

Charles Couillard

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.

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	Hypertriglyceridemic waist: A marker of the atherogenic metabolic triad (hyperinsulinemia; hyperapolipoprotein B; small, dense LDL) in men?. <i>Circulation</i> , 2000 , 102, 179-84	16.7	747
66	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> , 2001 , 161, 2685-92		328
65	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> , 2000 , 20, 1932-8	9.4	300
64	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> , 2001 , 21, 1226-32	9.4	216
63	Gender difference in postprandial lipemia : importance of visceral adipose tissue accumulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2448-55	9.4	161
62	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> , 2000 , 85, 1026-31	5.6	160
61	Circulating levels of oxidative stress markers and endothelial adhesion molecules in men with abdominal obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 6454-9	5.6	150
60	Reduced HDL particle size as an additional feature of the atherogenic dyslipidemia of abdominal obesity. <i>Journal of Lipid Research</i> , 2001 , 42, 2007-2014	6.3	116
59	Effects of dietary factors on oxidation of low-density lipoprotein particles. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 645-58	6.3	115
58	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> , 2005 , 54, 856-61	12.7	113
57	Contribution of age and declining androgen levels to features of the metabolic syndrome in men. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1034-40	12.7	111
56	Postprandial variations of plasma inflammatory markers in abdominally obese men. <i>Obesity</i> , 2006 , 14, 1747-54	8	109
55	Interaction of green tea polyphenols with dairy matrices in a simulated gastrointestinal environment. <i>Food and Function</i> , 2014 , 5, 2621-31	6.1	105
54	Favourable impact of low-calorie cranberry juice consumption on plasma HDL-cholesterol concentrations in men. <i>British Journal of Nutrition</i> , 2006 , 96, 357-64	3.6	98
53	Postprandial hyperlipidemia: another correlate of the "hypertriglyceridemic waist" phenotype in men. <i>Atherosclerosis</i> , 2003 , 171, 327-36	3.1	97
52	Low-calorie cranberry juice supplementation reduces plasma oxidized LDL and cell adhesion molecule concentrations in men. <i>British Journal of Nutrition</i> , 2008 , 99, 352-9	3.6	79
51	Relationship between sex hormone-binding globulin levels and features of the metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 724-30	12.7	72

50	Evidences of the cardioprotective potential of fruits: the case of cranberries. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 692-701	5.9	67
49	Sex differences in postprandial plasma tumor necrosis factor-alpha, interleukin-6, and C-reactive protein concentrations. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1593-601	12.7	63
48	Fasting acylation-stimulating protein is predictive of postprandial triglyceride clearance. <i>Journal of Lipid Research</i> , 2004 , 45, 124-31	6.3	60
47	Contribution of visceral adiposity to the exaggerated postprandial lipemia of men with impaired glucose tolerance. <i>Diabetes Care</i> , 2003 , 26, 3303-9	14.6	46
46	Evidence that cranberry juice may improve augmentation index in overweight men. <i>Nutrition Research</i> , 2013 , 33, 41-9	4	43
45	HDL particle size: a marker of the gender difference in the metabolic risk profile. <i>Atherosclerosis</i> , 2002 , 160, 399-406	3.1	42
44	The small, dense LDL phenotype as a correlate of postprandial lipemia in men. <i>Atherosclerosis</i> , 2000 , 153, 423-32	3.1	39
43	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> , 1999 , 32, 157-65	3.5	39
42	Effect of commercial grape extracts on the cheese-making properties of milk. <i>Journal of Dairy Science</i> , 2015 , 98, 1552-62	4	37
41	Impact of postprandial variation in triglyceridemia on low-density lipoprotein particle size. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 1379-86	12.7	37
40	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> , 2002 , 76, 311-8	7	33
39	Carotenoids as biomarkers of fruit and vegetable intake in men and women. <i>British Journal of Nutrition</i> , 2016 , 116, 1206-1215	3.6	32
38	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> , 2001 , 159, 399-406	3.1	30
37	Circulating oxidized LDL is associated with parameters of the metabolic syndrome in postmenopausal women. <i>Atherosclerosis</i> , 2007 , 191, 362-8	3.1	29
36	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> , 2013 , 12, 41	4.3	25
35	Plasma leptin response to an epinephrine infusion in lean and obese women. <i>Obesity</i> , 2002 , 10, 6-13		25
34	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> , 2018 , 148, 379-388	4.1	23
33	Antioxidant activity and nutrient release from polyphenol-enriched cheese in a simulated gastrointestinal environment. <i>Food and Function</i> , 2016 , 7, 1634-44	6.1	22

32	Metabolic heterogeneity underlying postprandial lipemia among men with low fasting high density lipoprotein cholesterol concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 4575-82	5.6	22
31	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> , 1996 , 45, 882-8	12.7	21
30	Effects of the FABP2 A54T mutation on triglyceride metabolism of viscerally obese men. <i>Obesity</i> , 2001 , 9, 668-75		19
29	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	3.8	19
28	Impact of calcium on the interactions between epigallocatechin-3-gallate and β -lactoglobulin. <i>Food Research International</i> , 2015 , 77, 565-571	7	18
27	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> , 2009 , 28, 694-701	3.5	18
26	Ethnic differences in body composition and other markers of cardiovascular disease risk: study in matched Haitian and White subjects from Quebec. <i>Obesity</i> , 2006 , 14, 1019-27	8	17
25	At-risk serum cholesterol profile at both ends of the nutrition spectrum in West African adults? The Benin study. <i>Nutrients</i> , 2013 , 5, 1366-83	6.7	15
24	Associations between hypertriglyceridemia, dietary fat intake, oxidative stress, and endothelial activation in men. <i>Nutrition</i> , 2006 , 22, 600-8	4.8	15
23	Acute Effects of Polyphenols from Cranberries and Grape Seeds on Endothelial Function and Performance in Elite Athletes. <i>Sports</i> , 2013 , 1, 55-68	3	14
22	Effect of apoC-III gene polymorphisms on the lipoprotein-lipid profile of viscerally obese men. <i>Journal of Lipid Research</i> , 2003 , 44, 986-93	6.3	14
21	Effects of long-term overfeeding on plasma lipoprotein levels in identical twins. <i>Atherosclerosis</i> , 2004 , 173, 277-83	3.1	11
20	Correlates of the difference in plasma carotenoid concentrations between men and women. <i>British Journal of Nutrition</i> , 2019 , 121, 172-181	3.6	10
19	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> , 2005 , 13, 1159-65	5.3	9
18	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	4.1	8
17	Correlates of reactive hyperemic index in men and postmenopausal women. <i>Vascular Medicine</i> , 2013 , 18, 340-6	3.3	7
16	Effects of Daily Raspberry Consumption on Immune-Metabolic Health in Subjects at Risk of Metabolic Syndrome: A Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	7
15	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,	6.7	7

14	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> , 2011 , 4, 33-39	1.3	6
13	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> , 2003 , 52, 1530-6	12.7	6
12	Effect of various calcium concentrations on the interactions between β lactoglobulin and epigallocatechin-3-gallate. <i>International Dairy Journal</i> , 2016 , 59, 85-90	3.5	5
11	Intakes of Total, Free, and Naturally Occurring Sugars in the French-Speaking Adult Population of the Province of Qu β ec, Canada: The PREDISE Study. <i>Nutrients</i> , 2019 , 11,	6.7	4
10	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> , 2021 , 35, 38-47	2.5	2
9	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 (PR β dicteurs Individuels, Sociaux et Environnementaux) Study. <i>Journal of Nutrition</i> , 2021 , 151, 1561-1571	4.1	2
8	Effect of the consumption of β 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> , 2016 , 67, 298-304	3.7	1
7	Raspberry consumption: identification of distinct immune-metabolic response profiles by whole blood transcriptome profiling.. <i>Journal of Nutritional Biochemistry</i> , 2022 , 108946	6.3	0
6	An 8-week freeze-dried blueberry supplement impacts immune-related pathways: a randomized, double-blind placebo-controlled trial. <i>Genes and Nutrition</i> , 2021 , 16, 7	4.3	0
5	Individuals with self-determined motivation for eating have better overall diet quality: Results from the PREDISE study. <i>Appetite</i> , 2021 , 165, 105426	4.5	0
4	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> , 2022 , 1-10	3	0
3	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> , 2010 , 4, 33-39	1.3	
2	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 Qu β ec, Canada.. <i>Applied Physiology, Nutrition and Metabolism</i> , 2022 , 1-10	3	
1	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	5.8	