

# Charles Couillard

## List of Publications by Year in Descending Order

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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.

67

papers

4,051

citations

30

h-index

63

g-index

71

ext. papers

4,498

ext. citations

5.4

avg, IF

4.58

L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 67 | 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 Québec, Canada.. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2022</b> , 1-10                     | 3   | 0         |
| 66 | Raspberry consumption: identification of distinct immune-metabolic response profiles by whole blood transcriptome profiling.. <i>Journal of Nutritional Biochemistry</i> , <b>2022</b> , 108946  | 6.3 | 0         |
| 65 | Changes in systolic blood pressure, postprandial glucose, and gut microbial composition following mango consumption in individuals with overweight and obesity.. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2022</b> , 1-10  | 3   | 0         |
| 64 | An 8-week freeze-dried blueberry supplement impacts immune-related pathways: a randomized, double-blind placebo-controlled trial. <i>Genes and Nutrition</i> , <b>2021</b> , 16, 7   | 4.3 | 0         |
| 63 | Associations Between Nutrition Knowledge and Overall Diet Quality: The Moderating Role of Sociodemographic Characteristics-Results From the PREDISE Study. <i>American Journal of Health Promotion</i> , <b>2021</b> , 35, 38-47   | 2.5 | 2         |
| 62 | 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> , <b>2021</b> , 88, 104073   | 5.8 | 0         |
| 61 | 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 (PRÉdicteurs Individuels, Sociaux et Environnementaux) Study. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 1561-1571 | 4.1 | 2         |
| 60 | Individuals with self-determined motivation for eating have better overall diet quality: Results from the PREDISE study. <i>Appetite</i> , <b>2021</b> , 165, 105426   | 4.5 | 0         |
| 59 | Effects of Daily Raspberry Consumption on Immune-Metabolic Health in Subjects at Risk of Metabolic Syndrome: A Randomized Controlled Trial. <i>Nutrients</i> , <b>2020</b> , 12,   | 6.7 | 7         |
| 58 | 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> , <b>2019</b> , 11,  | 6.7 | 4         |
| 57 | Social Support, but Not Perceived Food Environment, Is Associated with Diet Quality in French-Speaking Canadians from the PREDISE Study. <i>Nutrients</i> , <b>2019</b> , 11,  | 6.7 | 7         |
| 56 | Correlates of the difference in plasma carotenoid concentrations between men and women. <i>British Journal of Nutrition</i> , <b>2019</b> , 121, 172-181   | 3.6 | 10        |
| 55 | Supplementation with Resveratrol and Curcumin Does Not Affect the Inflammatory Response to a High-Fat Meal in Older Adults with Abdominal Obesity: A Randomized, Placebo-Controlled Crossover Trial. <i>Journal of Nutrition</i> , <b>2018</b> , 148, 379-388                                  | 4.1 | 23        |
| 54 | Poor Adherence to Dietary Guidelines Among French-Speaking Adults in the Province of Quebec, Canada: The PREDISE Study. <i>Canadian Journal of Cardiology</i> , <b>2018</b> , 34, 1665-1673  | 3.8 | 19        |
| 53 | Carotenoids as biomarkers of fruit and vegetable intake in men and women. <i>British Journal of Nutrition</i> , <b>2016</b> , 116, 1206-1215   | 3.6 | 32        |
| 52 | Effect of the consumption of lactoglobulin and epigallocatechin-3-gallate with or without calcium on glucose tolerance in C57BL/6 mice. <i>International Journal of Food Sciences and Nutrition</i> , <b>2016</b> , 67, 298-304  | 3.7 | 1         |
| 51 | Antioxidant activity and nutrient release from polyphenol-enriched cheese in a simulated gastrointestinal environment. <i>Food and Function</i> , <b>2016</b> , 7, 1634-44   | 6.1 | 22        |

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|----|---|------|-----|
| 50 | Validity and reliability of a brief self-reported questionnaire assessing fruit and vegetable consumption among pregnant women. <i>BMC Public Health</i> , <b>2016</b> , 16, 982  | 4.1  | 8   |
| 49 | Effect of various calcium concentrations on the interactions between $\beta$ -lactoglobulin and epigallocatechin-3-gallate. <i>International Dairy Journal</i> , <b>2016</b> , 59, 85-90  | 3.5  | 5   |
| 48 | Impact of calcium on the interactions between epigallocatechin-3-gallate and $\beta$ -lactoglobulin. <i>Food Research International</i> , <b>2015</b> , 77, 565-571   | 7    | 18  |
| 47 | Effect of commercial grape extracts on the cheese-making properties of milk. <i>Journal of Dairy Science</i> , <b>2015</b> , 98, 1552-62  | 4    | 37  |
| 46 | Interaction of green tea polyphenols with dairy matrices in a simulated gastrointestinal environment. <i>Food and Function</i> , <b>2014</b> , 5, 2621-31   | 6.1  | 105 |
| 45 | Blood pressure and endothelial function in healthy, pregnant women after acute and daily consumption of flavanol-rich chocolate: a pilot, randomized controlled trial. <i>Nutrition Journal</i> , <b>2013</b> , 12, 41              | 4.3  | 25  |
| 44 | Correlates of reactive hyperemic index in men and postmenopausal women. <i>Vascular Medicine</i> , <b>2013</b> , 18, 340-6  | 3.3  | 7   |
| 43 | Evidence that cranberry juice may improve augmentation index in overweight men. <i>Nutrition Research</i> , <b>2013</b> , 33, 41-9  | 4    | 43  |
| 42 | At-risk serum cholesterol profile at both ends of the nutrition spectrum in West African adults? The Benin study. <i>Nutrients</i> , <b>2013</b> , 5, 1366-83   | 6.7  | 15  |
| 41 | Acute Effects of Polyphenols from Cranberries and Grape Seeds on Endothelial Function and Performance in Elite Athletes. <i>Sports</i> , <b>2013</b> , 1, 55-68   | 3    | 14  |
| 40 | Impact of the Mediterranean diet with and without weight loss on plasma cell adhesion molecule concentrations in men with the metabolic syndrome. <i>Mediterranean Journal of Nutrition and Metabolism</i> , <b>2011</b> , 4, 33-39 | 1.3  | 6   |
| 39 | Impact of the Mediterranean diet with and without weight loss on plasma cell adhesion molecule concentrations in men with the metabolic syndrome. <i>Mediterranean Journal of Nutrition and Metabolism</i> , <b>2010</b> , 4, 33-39 | 1.3  |     |
| 38 | Plasma matrix metalloproteinase (MMP)-9 levels are reduced following low-calorie cranberry juice supplementation in men. <i>Journal of the American College of Nutrition</i> , <b>2009</b> , 28, 694-701                            | 3.5  | 18  |
| 37 | Sex differences in postprandial plasma tumor necrosis factor-alpha, interleukin-6, and C-reactive protein concentrations. <i>Metabolism: Clinical and Experimental</i> , <b>2009</b> , 58, 1593-601                                 | 12.7 | 63  |
| 36 | Low-calorie cranberry juice supplementation reduces plasma oxidized LDL and cell adhesion molecule concentrations in men. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 352-9   | 3.6  | 79  |
| 35 | Evidences of the cardioprotective potential of fruits: the case of cranberries. <i>Molecular Nutrition and Food Research</i> , <b>2007</b> , 51, 692-701  | 5.9  | 67  |
| 34 | Circulating oxidized LDL is associated with parameters of the metabolic syndrome in postmenopausal women. <i>Atherosclerosis</i> , <b>2007</b> , 191, 362-8   | 3.1  | 29  |
| 33 | Associations between hypertriglyceridemia, dietary fat intake, oxidative stress, and endothelial activation in men. <i>Nutrition</i> , <b>2006</b> , 22, 600-8  | 4.8  | 15  |

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| 32 | Favourable impact of low-calorie cranberry juice consumption on plasma HDL-cholesterol concentrations in men. <i>British Journal of Nutrition</i> , <b>2006</b> , 96, 357-64   | 3.6  | 98  |
| 31 | Ethnic differences in body composition and other markers of cardiovascular disease risk: study in matched Haitian and White subjects from Quebec. <i>Obesity</i> , <b>2006</b> , 14, 1019-27   | 8    | 17  |
| 30 | Postprandial variations of plasma inflammatory markers in abdominally obese men. <i>Obesity</i> , <b>2006</b> , 14, 1747-54  | 8    | 109 |
| 29 | Effects of dietary factors on oxidation of low-density lipoprotein particles. <i>Journal of Nutritional Biochemistry</i> , <b>2006</b> , 17, 645-58  | 6.3  | 115 |
| 28 | Contribution of age and declining androgen levels to features of the metabolic syndrome in men. <i>Metabolism: Clinical and Experimental</i> , <b>2005</b> , 54, 1034-40   | 12.7 | 111 |
| 27 | Changes in plasma antioxidant capacity and oxidized low-density lipoprotein levels in men after short-term cranberry juice consumption. <i>Metabolism: Clinical and Experimental</i> , <b>2005</b> , 54, 856-61                        | 12.7 | 113 |
| 26 | Effect of the APOC3 Sst I SNP on fasting triglyceride levels in men heterozygous for the LPL P207L deficiency. <i>European Journal of Human Genetics</i> , <b>2005</b> , 13, 1159-65   | 5.3  | 9   |
| 25 | Circulating levels of oxidative stress markers and endothelial adhesion molecules in men with abdominal obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 6454-9                                    | 5.6  | 150 |
| 24 | Fasting acylation-stimulating protein is predictive of postprandial triglyceride clearance. <i>Journal of Lipid Research</i> , <b>2004</b> , 45, 124-31  | 6.3  | 60  |
| 23 | Effects of long-term overfeeding on plasma lipoprotein levels in identical twins. <i>Atherosclerosis</i> , <b>2004</b> , 173, 277-83   | 3.1  | 11  |
| 22 | Effect of apoC-III gene polymorphisms on the lipoprotein-lipid profile of viscerally obese men. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 986-93  | 6.3  | 14  |
| 21 | Apolipoprotein AI- and AI:All-containing lipoproteins in white men and women of the HERITAGE Family study: Associations with metabolic risk profile variables. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 1530-6 | 12.7 | 6   |
| 20 | Relationship between sex hormone-binding globulin levels and features of the metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 724-30   | 12.7 | 72  |
| 19 | Impact of postprandial variation in triglyceridemia on low-density lipoprotein particle size. <i>Metabolism: Clinical and Experimental</i> , <b>2003</b> , 52, 1379-86   | 12.7 | 37  |
| 18 | Postprandial hyperlipidemia: another correlate of the "hypertriglyceridemic waist" phenotype in men. <i>Atherosclerosis</i> , <b>2003</b> , 171, 327-36  | 3.1  | 97  |
| 17 | Contribution of visceral adiposity to the exaggerated postprandial lipemia of men with impaired glucose tolerance. <i>Diabetes Care</i> , <b>2003</b> , 26, 3303-9   | 14.6 | 46  |
| 16 | Plasma leptin response to an epinephrine infusion in lean and obese women. <i>Obesity</i> , <b>2002</b> , 10, 6-13   |      | 25  |
| 15 | Evidence for impaired lipolysis in abdominally obese men: postprandial study of apolipoprotein B-48- and B-100-containing lipoproteins. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 76, 311-8                        | 7    | 33  |

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|----|---|------|-----|
| 14 | HDL particle size: a marker of the gender difference in the metabolic risk profile. <i>Atherosclerosis</i> , <b>2002</b> , 160, 399-406   | 3.1  | 42  |
| 13 | Effects of the FABP2 A54T mutation on triglyceride metabolism of viscerally obese men. <i>Obesity</i> , <b>2001</b> , 9, 668-75   |      | 19  |
| 12 | Total cholesterol/HDL cholesterol ratio vs LDL cholesterol/HDL cholesterol ratio as indices of ischemic heart disease risk in men: the Quebec Cardiovascular Study. <i>Archives of Internal Medicine</i> , <b>2001</b> , 161, 2685-92   |      | 328 |
| 11 | Effects of endurance exercise training on plasma HDL cholesterol levels depend on levels of triglycerides: evidence from men of the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1226-32 | 9.4  | 216 |
| 10 | Race differences in the response of postheparin plasma lipoprotein lipase and hepatic lipase activities to endurance exercise training in men: results from the HERITAGE Family Study. <i>Atherosclerosis</i> , <b>2001</b> , 159, 399-406  | 3.1  | 30  |
| 9  | Reduced HDL particle size as an additional feature of the atherogenic dyslipidemia of abdominal obesity. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 2007-2014   | 6.3  | 116 |
| 8  | Contribution of body fatness and adipose tissue distribution to the age variation in plasma steroid hormone concentrations in men: the HERITAGE Family Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 1026-31   | 5.6  | 160 |
| 7  | Race, visceral adipose tissue, plasma lipids, and lipoprotein lipase activity in men and women: the Health, Risk Factors, Exercise Training, and Genetics (HERITAGE) family study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 1932-8                                 | 9.4  | 300 |
| 6  | Metabolic heterogeneity underlying postprandial lipemia among men with low fasting high density lipoprotein cholesterol concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 4575-82   | 5.6  | 22  |
| 5  | Hypertriglyceridemic waist: A marker of the atherogenic metabolic triad (hyperinsulinemia; hyperapolipoprotein B; small, dense LDL) in men?. <i>Circulation</i> , <b>2000</b> , 102, 179-84   | 16.7 | 747 |
| 4  | The small, dense LDL phenotype as a correlate of postprandial lipemia in men. <i>Atherosclerosis</i> , <b>2000</b> , 153, 423-32  | 3.1  | 39  |
| 3  | Gender difference in postprandial lipemia : importance of visceral adipose tissue accumulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 2448-55   | 9.4  | 161 |
| 2  | Plasma post-heparin lipase activities in the HERITAGE Family Study: the reproducibility, gender differences, and associations with lipoprotein levels. HEalth, Risk factors, exercise Training and GENetics. <i>Clinical Biochemistry</i> , <b>1999</b> , 32, 157-65                                    | 3.5  | 39  |
| 1  | Plasma high-density lipoprotein cholesterol but not apolipoprotein A-I is a good correlate of the visceral obesity-insulin resistance dyslipidemic syndrome. <i>Metabolism: Clinical and Experimental</i> , <b>1996</b> , 45, 882-8   | 12.7 | 21  |