and exeRcise trAining during intraVesical thErapyâ€”the BRAVE trial: a study protocol for a prospective, single-centre, phase II randomised controlled trial. BMJ Open, 2021, 11, e055782.	1.9	2
71	Exercise Plus Metformin in the Fight Against Diabetes. Exercise and Sport Sciences Reviews, 2016, 44, 2.	3.0	1
72	Reply to Elsamma Chacko: â€œTiming, intensity and frequency of exercise for glucose controlâ€. Acta Diabetologica, 2017, 54, 101-102.	2.5	1

#	Article	IF	Citations
73	The Effects of Exercise in Type 2 Diabetes as Measured by Continuous Glucose Monitoring: A Systematic Review and Meta-analysis. Canadian Journal of Diabetes, 2012, 36, S53-S54.	0.8	0
74	Does Metformin Really Increase Height, or Is There Some Problem With the Controls?â€"Reply. JAMA Pediatrics, 2016, 170, 621.	6.2	0
75	Exercise Reduces Insulin and Glucagon, but not Incretin, Responses to Oral Glucose in Type 2 Diabetes. Canadian Journal of Diabetes, 2016, 40, S10.	0.8	0
76	Increased Physical Activity Patterns Above Current Guidelines Does Not Increase Glucose Variability in Type 1 Diabetes. Canadian Journal of Diabetes, 2018, 42, S51.	0.8	0
77	Effect of a Resistance Exercise Intervention on Frailty Outcomes in Adults With Diabetes Mellitus. Canadian Journal of Diabetes, 2021, 45, S31.	0.8	0