Patrick Couture

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.

229 papers	8,749 citations	49 h-index	83 g-index
235 ext. papers	10,113 ext. citations	5 avg, IF	5.78 L-index

#	Paper	IF	Citations
229	Raspberry consumption: identification of distinct immune-metabolic response profiles by whole blood transcriptome profiling.. *Journal of Nutritional Biochemistry*, **2022**, 108946	6.3	0
228	Changes in systolic blood pressure, postprandial glucose, and gut microbial composition following mango consumption in individuals with overweight and obesity.. *Applied Physiology, Nutrition and Metabolism*, **2022**, 1-10	3	0
227	Influence of the LDL-receptor genotype on statin response in heterozygous familial hypercholesterolemia: insights from the Canadian FH Registry. *Canadian Journal of Cardiology*, **2021**,	3.8	1
226	A Comparative Analysis of the Lipoprotein(a) and Low-Density Lipoprotein Proteomic Profiles Combining Mass Spectrometry and Mendelian Randomization. *CJC Open*, **2021**, 3, 450-459	2	5
225	A combination of single nucleotide polymorphisms is associated with the interindividual variability in the blood lipid response to dietary fatty acid consumption in a randomized clinical trial. *American Journal of Clinical Nutrition*, **2021**, 114, 564-577	7	2
224	Polymorphisms in the stearoyl-CoA desaturase gene modify blood glucose response to dietary oils varying in MUFA content in adults with obesity. *British Journal of Nutrition*, **2021**, 1-10	3.6	1
223	An 8-week freeze-dried blueberry supplement impacts immune-related pathways: a randomized, double-blind placebo-controlled trial. *Genes and Nutrition*, **2021**, 16, 7	4.3	0
222	Correlates of Coronary Artery Calcification Prevalence and Severity in Patients With Heterozygous Familial Hypercholesterolemia. *CJC Open*, **2021**, 3, 62-70	2	2
221	Impact of Diet on Plasma Lipids in Individuals with Heterozygous Familial Hypercholesterolemia: A Systematic Review of Randomized Controlled Nutritional Studies. *Nutrients*, **2021**, 13,	6.7	2
220	2021 Canadian Cardiovascular Society Guidelines for the Management of Dyslipidemia for the Prevention of Cardiovascular Disease in Adults. *Canadian Journal of Cardiology*, **2021**, 37, 1129-1150	3.8	62
219	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). *Lancet, The*, **2021**, 398, 1713-1725	40	14
218	Genetic risk prediction of the plasma triglyceride response to independent supplementations with eicosapentaenoic and docosahexaenoic acids: the ComparED Study. *Genes and Nutrition*, **2020**, 15, 10	4.3	4
217	Prevention of Potential Adverse Metabolic Effects of a Supplementation with Omega-3 Fatty Acids Using a Genetic Score Approach. *Lifestyle Genomics*, **2020**, 13, 32-42	2	3
216	Omega-3 fatty acids: new insights into the impact of eicosapentaenoic and docosahexaenoic acids on lipid and lipoprotein metabolism. *Current Opinion in Lipidology*, **2020**, 31, 38-39	4.4	1
215	Lomitapide for treatment of homozygous familial hypercholesterolemia: The Québec experience. *Atherosclerosis*, **2020**, 310, 54-63	3.1	4
214	Diet Quality, Saturated Fat and Metabolic Syndrome. *Nutrients*, **2020**, 12,	6.7	2
213	Effects of Daily Raspberry Consumption on Immune-Metabolic Health in Subjects at Risk of Metabolic Syndrome: A Randomized Controlled Trial. *Nutrients*, **2020**, 12,	6.7	7

212	Effects of regular-fat and low-fat dairy consumption on daytime ambulatory blood pressure and other cardiometabolic risk factors: a randomized controlled feeding trial. *American Journal of Clinical Nutrition*, **2020**, 111, 42-51	7	9
211	Plasma biomarkers of small intestine adaptations in obesity-related metabolic alterations. *Diabetology and Metabolic Syndrome*, **2020**, 12, 31	5.6	1
210	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. *CJC Open*, **2019**, 1, 131-140	2	17
209	Comparing the serum TAG response to high-dose supplementation of either DHA or EPA among individuals with increased cardiovascular risk: the ComparED study. *British Journal of Nutrition*, **2019**, 121, 1223-1234	3.6	8
208	Assessing the impact of the diet on cardiometabolic outcomes: are multiple measurements post-intervention necessary?. *European Journal of Clinical Nutrition*, **2019**, 73, 1546-1550	5.2	
207	Common Variants in Lipid Metabolism-Related Genes Associate with Fat Mass Changes in Response to Dietary Monounsaturated Fatty Acids in Adults with Abdominal Obesity. *Journal of Nutrition*, **2019**, 149, 1749-1756	4.1	5
206	The Lifelong Burden of Homozygous Familial Hypercholesterolemia. *Canadian Journal of Cardiology* , **2019**, 35, 1419.e1-1419.e4	3.8	2
205	Diets Enriched with Conventional or High-Oleic Acid Canola Oils Lower Atherogenic Lipids and Lipoproteins Compared to a Diet with a Western Fatty Acid Profile in Adults with Central Adiposity. *Journal of Nutrition*, **2019**, 149, 471-478	4.1	31
204	Correlates of the difference in plasma carotenoid concentrations between men and women. *British Journal of Nutrition*, **2019**, 121, 172-181	3.6	10
203	Fine mapping of genome-wide association study signals to identify genetic markers of the plasma triglyceride response to an omega-3 fatty acid supplementation. *American Journal of Clinical Nutrition*, **2019**, 109, 176-185	7	17
202	High serum triglyceride concentrations in patients with homozygous familial hypercholesterolemia attenuate the efficacy of lipoprotein apheresis by dextran sulfate adsorption. *Atherosclerosis*, **2018**, 270, 26-32	3.1	1
201	Saturated Fats from Butter but Not from Cheese Increase HDL-Mediated Cholesterol Efflux Capacity from J774 Macrophages in Men and Women with Abdominal Obesity. *Journal of Nutrition*, **2018**, 148, 573-580	4.1	9
200	Substitution of dietary Ɛ6 polyunsaturated fatty acids for saturated fatty acids decreases LDL apolipoprotein B-100 production rate in men with dyslipidemia associated with insulin resistance: a randomized controlled trial. *American Journal of Clinical Nutrition*, **2018**, 107, 26-34	7	15
199	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. *Journal of Nutrition*, **2018**, 148, 379-388	4.1	23
198	Impact of lipoprotein apheresis with dextran-sulfate adsorption on the expression of genes involved in cardiovascular health in the blood of patients with homozygous familial hypercholesterolemia. *Journal of Clinical Apheresis*, **2018**, 33, 104-107	3.2	1
197	Imputation of Baseline LDL Cholesterol Concentration in Patients with Familial Hypercholesterolemia on Statins or Ezetimibe. *Clinical Chemistry*, **2018**, 64, 355-362	5.5	32
196	High-Dose DHA Has More Profound Effects on LDL-Related Features Than High-Dose EPA: The ComparED Study. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 2909-2917	5.6	20
195	Differential associations between plasma concentrations of insulin and glucose and intestinal expression of key genes involved in chylomicron metabolism. *American Journal of Physiology - Renal Physiology*, **2018**, 315, G177-G184	5.1	4

194	Diets Low in Saturated Fat with Different Unsaturated Fatty Acid Profiles Similarly Increase Serum-Mediated Cholesterol Efflux from THP-1 Macrophages in a Population with or at Risk for Metabolic Syndrome: The Canola Oil Multicenter Intervention Trial. *Journal of Nutrition*, **2018**, 148, 721-728	4.1	7
193	A common variant in ARHGEF10 alters delta-6 desaturase activity and influence susceptibility to hypertriglyceridemia. *Journal of Clinical Lipidology*, **2018**, 12, 311-320.e3	4.9	8
192	Canadian Cardiovascular Society Position Statement on Familial Hypercholesterolemia: Update 2018. *Canadian Journal of Cardiology*, **2018**, 34, 1553-1563	3.8	58
191	Familial hypercholesterolemia in Canada: Initial results from the FH Canada national registry. *Atherosclerosis*, **2018**, 277, 419-424	3.1	10
190	The spectrum of type III hyperlipoproteinemia. *Journal of Clinical Lipidology*, **2018**, 12, 1383-1389	4.9	25
189	Comparing Interviewer-Administered and Web-Based Food Frequency Questionnaires to Predict Energy Requirements in Adults. *Nutrients*, **2018**, 10,	6.7	7
188	Hypertriglyceridemia and cardiovascular risk: a cautionary note about metabolic confounding. *Journal of Lipid Research*, **2018**, 59, 1266-1275	6.3	36
187	Simplified Canadian Definition for Familial Hypercholesterolemia. *Canadian Journal of Cardiology*, **2018**, 34, 1210-1214	3.8	36
186	Plasma PCSK9 correlates with apoB-48-containing triglyceride-rich lipoprotein production in men with insulin resistance. *Journal of Lipid Research*, **2018**, 59, 1501-1509	6.3	4
185	The combination of single nucleotide polymorphisms rs6720173 (ABCG5), rs3808607 (CYP7A1), and rs760241 (DHCR7) is associated with differing serum cholesterol responses to dairy consumption. *Applied Physiology, Nutrition and Metabolism*, **2018**, 43, 1090-1093	3	8
184	Lipid Metabolism and Emerging Targets for Lipid-Lowering Therapy. *Canadian Journal of Cardiology* , **2017**, 33, 872-882	3.8	26
183	C-reactive protein levels are inversely correlated with the apolipoprotein B-48-containing triglyceride-rich lipoprotein production rate in insulin resistant men. *Metabolism: Clinical and Experimental*, **2017**, 68, 163-172	12.7	4
182	Inflammatory gene expression in whole blood cells after EPA vs. DHA supplementation: Results from the ComparED study. *Atherosclerosis*, **2017**, 257, 116-122	3.1	24
181	Long-term treatment with evolocumab added to conventional drug therapy, with or without apheresis, in patients with homozygous familial hypercholesterolaemia: an interim subset analysis of the open-label TAUSSIG study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 280-290	18.1	148
180	Comparison of the impact of SFAs from cheese and butter on cardiometabolic risk factors: a randomized controlled trial. *American Journal of Clinical Nutrition*, **2017**, 105, 800-809	7	54
179	Changes in high-density lipoprotein-carried miRNA contribution to the plasmatic pool after consumption of dietary trans fat in healthy men. *Epigenomics*, **2017**, 9, 669-688	4.4	18
178	Epigenetic changes in blood leukocytes following an omega-3 fatty acid supplementation. *Clinical Epigenetics*, **2017**, 9, 43	7.7	57
177	Does lifestyle contribute to disease severity in patients with inherited lipid disorders?. *Current Opinion in Lipidology*, **2017**, 28, 177-185	4.4	8

176	LDL particle number and size and cardiovascular risk: anything new under the sun?. *Current Opinion in Lipidology*, **2017**, 28, 261-266	4.4	15
175	Lifestyle recommendations for the prevention and management of metabolic syndrome: an international panel recommendation. *Nutrition Reviews*, **2017**, 75, 307-326	6.4	183
174	Supplementation with high-dose docosahexaenoic acid increases the Omega-3 Index more than high-dose eicosapentaenoic acid. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2017**, 120, 8-14	2.8	33
173	Differential impact of the cheese matrix on the postprandial lipid response: a randomized, crossover, controlled trial. *American Journal of Clinical Nutrition*, **2017**, 106, 1358-1365	7	22
172	Genome-Wide Association Study of Dietary Pattern Scores. *Nutrients*, **2017**, 9,	6.7	8
171	Plasma Triglyceride Levels May Be Modulated by Gene Expression of IQCJ, NXPH1, PHF17 and MYB in Humans. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	13
170	The Low-Density Lipoprotein Receptor Genotype Is a Significant Determinant of the Rebound in Low-Density Lipoprotein Cholesterol Concentration After Lipoprotein Apheresis Among Patients With Homozygous Familial Hypercholesterolemia. *Circulation*, **2017**, 136, 880-882	16.7	7
169	The elevation of plasma concentrations of apoB-48-containing lipoproteins in familial hypercholesterolemia is independent of PCSK9 levels. *Lipids in Health and Disease*, **2017**, 16, 119	4.4	3
168	Polymorphisms in FFAR4 (GPR120) Gene Modulate Insulin Levels and Sensitivity after Fish Oil Supplementation. *Journal of Personalized Medicine*, **2017**, 7,	3.6	10
167	Effects of the Mediterranean Diet before and after Weight Loss on Eating Behavioral Traits in Men with Metabolic Syndrome. *Nutrients*, **2017**, 9,	6.7	6
166	Carotenoids as biomarkers of fruit and vegetable intake in men and women. *British Journal of Nutrition*, **2016**, 116, 1206-1215	3.6	32
165	Comprehensive Review of the Impact of Dairy Foods and Dairy Fat on Cardiometabolic Risk. *Advances in Nutrition*, **2016**, 7, 1041-1051	10	85
164	High-density lipoprotein subpopulation profiles in lipoprotein lipase and hepatic lipase deficiency. *Atherosclerosis*, **2016**, 253, 7-14	3.1	17
163	2016 Canadian Cardiovascular Society Guidelines for the Management of Dyslipidemia for the Prevention of Cardiovascular Disease in the Adult. *Canadian Journal of Cardiology*, **2016**, 32, 1263-1282	3.8	543
162	Effects of canola and high-oleic-acid canola oils on abdominal fat mass in individuals with central obesity. *Obesity*, **2016**, 24, 2261-2268	8	51
161	A randomized, crossover, head-to-head comparison of eicosapentaenoic acid and docosahexaenoic acid supplementation to reduce inflammation markers in men and women: the Comparing EPA to DHA (ComparED) Study. *American Journal of Clinical Nutrition*, **2016**, 104, 280-7	7	142
160	n-3 Polyunsaturated Fatty Acid Supplementation Has No Effect on Postprandial Triglyceride-Rich Lipoprotein Kinetics in Men with Type 2 Diabetes. *Journal of Diabetes Research*, **2016**, 2016, 2909210	3.9	8
159	Expression and Sequence Variants of Inflammatory Genes; Effects on Plasma Inflammation Biomarkers Following a 6-Week Supplementation with Fish Oil. *International Journal of Molecular Sciences*, **2016**, 17, 375	6.3	17

158	Comparison of two low-density lipoprotein apheresis systems in patients with homozygous familial hypercholesterolemia. *Journal of Clinical Apheresis*, **2016**, 31, 359-67	3.2	12
157	Novel Genetic Loci Associated with the Plasma Triglyceride Response to an Omega-3 Fatty Acid Supplementation. *Journal of Nutrigenetics and Nutrigenomics*, **2016**, 9, 1-11		17
156	Systematic Review of the Association between Dairy Product Consumption and Risk of Cardiovascular-Related Clinical Outcomes. *Advances in Nutrition*, **2016**, 7, 1026-1040	10	179
155	Common Variants in Cholesterol Synthesis- and Transport-Related Genes Associate with Circulating Cholesterol Responses to Intakes of Conventional Dairy Products in Healthy Individuals. *Journal of Nutrition*, **2016**, 146, 1008-16	4.1	8
154	Variations in HDL-carried miR-223 and miR-135a concentrations after consumption of dietary trans fat are associated with changes in blood lipid and inflammatory markers in healthy men - an exploratory study. *Epigenetics*, **2016**, 11, 438-48	5.7	21
153	Ezetimibe increases intestinal expression of the LDL receptor gene in dyslipidaemic men with insulin resistance. *Diabetes, Obesity and Metabolism*, **2016**, 18, 1226-1235	6.7	6
152	Impact of milk consumption on cardiometabolic risk in postmenopausal women with abdominal obesity. *Nutrition Journal*, **2015**, 14, 12	4.3	35
151	Association between polymorphisms in phospholipase A2 genes and the plasma triglyceride response to an n-3 PUFA supplementation: a clinical trial. *Lipids in Health and Disease*, **2015**, 14, 12	4.4	22
150	Recommended dairy product intake modulates circulating fatty acid profile in healthy adults: a multi-centre cross-over study. *British Journal of Nutrition*, **2015**, 113, 435-44	3.6	36
149	Impact of the Mediterranean Diet on Features of Metabolic Syndrome **2015**, 325-335		
148	Impact of systemic enzyme supplementation on low-grade inflammation in humans. *PharmaNutrition*, **2015**, 3, 83-88	2.9	2
147	Dietary fatty acids, dietary patterns, and lipoprotein metabolism. *Current Opinion in Lipidology*, **2015**, 26, 42-7	4.4	24
146	The contribution of PCSK9 levels to the phenotypic severity of familial hypercholesterolemia is independent of LDL receptor genotype. *Metabolism: Clinical and Experimental*, **2015**, 64, 1541-7	12.7	9
145	High-oleic canola oil consumption enriches LDL particle cholesteryl oleate content and reduces LDL proteoglycan binding in humans. *Atherosclerosis*, **2015**, 238, 231-8	3.1	38
144	Evaluation of iTRAQ and SWATH-MS for the Quantification of Proteins Associated with Insulin Resistance in Human Duodenal Biopsy Samples. *PLoS ONE*, **2015**, 10, e0125934	3.7	37
143	ApoB in Clinical Care **2015**,		8
142	Inter-relationship Between the In vivo Metabolism of Apolipoprotein B100-Containing Lipoproteins and LDL Particle Size and LDL Particle Number. *FASEB Journal*, **2015**, 29, 248.3	0.9	
141	Effect of buttermilk consumption on blood pressure in moderately hypercholesterolemic men and women. *Nutrition*, **2014**, 30, 116-9	4.8	39

140	Calculation of LDL apoB. *Atherosclerosis*, **2014**, 234, 373-6	3.1	4
139	It is time to revisit current dietary recommendations for saturated fat. *Applied Physiology, Nutrition and Metabolism*, **2014**, 39, 1409-11	3	21
138	Dietary medium-chain triglyceride supplementation has no effect on apolipoprotein B-48 and apolipoprotein B-100 kinetics in insulin-resistant men. *American Journal of Clinical Nutrition*, **2014**, 99, 54-61	7	19
137	Key intestinal genes involved in lipoprotein metabolism are downregulated in dyslipidemic men with insulin resistance. *Journal of Lipid Research*, **2014**, 55, 128-37	6.3	20
136	Effects of sitagliptin therapy on markers of low-grade inflammation and cell adhesion molecules in patients with type 2 diabetes. *Metabolism: Clinical and Experimental*, **2014**, 63, 1141-8	12.7	85
135	Impact of dairy consumption on essential hypertension: a clinical study. *Nutrition Journal*, **2014**, 13, 83	4.3	22
134	DHA-enriched high-oleic acid canola oil improves lipid profile and lowers predicted cardiovascular disease risk in the canola oil multicenter randomized controlled trial. *American Journal of Clinical Nutrition*, **2014**, 100, 88-97	7	67
133	An interaction effect between glucokinase gene variation and carbohydrate intakes modulates the plasma triglyceride response to a fish oil supplementation. *Genes and Nutrition*, **2014**, 9, 395	4.3	5
132	Gene-diet interactions with polymorphisms of the MGLL gene on plasma low-density lipoprotein cholesterol and size following an omega-3 polyunsaturated fatty acid supplementation: a clinical trial. *Lipids in Health and Disease*, **2014**, 13, 86	4.4	9
131	Polymorphisms in genes involved in fatty acid □xidation interact with dietary fat intakes to modulate the plasma TG response to a fish oil supplementation. *Nutrients*, **2014**, 6, 1145-63	6.7	16
130	Effect of sitagliptin therapy on triglyceride-rich lipoprotein kinetics in patients with type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2014**, 16, 1223-9	6.7	20
129	Dairy product consumption has no impact on biomarkers of inflammation among men and women with low-grade systemic inflammation. *Journal of Nutrition*, **2014**, 144, 1760-7	4.1	32
128	Effect of an isoenergetic traditional Mediterranean diet on the high-density lipoprotein proteome in men with the metabolic syndrome. *Journal of Nutrigenetics and Nutrigenomics*, **2014**, 7, 48-60		8
127	Effect of Mediterranean diet with and without weight loss on apolipoprotein B100 metabolism in men with metabolic syndrome. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 433-8	9.4	18
126	Effects of FADS and ELOVL polymorphisms on indexes of desaturase and elongase activities: results from a pre-post fish oil supplementation. *Genes and Nutrition*, **2014**, 9, 437	4.3	35
125	Cardiometabolic risk factors are influenced by Stearoyl-CoA Desaturase (SCD) -1 gene polymorphisms and n-3 polyunsaturated fatty acid supplementation. *Molecular Nutrition and Food Research*, **2014**, 58, 1079-86	5.9	19
124	Canadian Cardiovascular Society position statement on familial hypercholesterolemia. *Canadian Journal of Cardiology*, **2014**, 30, 1471-81	3.8	71
123	SREBF1 gene variations modulate insulin sensitivity in response to a fish oil supplementation. *Lipids in Health and Disease*, **2014**, 13, 152	4.4	7

122	Relations of change in plasma levels of LDL-C, non-HDL-C and apoB with risk reduction from statin therapy: a meta-analysis of randomized trials. *Journal of the American Heart Association*, **2014**, 3, e000759	6	74
121	Associations between dairy intake and metabolic risk parameters in a healthy French-Canadian population. *Applied Physiology, Nutrition and Metabolism*, **2014**, 39, 1323-31	3	15
120	Genome-wide association study of the plasma triglyceride response to an n-3 polyunsaturated fatty acid supplementation. *Journal of Lipid Research*, **2014**, 55, 1245-53	6.3	38
119	Consumption of a dietary portfolio of cholesterol lowering foods improves blood lipids without affecting concentrations of fat soluble compounds. *Nutrition Journal*, **2014**, 13, 101	4.3	11
118	Traditional dietary pattern is associated with elevated cholesterol among the Inuit of Nunavik. *Journal of the Academy of Nutrition and Dietetics*, **2014**, 114, 1208-1215.e3	3.9	11
117	Polymorphisms in the MGLL gene are associated with plasma LDL-C response to a marine n-3 PUFA supplementation (1038.1). *FASEB Journal*, **2014**, 28, 1038.1	0.9	
116	Eicosapentaenoic and docosahexaenoic acid supplementation and inflammatory gene expression in the duodenum of obese patients with type 2 diabetes. *Nutrition Journal*, **2013**, 12, 98	4.3	12
115	Effect of an isoenergetic traditional Mediterranean diet on apolipoprotein A-I kinetic in men with metabolic syndrome. *Nutrition Journal*, **2013**, 12, 76	4.3	10
114	Associations between dietary patterns and gene expression profiles of healthy men and women: a cross-sectional study. *Nutrition Journal*, **2013**, 12, 24	4.3	50
113	Differences in metabolomic and transcriptomic profiles between responders and non-responders to an n-3 polyunsaturated fatty acids (PUFAs) supplementation. *Genes and Nutrition*, **2013**, 8, 411-23	4.3	31
112	Effect of the Mediterranean diet on plasma adipokine concentrations in men with metabolic syndrome. *Metabolism: Clinical and Experimental*, **2013**, 62, 1803-10	12.7	24
111	Correlates of reactive hyperemic index in men and postmenopausal women. *Vascular Medicine*, **2013**, 18, 340-6	3.3	7
110	Counterpoint: statins do reduce fatal events. *Journal of Clinical Lipidology*, **2013**, 7, 225-7; discussion 228	4.9	
109	Polymorphisms in genes involved in the triglyceride synthesis pathway and marine omega-3 polyunsaturated fatty acid supplementation modulate plasma triglyceride levels. *Journal of Nutrigenetics and Nutrigenomics*, **2013**, 6, 268-80		8
108	The metabolic signature associated with the Western dietary pattern: a cross-sectional study. *Nutrition Journal*, **2013**, 12, 158	4.3	59
107	Abdominal obesity, insulin resistance, metabolic syndrome and cholesterol homeostasis. *PharmaNutrition*, **2013**, 1, 130-136	2.9	5
106	Impact of dairy products on biomarkers of inflammation: a systematic review of randomized controlled nutritional intervention studies in overweight and obese adults. *American Journal of Clinical Nutrition*, **2013**, 97, 706-17	7	81
105	Evidence that cranberry juice may improve augmentation index in overweight men. *Nutrition Research*, **2013**, 33, 41-9	4	43

104	PCSK9 plays a significant role in cholesterol homeostasis and lipid transport in intestinal epithelial cells. *Atherosclerosis*, **2013**, 227, 297-306	3.1	100
103	2012 update of the Canadian Cardiovascular Society guidelines for the diagnosis and treatment of dyslipidemia for the prevention of cardiovascular disease in the adult. *Canadian Journal of Cardiology*, **2013**, 29, 151-67	3.8	545
102	Transcriptomic and metabolomic signatures of an n-3 polyunsaturated fatty acids supplementation in a normolipidemic/normocholesterolemic Caucasian population. *Journal of Nutritional Biochemistry*, **2013**, 24, 54-61	6.3	54
101	Effects of age, sex, body mass index and APOE genotype on cardiovascular biomarker response to an n-3 polyunsaturated fatty acid supplementation. *Journal of Nutrigenetics and Nutrigenomics*, **2013**, 6, 73-82		34
100	Ezetimibe and bile acid sequestrants: impact on lipoprotein metabolism and beyond. *Current Opinion in Lipidology*, **2013**, 24, 227-32	4.4	25
99	Short-term, high-fat diet increases the expression of key intestinal genes involved in lipoprotein metabolism in healthy men. *American Journal of Clinical Nutrition*, **2013**, 98, 32-41	7	27
98	Polymorphisms, de novo lipogenesis, and plasma triglyceride response following fish oil supplementation. *Journal of Lipid Research*, **2013**, 54, 2866-73	6.3	15
97	Effect of weight loss, independent of change in diet composition, on apolipoprotein AI kinetic in men with metabolic syndrome. *Journal of Lipid Research*, **2013**, 54, 232-7	6.3	9
96	Effect of the Mediterranean diet with and without weight loss on markers of inflammation in men with metabolic syndrome. *Obesity*, **2013**, 21, 51-7	8	107
95	Adding MUFA to a dietary portfolio of cholesterol-lowering foods reduces apoAI fractional catabolic rate in subjects with dyslipidaemia. *British Journal of Nutrition*, **2013**, 110, 426-36	3.6	17
94	Polymorphisms in Fatty Acid Desaturase (FADS) Gene Cluster: Effects on Glycemic Controls Following an Omega-3 Polyunsaturated Fatty Acids (PUFA) Supplementation. *Genes*, **2013**, 4, 485-98	4.2	19
93	Acute Effects of Polyphenols from Cranberries and Grape Seeds on Endothelial Function and Performance in Elite Athletes. *Sports*, **2013**, 1, 55-68	3	14
92	Effect of short-term low- and high-fat diets on low-density lipoprotein particle size in normolipidemic subjects. *Metabolism: Clinical and Experimental*, **2012**, 61, 76-83	12.7	31
91	Effect of the Mediterranean diet with and without weight loss on surrogate markers of cholesterol homeostasis in men with the metabolic syndrome. *British Journal of Nutrition*, **2012**, 107, 705-11	3.6	53
90	Phenotypes of hypertriglyceridemia caused by excess very-low-density lipoprotein. *Journal of Clinical Lipidology*, **2012**, 6, 427-33	4.9	15
89	Association between polymorphisms in the fatty acid desaturase gene cluster and the plasma triacylglycerol response to an n-3 PUFA supplementation. *Nutrients*, **2012**, 4, 1026-41	6.7	43
88	Population-based study of high plasma C-reactive protein concentrations among the Inuit of Nunavik. *International Journal of Circumpolar Health*, **2012**, 71,	1.7	13
87	Low-density lipoprotein-lowering strategies: target versus maximalist versus population percentile. *Current Opinion in Cardiology*, **2012**, 27, 405-11	2.1	15

86	Randomized controlled study of the effect of a butter naturally enriched in trans fatty acids on blood lipids in healthy women. *American Journal of Clinical Nutrition*, **2012**, 95, 318-25	7	34
85	Clinical and molecular characterization of a severe form of partial lipodystrophy expanding the phenotype of PPAR deficiency. *Journal of Lipid Research*, **2012**, 53, 1968-78	6.3	15
84	A novel mutation of apolipoprotein B in a French Canadian family with homozygous hypobetalipoproteinemia. *Journal of Clinical Lipidology*, **2011**, 5, 414-7	4.9	5
83	Effects of neuromedin- on caloric compensation, eating behaviours and habitual food intake. *Appetite*, **2011**, 57, 21-7	4.5	3
82	Effect of sitagliptin therapy on postprandial lipoprotein levels in patients with type 2 diabetes. *Diabetes, Obesity and Metabolism*, **2011**, 13, 366-73	6.7	124
81	Impact of the Mediterranean diet with and without weight loss on plasma cell adhesion molecule concentrations in men with the metabolic syndrome. *Mediterranean Journal of Nutrition and Metabolism*, **2011**, 4, 33-39	1.3	6
80	Comparison of the impact of trans fatty acids from ruminant and industrial sources on surrogate markers of cholesterol homeostasis in healthy men. *Molecular Nutrition and Food Research*, **2011**, 55 Suppl 2, S241-7	5.9	9
79	A randomised crossover placebo-controlled trial investigating the effect of brown seaweed (Ascophyllum nodosum and Fucus vesiculosus) on postchallenge plasma glucose and insulin levels in men and women. *Applied Physiology, Nutrition and Metabolism*, **2011**, 36, 913-9	3	64
78	Atorvastatin increases intestinal expression of NPC1L1 in hyperlipidemic men. *Journal of Lipid Research*, **2011**, 52, 558-65	6.3	72
77	Expression of Sar1b enhances chylomicron assembly and key components of the coat protein complex II system driving vesicle budding. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2692-9	9.4	32
76	Diagnosis and treatment of apolipoprotein B dyslipoproteinemias. *Nature Reviews Endocrinology*, **2010**, 6, 335-46	15.2	81
75	PPARalpha L162V polymorphism alters the potential of n-3 fatty acids to increase lipoprotein lipase activity. *Molecular Nutrition and Food Research*, **2010**, 54, 543-50	5.9	20
74	Assessment of the validity of the frequently used lipid indices for predicting LDL peak particle diameter in a large cohort of 1955 normal and dyslipidemic subjects. *Clinical Biochemistry*, **2010**, 43, 401-6	2.5	10
73	Study of the acute impact of polyphenols from brown seaweeds on glucose control in healthy men and women. *FASEB Journal*, **2010**, 24, 209.4	0.9	1
72	Effects of ezetimibe and simvastatin on apolipoprotein B metabolism in males with mixed hyperlipidemia. *Journal of Lipid Research*, **2009**, 50, 1463-71	6.3	62
71	Omega-3 fatty acids regulate gene expression levels differently in subjects carrying the PPARalpha L162V polymorphism. *Genes and Nutrition*, **2009**, 4, 199-205	4.3	12
70	Plasma matrix metalloproteinase (MMP)-9 levels are reduced following low-calorie cranberry juice supplementation in men. *Journal of the American College of Nutrition*, **2009**, 28, 694-701	3.5	18
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