

# Julie Robitaille

## List of Publications by Year in descending order

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Version: 2024-02-01

97  
papers

2,443  
citations

201674

27  
h-index

233421

45  
g-index

99  
all docs

99  
docs citations

99  
times ranked

3712  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Genes Differentially Expressed in Subcutaneous and Visceral Adipose Tissue in Men*. Obesity, 2004, 12, 1217-1222.	4.0	282
2	The PPAR $\gamma$ P12A polymorphism modulates the relationship between dietary fat intake and components of the metabolic syndrome: results from the Qu $\acute{e}$ bec Family Study. Clinical Genetics, 2003, 63, 109-116.	2.0	170
3	The genetics of gestational diabetes mellitus: evidence for relationship with type 2 diabetes mellitus. Genetics in Medicine, 2008, 10, 240-250.	2.4	121
4	Association between the PPAR $\alpha$ -L162V polymorphism and components of the metabolic syndrome. Journal of Human Genetics, 2004, 49, 482-489.	2.3	105
5	Prevention of gestational diabetes mellitus: a review of studies on weight management. Diabetes/Metabolism Research and Reviews, 2010, 26, 17-25.	4.0	94
6	Validation of a newly automated web-based 24-hour dietary recall using fully controlled feeding studies. BMC Nutrition, 2017, 3, 34.	1.6	78
7	Development of a Web-Based 24-h Dietary Recall for a French-Canadian Population. Nutrients, 2016, 8, 724.	4.1	73
8	Circulating interleukin-6 concentrations during and after gestational diabetes mellitus. Acta Obstetrica Et Gynecologica Scandinavica, 2011, 90, 524-530.	2.8	72
9	Effects of 6-month vitamin D supplementation on insulin sensitivity and secretion: a randomised, placebo-controlled trial. European Journal of Endocrinology, 2019, 181, 287-299.	3.7	64
10	A 12-Week Exercise Program for Pregnant Women with Obesity to Improve Physical Activity Levels: An Open Randomised Preliminary Study. PLoS ONE, 2015, 10, e0137742.	2.5	63
11	Weight Gain Measures in Women with Gestational Diabetes Mellitus. Journal of Women's Health, 2011, 20, 375-380.	3.3	56
12	Features of the metabolic syndrome are modulated by an interaction between the peroxisome proliferator-activated receptor- $\delta$ $\alpha$ 87T>C polymorphism and dietary fat in French-Canadians. International Journal of Obesity, 2007, 31, 411-417.	3.4	50
13	Prevalence, Family History, and Prevention of Reported Osteoporosis in U.S. Women. American Journal of Preventive Medicine, 2008, 35, 47-54.	3.0	47
14	Health-Related Direct-to-Consumer Genetic Tests: A Public Health Assessment and Analysis of Practices Related to Internet-Based Tests for Risk of Thrombosis. Public Health Genomics, 2009, 12, 92-104.	1.0	46
15	Trimester-Specific Dietary Intakes in a Sample of French-Canadian Pregnant Women in Comparison with National Nutritional Guidelines. Nutrients, 2018, 10, 768.	4.1	45
16	Relationship between lactation duration and insulin and glucose response among women with prior gestational diabetes. European Journal of Endocrinology, 2013, 168, 515-523.	3.7	44
17	Assessing the relative validity of a new, web-based, self-administered 24 h dietary recall in a French-Canadian population. Public Health Nutrition, 2018, 21, 2744-2752.	2.2	44
18	Postnatal Prevention of Childhood Obesity in Offspring Prenatally Exposed to Gestational Diabetes mellitus: Where Are We Now. Obesity Facts, 2017, 10, 396-406.	3.4	40

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19	Androgens in the maternal and fetal circulation: association with insulin resistance. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 513-519.	1.5	39
20	Trimester-Specific Assessment of Diet Quality in a Sample of Canadian Pregnant Women. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 311.	2.6	39
21	Development and validation of a nutrition knowledge questionnaire for a Canadian population. <i>Public Health Nutrition</i> , 2017, 20, 1184-1192.	2.2	36
22	Nutrigenomics—Perspectives from registered dietitians: a report from the Quebec-wide consultation on nutrigenomics among registered dietitians. <i>Journal of Human Nutrition and Dietetics</i> , 2014, 27, 391-400.	2.5	35
23	Effect of an Oat Bran-Rich Supplement on the Metabolic Profile of Overweight Premenopausal Women. <i>Annals of Nutrition and Metabolism</i> , 2005, 49, 141-148.	1.9	33
24	Variants within the muscle and liver isoforms of the carnitine palmitoyltransferase I (CPT1) gene interact with fat intake to modulate indices of obesity in French-Canadians. <i>Journal of Molecular Medicine</i> , 2007, 85, 129-137.	3.9	33
25	Validation of a self-administered web-based 24-hour dietary recall among pregnant women. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 112.	2.4	30
26	Molecular Screening of the 11p24 CHSD1 Gene in Men Characterized by the Metabolic Syndrome. <i>Obesity</i> , 2004, 12, 1570-1575.	4.0	29
27	Poor Adherence to Dietary Guidelines Among French-Speaking Adults in the Province of Quebec, Canada: The PREDISE Study. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1665-1673.	1.7	29
28	The lipoprotein/lipid profile is modulated by a gene-diet interaction effect between polymorphisms in the liver X receptor-1 and dietary cholesterol intake in French-Canadians. <i>British Journal of Nutrition</i> , 2007, 97, 11-18.	2.3	28
29	An explained variance-based genetic risk score associated with gestational diabetes antecedent and with progression to pre-diabetes and type 2 diabetes: a cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 411-419.	2.3	26
30	Risks of nutrigenomics and nutrigenetics? What the scientists say. <i>Genes and Nutrition</i> , 2014, 9, 370.	2.5	25
31	Maternal nutrient intake and risks for transverse and longitudinal limb deficiencies: Data from the National Birth Defects Prevention Study, 1997–2003. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2009, 85, 773-779.	1.6	24
32	Influence of maternal physical activity on infant's body composition. <i>Pediatric Obesity</i> , 2017, 12, 38-46.	2.8	23
33	Association of prenatal exposure to gestational diabetes with offspring body composition and regional body fat distribution. <i>Clinical Obesity</i> , 2018, 8, 81-87.	2.0	22
34	Relative validity of a web-based, self-administered, 24-h dietary recall to evaluate adherence to Canadian dietary guidelines. <i>Nutrition</i> , 2019, 57, 252-256.	2.4	22
35	Genes, Fat Intake, and Cardiovascular Disease Risk Factors in the Quebec Family Study. <i>Obesity</i> , 2007, 15, 2336-2347.	3.0	21
36	Development of an Evidence-Informed Blog to Promote Healthy Eating Among Mothers: Use of the Intervention Mapping Protocol. <i>JMIR Research Protocols</i> , 2017, 6, e92.	1.0	20

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37	Associations Between Nutrition Knowledge and Overall Diet Quality: The Moderating Role of Sociodemographic Characteristicsâ€”Results From the PREDISE Study. <i>American Journal of Health Promotion</i> , 2021, 35, 38-47.	1.7	19
38	Guiding Global Best Practice in Personalized Nutrition Based on Genetics: The Development of a Nutrigenomics Care Map. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 259-269.	0.8	18
39	Does the MTHFR 677Câ†T variant affect the Recommended Dietary Allowance for folate in the US population?. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1269-1273.	4.7	16
40	Development and Validation of the Food Liking Questionnaire in a French-Canadian Population. <i>Nutrients</i> , 2017, 9, 1337.	4.1	15
41	Sex hormone-binding globulin levels and obesity in women with gestational diabetes: relationship with infant birthweight. <i>Gynecological Endocrinology</i> , 2011, 27, 905-909.	1.7	14
42	Development and validation of the Perceived Food Environment Questionnaire in a French-Canadian population. <i>Public Health Nutrition</i> , 2017, 20, 1914-1920.	2.2	14
43	Relationship between the adoption of preventive practices and the metabolic profile of women with prior gestational diabetes mellitus. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 1232-1238.	1.9	13
44	Dietary Intakes in the Nutritional Management Of Gestational Diabetes Mellitus. <i>Canadian Journal of Dietetic Practice and Research</i> , 2014, 75, 64-71.	0.6	13
45	Excessive gestational weight gain and gestational diabetes: importance of the first weeks of pregnancy. <i>Diabetologia</i> , 2015, 58, 2203-2205.	6.3	13
46	Nutrigenetic Testing for Personalized Nutrition: An Evaluation of Public Perceptions, Attitudes, and Concerns in a Population of French Canadians. <i>Lifestyle Genomics</i> , 2018, 11, 155-162.	1.7	13
47	Tracking of Dietary Intake and Diet Quality from Late Pregnancy to the Postpartum Period. <i>Nutrients</i> , 2019, 11, 2080.	4.1	13
48	Is the Canadian Healthy Eating Index 2007 an Appropriate Diet Indicator of Metabolic Health? Insights from Dietary Pattern Analysis in the PREDISE Study. <i>Nutrients</i> , 2019, 11, 1597.	4.1	12
49	Effects of an Evidence-Informed Healthy Eating Blog on Dietary Intakes and Food-Related Behaviors of Mothers of Preschool- and School-Aged Children: A Randomized Controlled Trial. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 53-68.	0.8	12
50	Accelerometry-Measured Physical Activity and Inflammation after Gestational Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1307-1312.	0.4	11
51	Trimester-Specific Intuitive Eating in Association With Gestational Weight Gain and Diet Quality. <i>Journal of Nutrition Education and Behavior</i> , 2019, 51, 677-683.	0.7	11
52	Social Support, but Not Perceived Food Environment, Is Associated with Diet Quality in French-Speaking Canadians from the PREDISE Study. <i>Nutrients</i> , 2019, 11, 3030.	4.1	11
53	Lifestyle-Related Factors Associated with Reproductive Health in Couples Seeking Fertility Treatments: Results of A Pilot Study. <i>International Journal of Fertility &amp; Sterility</i> , 2018, 12, 19-26.	0.2	11
54	Associations between fruit and vegetables intake and abnormal glucose tolerance among women with prior gestational diabetes mellitus. <i>European Journal of Nutrition</i> , 2019, 58, 689-696.	3.9	10

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55	Individuals with self-determined motivation for eating have better overall diet quality: Results from the PREDISE study. <i>Appetite</i> , 2021, 165, 105426.	3.7	10
56	Nutrigenetics, omega-3 and plasma lipids/lipoproteins/apolipoproteins with evidence evaluation using the GRADE approach: a systematic review. <i>BMJ Open</i> , 2022, 12, e054417.	1.9	10
57	Consumption of low nutritive value foods and cardiometabolic risk factors among French-speaking adults from Quebec, Canada: the PREDISE study. <i>Nutrition Journal</i> , 2019, 18, 49.	3.4	9
58	Are French Canadians able to accurately self-rate the quality of their diet? Insights from the PREDISE study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 293-300.	1.9	9
59	Validity and reliability of a brief self-reported questionnaire assessing fruit and vegetable consumption among pregnant women. <i>BMC Public Health</i> , 2016, 16, 982.	2.9	8
60	Early life nutrition, glycemic and anthropometric profiles of children exposed to gestational diabetes mellitus in utero. <i>Early Human Development</i> , 2018, 118, 37-41.	1.8	8
61	Current knowledge and interest of French Canadians regarding nutrigenetics. <i>Genes and Nutrition</i> , 2019, 14, 5.	2.5	8
62	Association between early introduction of fruit juice during infancy and childhood consumption of sweet-tasting foods and beverages among children exposed and unexposed to gestational diabetes mellitus in utero. <i>Appetite</i> , 2019, 132, 190-195.	3.7	8
63	Recruitment and retention of mothers of preschoolers and school-aged children in a social media-delivered healthy eating intervention: lessons learned from a randomized controlled trial. <i>Trials</i> , 2020, 21, 706.	1.6	8
64	Differences in Population-Based Dietary Intake Estimates Obtained From an Interviewer-Administered and a Self-Administered Web-Based 24-h Recall. <i>Frontiers in Nutrition</i> , 2020, 7, 137.	3.7	8
65	Association between metabolic deteriorations and prior gestational diabetes according to weight status. <i>Obesity</i> , 2015, 23, 345-350.	3.0	7
66	Ethical considerations in the implementation of nutrigenetics/nutrigenomics. <i>Personalized Medicine</i> , 2017, 14, 75-83.	1.5	7
67	Intakes of Total, Free, and Naturally Occurring Sugars in the French-Speaking Adult Population of the Province of Québec, Canada: The PREDISE Study. <i>Nutrients</i> , 2019, 11, 2317.	4.1	7
68	Long-term effects of a healthy eating blog in mothers and children. <i>Maternal and Child Nutrition</i> , 2020, 16, e12981.	3.0	7
69	Are Machine Learning Algorithms More Accurate in Predicting Vegetable and Fruit Consumption Than Traditional Statistical Models? An Exploratory Analysis. <i>Frontiers in Nutrition</i> , 2022, 9, 740898.	3.7	7
70	Social support for healthy eating: development and validation of a questionnaire for the French-Canadian population. <i>Public Health Nutrition</i> , 2018, 21, 2360-2366.	2.2	6
71	Is A Healthy Diet Associated with Lower Anthropometric and Glycemic Alterations in Predisposed Children Born from Mothers with Gestational Diabetes Mellitus?. <i>Nutrients</i> , 2019, 11, 570.	4.1	6
72	Use of Glycated Hemoglobin and Waist Circumference for Diabetic Screening in Women With a History of Gestational Diabetes. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2013, 35, 810-815.	0.7	5

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73	Changes in Eating Behaviours Throughout Pregnancy: Associations with Gestational Weight Gain and Pre-pregnancy Body Mass Index. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2020, 42, 54-60.	0.7	5
74	Do pregnant women eat healthier than non-pregnant women of childbearing age?. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 757-768.	2.8	5
75	Factors Associated with the Intention of Registered Dietitians to Discuss Nutrigenetics with their Patients/Clients. <i>Canadian Journal of Dietetic Practice and Research</i> , 2016, 77, 163-169.	0.6	4
76	Association between lifestyle habits and adiposity values among children exposed and unexposed to gestational diabetes mellitus in utero. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 2947-2952.	3.6	4
77	Examining the Advantages of Using Multiple Web-Based Dietary Assessment Instruments to Measure Population Dietary Intake: The PREDISE Study. <i>Current Developments in Nutrition</i> , 2019, 3, nzz014.	0.3	4
78	Promoting fruit and vegetable intake in childbearing age women at risk for gestational diabetes mellitus: A randomised controlled trial. <i>Journal of Health Psychology</i> , 2019, 24, 600-612.	2.3	4
79	Associations of Intake of Free and Naturally Occurring Sugars from Solid Foods and Drinks with Cardiometabolic Risk Factors in a Quebec Adult Population: The PREDISE (PRÉ% Dicteurs Individuels,) Tj ETQq1 1 0z784314 r%BT /Over	0.2	4
80	Glycation of Fetal Hemoglobin Reflects Hyperglycemia Exposure In Utero. <i>Diabetes Care</i> , 2014, 37, 2830-2833.	8.6	3
81	Validity and Reliability of Self-Reported Measures of Foods and Nutrients in Pregnancy: A Systematic Review. <i>Current Nutrition Reports</i> , 2014, 3, 245-280.	4.3	3
82	A Common Genetic Variant in the Insulin Receptor Gene Is Associated with Eating Difficulties at 2 Years of Age in a Cohort of Preterm Infants. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2015, 8, 153-163.	1.3	3
83	Effect of a Six-Week National Cholesterol Education Program Step 1 Diet on Plasma Sex Hormone-Binding Globulin Levels In Overweight Premenopausal Women. <i>Metabolic Syndrome and Related Disorders</i> , 2007, 5, 22-33.	1.3	2
84	Positive attitudes toward weight gain in late pregnancy are associated with healthy eating behaviours. <i>Eating and Weight Disorders</i> , 2021, 26, 2051-2058.	2.5	2
85	Authors'™ Response. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021, 121, 1216-1217.	0.8	2
86	Liking for foods high in salt and fat is associated with a lower diet quality but liking for foods high in sugar is not " Results from the PREDISE study. <i>Food Quality and Preference</i> , 2021, 88, 104073.	4.6	1
87	Breastfeeding and growth trajectory from birth to 5 years among children exposed and unexposed to gestational diabetes mellitus in utero. <i>Journal of Perinatology</i> , 2021, 41, 1033-1042.	2.0	1
88	Feel Good, Eat Better: The Role of Self-Compassion and Body Esteem in Mothers'™ Healthy Eating Behaviours. <i>Nutrients</i> , 2021, 13, 3907.	4.1	1
89	Factors influencing engagement and dietary behaviour change of mothers and their children in a blog-delivered healthy eating intervention: a process evaluation of a randomised controlled trial. <i>Public Health Nutrition</i> , 2021, 24, 2689-2703.	2.2	1
90	Clinical Practice Guidelines Using GRADE and AGREE II for the Impact of Genetic Variants on Plasma Lipid/Lipoprotein/Apolipoprotein Responsiveness to Omega-3 Fatty Acids. <i>Frontiers in Nutrition</i> , 2021, 8, 768474.	3.7	1

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91	Health-related preconception factors: adherence to guidelines and associations with weight status. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, , .	0.8	1
92	Trimester-Specific and Total Gestational Weight Gain in Two Consecutive Pregnancies. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2021, 43, 483-489.e3.	0.7	0
93	Maternal Physical Activity During Pregnancy. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 645.	0.4	0
94	Validation of an automated self-administered 24-hour dietary recall web application against urinary recovery biomarkers in a sample of French-speaking adults of the province of QuÃ©bec, Canada. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022, 47, 173-182.	1.9	0
95	Determinants of Healthy Diet Among Children Exposed and Unexposed to Gestational Diabetes. <i>Journal of Nutrition Education and Behavior</i> , 2022, , .	0.7	0
96	Transitioning to Sustainable Dietary Patterns: Learnings From the Dietary Patterns of Adults With Low Animal Protein Consumption in the Province of Quebec. <i>Current Developments in Nutrition</i> , 2022, 6, 396.	0.3	0
97	Predicting Adherence to Canadaâ€™s Food Guide Recommendations on Healthy Food Choices Using Machine Learning Algorithms. <i>Current Developments in Nutrition</i> , 2022, 6, 99.	0.3	0