

Normand G Boul

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.

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|-------------------|-------------------------|----------------|-----------------|
| 72 papers | 3,627 citations | 24 h-index | 60 g-index |
| 79 ext. papers | 4,148 ext. citations | 4.4 avg, IF | 5.03 L-index |

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 72 | Effects of exercise on glycemic control and body mass in type 2 diabetes mellitus: a meta-analysis of controlled clinical trials. <i>JAMA - Journal of the American Medical Association</i> , 2001 , 286, 1218-27 | 27.4 | 1184 |
| 71 | Effects of aerobic training, resistance training, or both on glycemic control in type 2 diabetes: a randomized trial. <i>Annals of Internal Medicine</i> , 2007 , 147, 357-69 | 8 | 764 |
| 70 | Effects of exercise training on glucose homeostasis: the HERITAGE Family Study. <i>Diabetes Care</i> , 2005 , 28, 108-14 | 14.6 | 265 |
| 69 | The effect of supervised prenatal exercise on fetal growth: a meta-analysis. <i>Obstetrics and Gynecology</i> , 2015 , 125, 1185-1194 | 4.9 | 106 |
| 68 | Examining behavioural susceptibility to obesity among Canadian pre-school children: the role of eating behaviours. <i>Pediatric Obesity</i> , 2011 , 6, e501-7 | | 80 |
| 67 | Significant Dose-Response Relationship Between Exercise Adherence and Hemoglobin A1C Change for Aerobic Training but Not Resistance or Combined Training. <i>Canadian Journal of Diabetes</i> , 2018 , 42, S10 | 2.1 | 75 |
| 66 | Metformin and exercise in type 2 diabetes: examining treatment modality interactions. <i>Diabetes Care</i> , 2011 , 34, 1469-74 | 14.6 | 73 |
| 65 | Effect of aerobic exercise intensity on glycemic control in type 2 diabetes: a meta-analysis of head-to-head randomized trials. <i>Acta Diabetologica</i> , 2016 , 53, 769-81 | 3.9 | 70 |
| 64 | Physical Activity and Diabetes. <i>Canadian Journal of Diabetes</i> , 2018 , 42 Suppl 1, S54-S63 | 2.1 | 69 |
| 63 | Feasibility and preliminary efficacy of high intensity interval training in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2013 , 99, 120-9 | 7.4 | 67 |
| 62 | Leptin and leptin receptor gene polymorphisms and changes in glucose homeostasis in response to regular exercise in nondiabetic individuals: the HERITAGE family study. <i>Diabetes</i> , 2004 , 53, 1603-8 | 0.9 | 65 |
| 61 | Exercise lowers postprandial glucose but not fasting glucose in type 2 diabetes: a meta-analysis of studies using continuous glucose monitoring. <i>Diabetes/Metabolism Research and Reviews</i> , 2013 , 29, 593-603 | 7.5 | 57 |
| 60 | Effect of exercise training on physical fitness in type II diabetes mellitus. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1439-47 | 1.2 | 53 |
| 59 | Targeting specific interstitial glycemic parameters with high-intensity interval exercise and fasted-state exercise in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 599-608 | 12.7 | 52 |
| 58 | Outdoor time is associated with physical activity, sedentary time, and cardiorespiratory fitness in youth. <i>Journal of Pediatrics</i> , 2014 , 165, 516-21 | 3.6 | 50 |
| 57 | Effects of Exercise on Mild-to-Moderate Depressive Symptoms in the Postpartum Period: A Meta-analysis. <i>Obstetrics and Gynecology</i> , 2017 , 129, 1087-1097 | 4.9 | 40 |
| 56 | Seasonal variation in physical activity among preschool children in a northern Canadian city. <i>Research Quarterly for Exercise and Sport</i> , 2010 , 81, 392-9 | 1.9 | 40 |

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|----|--|------|----|
| 55 | Glucose homeostasis predicts weight gain: prospective and clinical evidence. <i>Diabetes/Metabolism Research and Reviews</i> , 2008 , 24, 123-9 | 7.5 | 35 |
| 54 | Does metformin modify the effect on glycaemic control of aerobic exercise, resistance exercise or both?. <i>Diabetologia</i> , 2013 , 56, 2378-82 | 10.3 | 28 |
| 53 | Physical activity preferences and type 2 diabetes: exploring demographic, cognitive, and behavioral differences. <i>The Diabetes Educator</i> , 2010 , 36, 801-15 | 2.5 | 27 |
| 52 | Effects of exercise training using resistance bands on glycaemic control and strength in type 2 diabetes mellitus: a meta-analysis of randomised controlled trials. <i>Acta Diabetologica</i> , 2015 , 52, 221-30 | 3.9 | 26 |
| 51 | Physical fitness and the metabolic syndrome in adults from the Quebec Family Study. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005 , 30, 140-56 | | 25 |
| 50 | Effect of aerobic training on nerve conduction in men with type 2 diabetes and peripheral neuropathy: A randomized controlled trial. <i>Neurophysiologie Clinique</i> , 2018 , 48, 195-202 | 2.7 | 24 |
| 49 | Exploring the variability in acute glycemic responses to exercise in type 2 diabetes. <i>Journal of Diabetes Research</i> , 2013 , 2013, 591574 | 3.9 | 24 |
| 48 | A cross-sectional study of the relationship between parents' and children's physical activity. <i>BMC Public Health</i> , 2016 , 16, 1129 | 4.1 | 22 |
| 47 | Aquatic exercise for adults with type 2 diabetes: a meta-analysis. <i>Acta Diabetologica</i> , 2017 , 54, 895-904 | 3.9 | 20 |
| 46 | Peer telephone counseling for adults with type 2 diabetes mellitus: a case-study approach to inform the design, development, and evaluation of programs targeting physical activity. <i>The Diabetes Educator</i> , 2010 , 36, 717-29 | 2.5 | 19 |
| 45 | Acute effect of metformin on exercise capacity in active males. <i>Diabetes, Obesity and Metabolism</i> , 2008 , 10, 747-54 | 6.7 | 19 |
| 44 | The Effect of Exercise with or Without Metformin on Glucose Profiles in Type 2 Diabetes: A Pilot Study. <i>Canadian Journal of Diabetes</i> , 2016 , 40, 173-7 | 2.1 | 17 |
| 43 | Test-retest reliability of a continuous glucose monitoring system in individuals with type 2 diabetes. <i>Diabetes Technology and Therapeutics</i> , 2014 , 16, 491-8 | 8.1 | 16 |
| 42 | Cost-effectiveness of exercise programs in type 2 diabetes. <i>International Journal of Technology Assessment in Health Care</i> , 2012 , 28, 228-34 | 1.8 | 16 |
| 41 | Exercise during and after neoadjuvant rectal cancer treatment (the EXERT trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 35 | 2.8 | 12 |
| 40 | Exercise motivation in rectal cancer patients during and after neoadjuvant chemoradiotherapy. <i>Supportive Care in Cancer</i> , 2016 , 24, 2919-26 | 3.9 | 11 |
| 39 | Cardiometabolic risk factors in type 2 diabetes with high fat and low muscle mass: At baseline and in response to exercise. <i>Obesity</i> , 2017 , 25, 881-891 | 8 | 10 |
| 38 | Behavior Tracking and 3-Year Longitudinal Associations Between Physical Activity, Screen Time, and Fitness Among Young Children. <i>Pediatric Exercise Science</i> , 2018 , 30, 132-141 | 2 | 10 |

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| 37 | Physical activity related information sources predict physical activity behaviors in adults with type 2 diabetes. <i>Journal of Health Communication</i> , 2010 , 15, 846-58 | 2.5 | 10 |
| 36 | Associations between physical activity, screen time, and fitness among 6- to 10-year-old children living in Edmonton, Canada. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 487-494 | 3 | 9 |
| 35 | Minimal effect of walking before dinner on glycemic responses in type 2 diabetes: outcomes from the multi-site E-PARaDiGM study. <i>Acta Diabetologica</i> , 2019 , 56, 755-765 | 3.9 | 9 |
| 34 | Overnight fasting compromises exercise intensity and volume during sprint interval training but improves high-intensity aerobic endurance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 357-365 | 1.4 | 9 |
| 33 | Acute and Chronic Effects of Exercise on Continuous Glucose Monitoring Outcomes in Type 2 Diabetes: A Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020 , 11, 495 | 5.7 | 8 |
| 32 | Effects of Exercise on Cardiorespiratory Fitness and Biochemical Progression in Men With Localized Prostate Cancer Under Active Surveillance: The ERASE Randomized Clinical Trial. <i>JAMA Oncology</i> , 2021 , 7, 1487-1495 | 13.4 | 8 |
| 31 | Prenatal bed rest in developed and developing regions: a systematic review and meta-analysis. <i>CMAJ Open</i> , 2019 , 7, E435-E445 | 2.5 | 7 |
| 30 | Effects of aerobic exercise with or without metformin on plasma incretins in type 2 diabetes. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 375-80 | 2.1 | 7 |
| 29 | Peripheral chemoreceptor deactivation attenuates the sympathetic response to glucose ingestion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 389-396 | 3 | 7 |
| 28 | Does metformin therapy influence the effects of intensive lifestyle intervention? Exploring the interaction between first line therapies in the Look AHEAD trial. <i>Metabolism: Clinical and Experimental</i> , 2019 , 94, 39-46 | 12.7 | 7 |
| 27 | Exercise duRing Active Surveillance for prostatE cancer-the ERASE trial: a study protocol of a phase II randomised controlled trial. <i>BMJ Open</i> , 2019 , 9, e026438 | 3 | 6 |
| 26 | Sympathetic nervous system activity and reactivity in women with gestational diabetes mellitus. <i>Physiological Reports</i> , 2020 , 8, e14504 | 2.6 | 6 |
| 25 | Tiredness, Fatigue, and Exhaustion as Perceived by Recreational Marathon Runners. <i>Qualitative Health Research</i> , 2018 , 28, 1997-2010 | 3.9 | 5 |
| 24 | Predictors of adherence to aerobic exercise in rectal cancer patients during and after neoadjuvant chemoradiotherapy. <i>Psychology, Health and Medicine</i> , 2018 , 23, 224-231 | 2.1 | 5 |
| 23 | Does exercise pose a challenge to glucoregulation after clinical islet transplantation?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 1-7 | 3 | 4 |
| 22 | Glycemic and Metabolic Effects of Two Long Bouts of Moderate-Intensity Exercise in Men with Normal Glucose Tolerance or Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2017 , 8, 154 | 5.7 | 4 |
| 21 | Complex relationship between metformin and exercise in diabetes treatment: should we reconsider our recommendations?. <i>Diabetes Management</i> , 2012 , 2, 5-8 | 0 | 4 |
| 20 | Increasing exercise duration does not affect the postexercise elevation in esophageal temperature. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1999 , 24, 377-86 | | 4 |

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| 19 | 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. <i>Trials</i> , 2019 , 20, 787 | 2.8 | 4 |
| 18 | Evaluating the Effects of Metformin Use on Height in Children and Adolescents: A Meta-analysis of Randomized Clinical Trials. <i>JAMA Pediatrics</i> , 2015 , 169, 1032-9 | 8.3 | 3 |
| 17 | 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. <i>Canadian Journal of Diabetes</i> , 2020 , 44, 711-718.e1 | 2.1 | 3 |
| 16 | Creatine supplementation does not promote additional effects on inflammation and insulin resistance in older adults: A pilot randomized, double-blind, placebo-controlled trial. <i>Clinical Nutrition ESPEN</i> , 2020 , 38, 94-98 | 1.3 | 3 |
| 15 | Determining whether sympathetic nervous activity influences cerebral blood velocity at rest: a novel approach. <i>Clinical Autonomic Research</i> , 2020 , 30, 357-359 | 4.3 | 3 |
| 14 | A high-protein total diet replacement increases energy expenditure and leads to negative fat balance in healthy, normal-weight adults. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 476-487 | 7 | 3 |
| 13 | Commentaries on Viewpoint: A time for exercise: the exercise window. <i>Journal of Applied Physiology</i> , 2017 , 122, 210-213 | 3.7 | 2 |
| 12 | Significant Dose-Response between Exercise Adherence and Hemoglobin A1c Change. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1960-1965 | 1.2 | 2 |
| 11 | 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. <i>Obesity</i> , 2021 , 1, 72-87 | | 2 |
| 10 | Effects of Moderate Cycling Exercise on Blood Glucose Regulation Following Successful Clinical Islet Transplantation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 493-502 | 5.6 | 2 |
| 9 | Consumption of a High-Protein Meal Replacement Leads to Higher Fat Oxidation, Suppression of Hunger, and Improved Metabolic Profile After an Exercise Session. <i>Nutrients</i> , 2021 , 13, | 6.7 | 2 |
| 8 | Blood glucose concentration is unchanged during exposure to acute normobaric hypoxia in healthy humans. <i>Physiological Reports</i> , 2021 , 9, e14932 | 2.6 | 2 |
| 7 | Feasibility, Safety, and Preliminary Efficacy of Exercise During and After Neoadjuvant Rectal Cancer Treatment: A Phase II Randomized Controlled Trial. <i>Clinical Colorectal Cancer</i> , 2021 , 20, 216-226 | 3.8 | 2 |
| 6 | Reply to Elsamra Chacko: "Timing, intensity and frequency of exercise for glucose control". <i>Acta Diabetologica</i> , 2017 , 54, 101-102 | 3.9 | 1 |
| 5 | Exercise Plus Metformin in the Fight Against Diabetes. <i>Exercise and Sport Sciences Reviews</i> , 2016 , 44, 2 | 6.7 | 1 |
| 4 | 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.. <i>Journal of Urology</i> , 2022 , 101097JU000000000000002334 ¹ | 2.5 | 1 |
| 3 | 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. <i>Journal of Cancer Survivorship</i> , 2021 , 1 | 5.1 | 0 |
| 2 | Bladder cancer and exercise training during intravesical therapy-the BRAVE trial: a study protocol for a prospective, single-centre, phase II randomised controlled trial. <i>BMJ Open</i> , 2021 , 11, e055782 | 3 | 0 |

- 1 Precision Exercise and Physical Activity for Diabetes **2022**, 251-288