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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.

330 papers	14,690 citations	63 h-index	106 g-index
346 ext. papers	16,159 ext. citations	4.8 avg, IF	6.62 L-index

#	Paper	IF	Citations
330	Efficacy and Safety of Plant Stanols and Sterols in the Management of Blood Cholesterol Levels. <i>Mayo Clinic Proceedings</i> , 2003 , 78, 965-978	6.4	759
329	Dietary phytosterols: a review of metabolism, benefits and side effects. <i>Life Sciences</i> , 1995 , 57, 195-206	6.8	408
328	Plant sterols and plant stanols in the management of dyslipidaemia and prevention of cardiovascular disease. <i>Atherosclerosis</i> , 2014 , 232, 346-60	3.1	330
327	Dietary monounsaturated fatty acids are protective against metabolic syndrome and cardiovascular disease risk factors. <i>Lipids</i> , 2011 , 46, 209-28	1.6	329
326	Short sleep duration increases energy intakes but does not change energy expenditure in normal-weight individuals. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 410-6	7	327
325	Efficacy and safety of plant stanols and sterols in the management of blood cholesterol levels. <i>Mayo Clinic Proceedings</i> , 2003 , 78, 965-78	6.4	297
324	Anticancer effects of phytosterols. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 813-20	5.2	270
323	Modulation of plasma lipid levels and cholesterol kinetics by phytosterol versus phytostanol esters. <i>Journal of Lipid Research</i> , 2000 , 41, 697-705	6.3	261
322	Dietary phytosterols as cholesterol-lowering agents in humans. <i>Canadian Journal of Physiology and Pharmacology</i> , 1997 , 75, 217-227	2.4	254
321	Medium chain fatty acid metabolism and energy expenditure: obesity treatment implications. <i>Life Sciences</i> , 1998 , 62, 1203-15	6.8	237
320	Potential of resveratrol in anticancer and anti-inflammatory therapy. <i>Nutrition Reviews</i> , 2008 , 66, 445-54	6.4	212
319	Conjugated linoleic acid and obesity control: efficacy and mechanisms. <i>International Journal of Obesity</i> , 2004 , 28, 941-55	5.5	209
318	Cholesterol-lowering effects of oat β -glucan. <i>Nutrition Reviews</i> , 2011 , 69, 299-309	6.4	199
317	Cholesterol-lowering efficacy of a sitostanol-containing phytosterol mixture with a prudent diet in hyperlipidemic men. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 1144-50	7	193
316	Plant sterols: factors affecting their efficacy and safety as functional food ingredients. <i>Lipids in Health and Disease</i> , 2004 , 3, 5	4.4	183
315	Consumption of fermented and nonfermented dairy products: effects on cholesterol concentrations and metabolism. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 674-81	7	180
314	Medium-chain triglycerides increase energy expenditure and decrease adiposity in overweight men. <i>Obesity</i> , 2003 , 11, 395-402		171

313	The social consequences of transport decision-making: clarifying concepts, synthesising knowledge and assessing implications. <i>Journal of Transport Geography</i> , 2012 , 21, 4-16	5.2	155
312	Phytosterols as functional food ingredients: linkages to cardiovascular disease and cancer. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009 , 12, 147-51	3.8	144
311	Unesterified plant sterols and stanols lower LDL-cholesterol concentrations equivalently in hypercholesterolemic persons. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 1272-8	7	136
310	Evidence of health benefits of canola oil. <i>Nutrition Reviews</i> , 2013 , 71, 370-85	6.4	134
309	Probiotics and their potential health claims. <i>Nutrition Reviews</i> , 2006 , 64, 265-74	6.4	133
308	Polyunsaturated:saturated ratio of diet fat influences energy substrate utilization in the human. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 145-51	12.7	132
307	Effect of a dietary portfolio of cholesterol-lowering foods given at 2 levels of intensity of dietary advice on serum lipids in hyperlipidemia: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 831-9	27.4	131
306	Curcumin and cancer: barriers to obtaining a health claim. <i>Nutrition Reviews</i> , 2015 , 73, 155-65	6.4	129
305	Evolution of the human diet: linking our ancestral diet to modern functional foods as a means of chronic disease prevention. <i>Journal of Medicinal Food</i> , 2009 , 12, 925-34	2.8	119
304	Dietary conjugated linoleic acid and body composition. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 1153S-1158S	7	115
303	Enhanced increase of omega-3 index in healthy individuals with response to 4-week n-3 fatty acid supplementation from krill oil versus fish oil. <i>Lipids in Health and Disease</i> , 2013 , 12, 178	4.4	106
302	Current Evidence Supporting the Link Between Dietary Fatty Acids and Cardiovascular Disease. <i>Lipids</i> , 2016 , 51, 507-17	1.6	105
301	Plasma concentrations of plant sterols: physiology and relationship with coronary heart disease. <i>Nutrition Reviews</i> , 2006 , 64, 385-402	6.4	104
300	Kefir consumption does not alter plasma lipid levels or cholesterol fractional synthesis rates relative to milk in hyperlipidemic men: a randomized controlled trial [ISRCTN10820810]. <i>BMC Complementary and Alternative Medicine</i> , 2002 , 2, 1	4.7	102
299	Effect of a very-high-fiber vegetable, fruit, and nut diet on serum lipids and colonic function. <i>Metabolism: Clinical and Experimental</i> , 2001 , 50, 494-503	12.7	101
298	High Molecular Weight Barley β -Glucan Alters Gut Microbiota Toward Reduced Cardiovascular Disease Risk. <i>Frontiers in Microbiology</i> , 2016 , 7, 129	5.7	101
297	Medium- versus long-chain triglycerides for 27 days increases fat oxidation and energy expenditure without resulting in changes in body composition in overweight women. <i>International Journal of Obesity</i> , 2003 , 27, 95-102	5.5	92
296	High-oleic rapeseed (canola) and flaxseed oils modulate serum lipids and inflammatory biomarkers in hypercholesterolaemic subjects. <i>British Journal of Nutrition</i> , 2011 , 105, 417-27	3.6	91

295	Dietary oils and FADS1-FADS2 genetic variants modulate [13C]linolenic acid metabolism and plasma fatty acid composition. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 195-207	7	90
294	Differences in the regulation of adipose tissue and liver lipogenesis by carbohydrates in humans. <i>Journal of Lipid Research</i> , 2003 , 44, 846-53	6.3	90
293	Role of vanadium in nutrition: metabolism, essentiality and dietary considerations. <i>Life Sciences</i> , 1993 , 52, 339-46	6.8	86
292	Red yeast rice: a new hypolipidemic drug. <i>Life Sciences</i> , 2004 , 74, 2675-83	6.8	85
291	Blood pressure lowering effect of a pea protein hydrolysate in hypertensive rats and humans. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 9854-60	5.7	84
290	Best practices for the design, laboratory analysis, and reporting of trials involving fatty acids. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 211-227	7	84
289	Safety, tolerability, pharmacokinetics, and pharmacodynamics of multiple rising doses of empagliflozin in patients with type 2 diabetes mellitus. <i>Diabetes Therapy</i> , 2013 , 4, 331-45	3.6	82
288	Functional food development: concept to reality. <i>Trends in Food Science and Technology</i> , 2007 , 18, 387-393	5.3	82
287	Greater rise in fat oxidation with medium-chain triglyceride consumption relative to long-chain triglyceride is associated with lower initial body weight and greater loss of subcutaneous adipose tissue. <i>International Journal of Obesity</i> , 2003 , 27, 1565-71	5.5	82
286	Role of policosanols in the prevention and treatment of cardiovascular disease. <i>Nutrition Reviews</i> , 2003 , 61, 376-83	6.4	81
285	Dietary fat type and energy restriction interactively influence plasma leptin concentration in rats. <i>Journal of Lipid Research</i> , 1998 , 39, 1655-1660	6.3	78
284	<i>Lactobacillus fermentum</i> and <i>Lactobacillus amylovorus</i> as probiotics alter body adiposity and gut microflora in healthy persons. <i>Journal of Functional Foods</i> , 2013 , 5, 116-123	5.1	77
283	Guar gum and similar soluble fibers in the regulation of cholesterol metabolism: current understandings and future research priorities. <i>Vascular Health and Risk Management</i> , 2008 , 4, 1023-33	4.4	76
282	Physiological and therapeutic factors affecting cholesterol metabolism: does a reciprocal relationship between cholesterol absorption and synthesis really exist?. <i>Life Sciences</i> , 2007 , 80, 505-14	6.8	74
281	Influence of dietary fat polyunsaturated to saturated ratio on energy substrate utilization in obesity. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 396-401	12.7	74
280	Polycystic Kidney Disease with Hyperinsulinemic Hypoglycemia Caused by a Promoter Mutation in Phosphomannomutase 2. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2529-2539	12.7	73
279	Dietary cholesterol feeding suppresses human cholesterol synthesis measured by deuterium incorporation and urinary mevalonic acid levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996 , 16, 1222-8	9.4	72
278	Plant sterols are efficacious in lowering plasma LDL and non-HDL cholesterol in hypercholesterolemic type 2 diabetic and nondiabetic persons. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1351-8	7	71

277	Placental blood flow in rats fed alcohol before and during gestation. <i>Life Sciences</i> , 1981 , 29, 1153-9	6.8	69
276	DHA-enriched high-oleic acid canola oil improves lipid profile and lowers predicted cardiovascular disease risk in the canola oil multicenter randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 88-97	7	67
275	Anti-atherogenic effects of resveratrol. <i>European Journal of Clinical Nutrition</i> , 2010 , 64, 660-8	5.2	67
274	The effect of dietary oleic, linoleic, and linolenic acids on fat oxidation and energy expenditure in healthy men. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 1198-203	12.7	67
273	The effect of cholesteryl ester transfer protein inhibition on lipids, lipoproteins, and markers of HDL function after an acute coronary syndrome: the dal-ACUTE randomized trial. <i>European Heart Journal</i> , 2014 , 35, 1792-800	9.5	66
272	Phytosterols in low- and nonfat beverages as part of a controlled diet fail to lower plasma lipid levels. <i>Journal of Lipid Research</i> , 2003 , 44, 1713-9	6.3	66
271	Soy protein reduces triglyceride levels and triglyceride fatty acid fractional synthesis rate in hypercholesterolemic subjects. <i>Atherosclerosis</i> , 2004 , 173, 269-75	3.1	66
270	Dietary phytosterols as cholesterol-lowering agents in humans. <i>Canadian Journal of Physiology and Pharmacology</i> , 1997 , 75, 217-27	2.4	66
269	Childbirth: life event or start of a long-term difficulty? Further data from the Stoke-on-Trent controlled study of postnatal depression. <i>British Journal of Psychiatry</i> , 1995 , 166, 595-600	5.4	65
268	Phytosterols partially explain differences in cholesterol metabolism caused by corn or olive oil feeding. <i>Journal of Lipid Research</i> , 1998 , 39, 892-900	6.3	64
267	Fish oil for the reduction of atrial fibrillation recurrence, inflammation, and oxidative stress. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1441-8	15.1	62
266	Anti-inflammatory effect of <i>Inonotus obliquus</i> , <i>Polygala senega</i> L., and <i>Viburnum trilobum</i> in a cell screening assay. <i>Journal of Ethnopharmacology</i> , 2009 , 125, 487-93	5	62
265	Hypocholesterolemic and anti-obesity effects of saponins from <i>Platycodon grandiflorum</i> in hamsters fed atherogenic diets. <i>Journal of Food Science</i> , 2008 , 73, H195-200	3.4	62
264	Oleic acid-derived oleoylethanolamide: A nutritional science perspective. <i>Progress in Lipid Research</i> , 2017 , 67, 1-15	14.3	61
263	Fish-oil esters of plant sterols improve the lipid profile of dyslipidemic subjects more than do fish-oil or sunflower oil esters of plant sterols. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 1534-42	7	61
262	Effect of plant sterols and glucomannan on lipids in individuals with and without type II diabetes. <i>European Journal of Clinical Nutrition</i> , 2006 , 60, 529-37	5.2	61
261	Dietary sitostanol reciprocally influences cholesterol absorption and biosynthesis in hamsters and rabbits. <i>Atherosclerosis</i> , 1999 , 143, 341-51	3.1	61
260	Phytosterols and human lipid metabolism: efficacy, safety, and novel foods. <i>Lipids</i> , 2003 , 38, 367-75	1.6	60

259	Cholesterol-lowering efficacy of plant sterols/stanols provided in capsule and tablet formats: results of a systematic review and meta-analysis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2013 , 113, 1494-1503	3.9	59
258	Implementing phytosterols into medical practice as a cholesterol-lowering strategy: overview of efficacy, effectiveness, and safety. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1225-32	3.8	58
257	Impact of bedtime snack composition on prevention of nocturnal hypoglycemia in adults with type 1 diabetes undergoing intensive insulin management using lispro insulin before meals: a randomized, placebo-controlled, crossover trial. <i>Diabetes Care</i> , 2003 , 26, 9-15	14.6	57
256	Micellar solubilisation of cholesterol is essential for absorption in humans. <i>Gut</i> , 2006 , 55, 197-204	19.2	56
255	Glycemic responses and sensory characteristics of whole yellow pea flour added to novel functional foods. <i>Journal of Food Science</i> , 2009 , 74, S385-9	3.4	55
254	Short-term administration of tall oil phytosterols improves plasma lipid profiles in subjects with different cholesterol levels. <i>Metabolism: Clinical and Experimental</i> , 1998 , 47, 751-6	12.7	55
253	Effects of policosanols and phytosterols on lipid levels and cholesterol biosynthesis in hamsters. <i>Lipids</i> , 2003 , 38, 165-70	1.6	55
252	Comparison of the impact of SFAs from cheese and butter on cardiometabolic risk factors: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 800-809	7	54
251	Whole and fractionated yellow pea flours reduce fasting insulin and insulin resistance in hypercholesterolaemic and overweight human subjects. <i>British Journal of Nutrition</i> , 2011 , 105, 110-7	3.6	54
250	Lovastatin decreases de novo cholesterol synthesis and LDL Apo B-100 production rates in combined-hyperlipidemic males. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 1910-7	9.4	54
249	Polymorphisms in ABCG5/G8 transporters linked to hypercholesterolemia and gallstone disease. <i>Nutrition Reviews</i> , 2008 , 66, 343-8	6.4	54
248	Leptin and its role in lipid metabolism. <i>Current Opinion in Lipidology</i> , 2001 , 12, 321-7	4.4	54
247	Role of isoflavones in the hypocholesterolemic effect of soy. <i>Nutrition Reviews</i> , 2003 , 61, 189-203	6.4	53
246	Effects of canola and high-oleic-acid canola oils on abdominal fat mass in individuals with central obesity. <i>Obesity</i> , 2016 , 24, 2261-2268	8	51
245	Phytosterols in human nutrition: Type, formulation, delivery, and physiological function. <i>European Journal of Lipid Science and Technology</i> , 2011 , 113, 1427-1432	3	51
244	Cholesterol-lowering efficacy of plant sterols in low-fat yogurt consumed as a snack or with a meal. <i>Journal of the American College of Nutrition</i> , 2008 , 27, 588-95	3.5	50
243	Interactions between Obesity Status and Dietary Intake of Monounsaturated and Polyunsaturated Oils on Human Gut Microbiome Profiles in the Canola Oil Multicenter Intervention Trial (COMIT). <i>Frontiers in Microbiology</i> , 2016 , 7, 1612	5.7	50
242	Non-cholesterol sterols and cholesterol metabolism in sitosterolemia. <i>Atherosclerosis</i> , 2013 , 231, 291-9	3.1	49

241	Conjugated linoleic acids: why the discrepancy between animal and human studies?. <i>Nutrition Reviews</i> , 2008 , 66, 415-21	6.4	49
240	Genetic variation in ABC G5/G8 and NPC1L1 impact cholesterol response to plant sterols in hypercholesterolemic men. <i>Lipids</i> , 2008 , 43, 1155-64	1.6	49
239	Consumption of an oil composed of medium chain triacylglycerols, phytosterols, and N-3 fatty acids improves cardiovascular risk profile in overweight women. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 771-7	12.7	47
238	Enhanced postprandial energy expenditure with medium-chain fatty acid feeding is attenuated after 14 d in premenopausal women. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 883-9	7	47
237	Measurement of total energy expenditure by the doubly labelled water method in professional soccer players. <i>Journal of Sports Sciences</i> , 2002 , 20, 391-7	3.6	46
236	Dietary sitostanol reduces plaque formation but not lecithin cholesterol acyl transferase activity in rabbits. <i>Atherosclerosis</i> , 1998 , 138, 101-10	3.1	46
235	Combined effect of vegetable protein (soy) and soluble fiber added to a standard cholesterol-lowering diet. <i>Metabolism: Clinical and Experimental</i> , 1999 , 48, 809-16	12.7	46
234	Fish-oil esters of plant sterols differ from vegetable-oil sterol esters in triglycerides lowering, carotenoid bioavailability and impact on plasminogen activator inhibitor-1 (PAI-1) concentrations in hypercholesterolemic subjects. <i>Lipids in Health and Disease</i> , 2007 , 6, 28	4.4	45
233	No changes in serum fat-soluble vitamin and carotenoid concentrations with the intake of plant sterol/stanol esters in the context of a controlled diet. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 652-6	12.7	45
232	Total energy expenditure of elite synchronized swimmers measured by the doubly labeled water method. <i>European Journal of Applied Physiology</i> , 2000 , 83, 1-6	3.4	45
231	High basal fractional cholesterol synthesis is associated with nonresponse of plasma LDL cholesterol to plant sterol therapy. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 41-6	7	44
230	Effects of variable dietary sitostanol concentrations on plasma lipid profile and phytosterol metabolism in hamsters. <i>Lipids and Lipid Metabolism</i> , 1998 , 1390, 237-44		44
229	Methodological considerations for the harmonization of non-cholesterol sterol bio-analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 957, 116-22	3.2	43
228	Enhanced efficacy of sitostanol-containing versus sitostanol-free phytosterol mixtures in altering lipoprotein cholesterol levels and synthesis in rats. <i>Atherosclerosis</i> , 1995 , 118, 319-31	3.1	43
227	Conjugated linoleic acid supplementation for 8 weeks does not affect body composition, lipid profile, or safety biomarkers in overweight, hyperlipidemic men. <i>Journal of Nutrition</i> , 2011 , 141, 1286-91 ^{4.1}		42
226	Cholesterol and apolipoprotein B metabolism in Tangier disease. <i>Atherosclerosis</i> , 2001 , 159, 231-6	3.1	42
225	Olive oil containing olive oil fatty acid esters of plant sterols and dietary diacylglycerol reduces low-density lipoprotein cholesterol and decreases the tendency for peroxidation in hypercholesterolaemic subjects. <i>British Journal of Nutrition</i> , 2007 , 98, 563-70	3.6	41
224	Synthesis of specific fatty acids contributes to VLDL-triacylglycerol composition in humans with and without type 2 diabetes. <i>Diabetologia</i> , 2009 , 52, 1628-37	10.3	40

223	Plant sterols and endurance training combine to favorably alter plasma lipid profiles in previously sedentary hypercholesterolemic adults after 8 wk. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1159-66	7.6	40
222	Cholesterol-lowering effect of plant sterols. <i>Current Atherosclerosis Reports</i> , 2008 , 10, 467-72	6	39
221	Effects of early cholesterol intake on cholesterol biosynthesis and plasma lipids among infants until 18 months of age. <i>Pediatrics</i> , 2005 , 115, 1594-601	7.4	39
220	The reliability of bioelectrical impedance analysis for measuring changes in the body composition of patients with anorexia nervosa. <i>International Journal of Eating Disorders</i> , 1996 , 19, 311-5	6.3	39
219	High-oleic canola oil consumption enriches LDL particle cholesteryl oleate content and reduces LDL proteoglycan binding in humans. <i>Atherosclerosis</i> , 2015 , 238, 231-8	3.1	38
218	Comparison of deuterium incorporation and mass isotopomer distribution analysis for measurement of human cholesterol biosynthesis. <i>Journal of Lipid Research</i> , 2000 , 41, 1516-1523	6.3	38
217	Testosterone undecanoate improves sexual function in men with type 2 diabetes and severe hypogonadism: results from a 30-week randomized placebo-controlled study. <i>BJU International</i> , 2016 , 118, 804-813	5.6	38
216	Nutrition economics - characterising the economic and health impact of nutrition. <i>British Journal of Nutrition</i> , 2011 , 105, 157-66	3.6	37
215	Plant sterols combined with exercise for the treatment of hypercholesterolemia: overview of independent and synergistic mechanisms of action. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 217-24	6.3	37
214	Cholic acid supplementation enhances cholesterol absorption in humans. <i>Gastroenterology</i> , 2004 , 126, 724-31	13.3	37
213	Injected phytosterols/stanols suppress plasma cholesterol levels in hamsters. <i>Journal of Nutritional Biochemistry</i> , 2001 , 12, 565-574	6.3	36
212	Validation of deuterium incorporation against sterol balance for measurement of human cholesterol biosynthesis. <i>Journal of Lipid Research</i> , 1998 , 39, 1111-1117	6.3	36
211	High-Molecular-Weight β -Glucan Decreases Serum Cholesterol Differentially Based on the CYP7A1 rs3808607 Polymorphism in Mildly Hypercholesterolemic Adults. <i>Journal of Nutrition</i> , 2016 , 146, 720-7	4.1	35
210	Effects of dietary cholesterol and simvastatin on cholesterol synthesis in Smith-Lemli-Opitz syndrome. <i>Pediatric Research</i> , 2009 , 65, 681-5	3.2	35
209	Low and moderate-fat plant sterol fortified soymilk in modulation of plasma lipids and cholesterol kinetics in subjects with normal to high cholesterol concentrations: report on two randomized crossover studies. <i>Lipids in Health and Disease</i> , 2009 , 8, 45	4.4	35
208	Milk enriched with conjugated linoleic acid fails to alter blood lipids or body composition in moderately overweight, borderline hyperlipidemic individuals. <i>Journal of the American College of Nutrition</i> , 2010 , 29, 152-9	3.5	35
207	Service users' views of physical restraint procedures in secure settings for people with learning disabilities. <i>British Journal of Learning Disabilities</i> , 2007 , 35, 50-54	1	35
206	A role for dietary fat in leptin receptor, OB-Rb, function. <i>Life Sciences</i> , 2001 , 69, 987-1003	6.8	35

205	Prediction of energy needs for clinical studies. <i>Nutrition Research</i> , 1985 , 5, 123-129	4	35
204	Dietary Fatty Acid Composition Modulates Obesity and Interacts with Obesity-Related Genes. <i>Lipids</i> , 2017 , 52, 803-822	1.6	34
203	Comparison of the effect of dietary fat restriction with that of energy restriction on human lipid metabolism. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 262-7	7	34
202	Functional foods for the prevention and treatment of cardiovascular diseases: cholesterol and beyond. <i>Expert Review of Cardiovascular Therapy</i> , 2007 , 5, 477-90	2.5	33
201	Dairy product consumption has no impact on biomarkers of inflammation among men and women with low-grade systemic inflammation. <i>Journal of Nutrition</i> , 2014 , 144, 1760-7	4.1	32
200	Plant sterol consumption frequency affects plasma lipid levels and cholesterol kinetics in humans. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 747-55	5.2	32
199	Effect of exogenous insulin on protein metabolism with differing nonprotein energy intakes in Type 2 diabetes mellitus. <i>International Journal of Obesity</i> , 1998 , 22, 250-61	5.5	32
198	Endogenous fat oxidation during medium chain versus long chain triglyceride feeding in healthy women. <i>International Journal of Obesity</i> , 2000 , 24, 1158-66	5.5	32
197	Novel technologies in nutrition research/Nouvelles technologies dans la recherche en nutrition Tracing lipogenesis in humans using deuterated water. <i>Canadian Journal of Physiology and Pharmacology</i> , 1996 , 74, 755-760	2.4	32
196	Plasma fatty acid changes following consumption of dietary oils containing n-3, n-6, and n-9 fatty acids at different proportions: preliminary findings of the Canola Oil Multicenter Intervention Trial (COMIT). <i>Trials</i> , 2014 , 15, 136	2.8	31
195	Effect of dietary sphingomyelin on absorption and fractional synthetic rate of cholesterol and serum lipid profile in humans. <i>Lipids in Health and Disease</i> , 2013 , 12, 125	4.4	31
194	Influence of dietary fatty acid composition on cholesterol synthesis and esterification in hamsters. <i>Lipids</i> , 1990 , 25, 815-20	1.6	31
193	Modulation of plasma N-acyl ethanolamine levels and physiological parameters by dietary fatty acid composition in humans. <i>Journal of Lipid Research</i> , 2014 , 55, 2655-64	6.3	30
192	Corn fiber oil and sitostanol decrease cholesterol absorption independently of intestinal sterol transporters in hamsters. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 229-36	6.3	30
191	Single nucleotide polymorphisms in ABCG5 and ABCG8 are associated with changes in cholesterol metabolism during weight loss. <i>Journal of Lipid Research</i> , 2007 , 48, 2607-13	6.3	30
190	Impact of hydrogenated fat consumption on endogenous cholesterol synthesis and susceptibility of low-density lipoprotein to oxidation in moderately hypercholesterolemic individuals. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 241-7	12.7	30
189	Nutrigenetics of cholesterol metabolism: observational and dietary intervention studies in the postgenomic era. <i>Nutrition Reviews</i> , 2015 , 73, 523-43	6.4	29
188	Ezetimibe reduces plant sterol accumulation and favorably increases platelet count in sitosterolemia. <i>Journal of Pediatrics</i> , 2015 , 166, 125-31	3.6	29

187	Effect of plant sterol-enriched diets on plasma and egg yolk cholesterol concentrations and cholesterol metabolism in laying hens. <i>Poultry Science</i> , 2010 , 89, 270-5	3.9	29
186	Are functional foods redefining nutritional requirements?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 118-23	3	29
185	Baseline plasma plant sterol concentrations do not predict changes in serum lipids, C-reactive protein (CRP) and plasma plant sterols following intake of a plant sterol-enriched food. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 543-51	5.2	28
184	Plasma noncholesterol sterols: current uses, potential and need for standardization. <i>Current Opinion in Lipidology</i> , 2012 , 23, 241-247	4.4	28
183	Serum lipids, plant sterols, and cholesterol kinetic responses to plant sterol supplementation in phytosterolemia heterozygotes and control individuals. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 837-44	7	28
182	Association between non-responsiveness to plant sterol intervention and polymorphisms in cholesterol metabolism genes: a case-control study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 728-34	3	28
181	The Garden of Eden--plant based diets, the genetic drive to conserve cholesterol and its implications for heart disease in the 21st century. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003 , 136, 141-51	2.6	28
180	Longer term effects of early dietary cholesterol level on synthesis and circulating cholesterol concentrations in human infants. <i>Metabolism: Clinical and Experimental</i> , 2002 , 51, 25-33	12.7	28
179	Hydrogenated fat consumption affects acylation-stimulating protein levels and cholesterol esterification rates in moderately hypercholesterolemic women. <i>Journal of Lipid Research</i> , 2001 , 42, 1841-1848	6.3	28
178	Health economics and nutrition: a review of published evidence. <i>Nutrition Reviews</i> , 2012 , 70, 693-708	6.4	27
177	Plant sterols and their derivatives: the current spread of results. <i>Nutrition Reviews</i> , 2001 , 59, 21-4	6.4	27
176	Effects of chenodeoxycholic acid and deoxycholic acid on cholesterol absorption and metabolism in humans. <i>Translational Research</i> , 2006 , 148, 37-45	11	27
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