

Kirsten B Holven

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.

106
papers

1,422
citations

22
h-index

32
g-index

114
ext. papers

1,890
ext. citations

4
avg, IF

4.78
L-index

#	Paper	IF	Citations
106	Effects of dietary and exercise treatments on HDL subclasses in lactating women with overweight and obesity: a secondary analysis of an RCT.. <i>British Journal of Nutrition</i> , 2022 , 1-31	3.6	
105	Effects of changing from a diet with saturated fat to a diet with n-6 polyunsaturated fat on the serum metabolome in relation to cardiovascular disease risk factors.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	1
104	Salmon fish protein supplement increases serum vitamin B12 and selenium concentrations: secondary analysis of a randomised controlled trial.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	1
103	LongITools: Dynamic longitudinal exposome trajectories in cardiovascular and metabolic noncommunicable diseases.. <i>Environmental Epidemiology</i> , 2022 , 6, e184	0.2	1
102	Association of Familial Hypercholesterolemia and Statin Use With Risk of Dementia in Norway.. <i>JAMA Network Open</i> , 2022 , 5, e227715	10.4	0
101	A Three-Day Intervention With Granola Containing Cereal Beta-Glucan Improves Glycemic Response and Changes the Gut Microbiota in Healthy Individuals: A Crossover Study.. <i>Frontiers in Nutrition</i> , 2022 , 9, 796362	6.2	0
100	Replacing Saturated Fat with Polyunsaturated Fat Modulates Peripheral Blood Mononuclear Cell Gene Expression and Pathways Related to Cardiovascular Disease Risk Using a Whole Transcriptome Approach. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100633	5.9	1
99	Long term follow-up of children with familial hypercholesterolemia and relatively normal LDL-cholesterol at diagnosis. <i>Journal of Clinical Lipidology</i> , 2021 , 15, 375-378	4.9	1
98	Novel associations between parental and newborn cord blood metabolic profiles in the Norwegian Mother, Father and Child Cohort Study. <i>BMC Medicine</i> , 2021 , 19, 91	11.4	3
97	DNA glycosylase Neil3 regulates vascular smooth muscle cell biology during atherosclerosis development. <i>Atherosclerosis</i> , 2021 , 324, 123-132	3.1	4
96	Cardiovascular Risk Factors are Inversely Associated With Omega-3 Polyunsaturated Fatty Acid Plasma Levels in Pediatric Kidney Transplant Recipients. <i>Journal of Renal Nutrition</i> , 2021 , 31, 278-285	3	1
95	The homeoviscous adaptation to dietary lipids (HADL) hypothesis is probably incorrect. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1711-1712	7	
94	Thirty percent of children and young adults with familial hypercholesterolemia treated with statins have adherence issues. <i>American Journal of Preventive Cardiology</i> , 2021 , 6, 100180	1.9	0
93	Cholesterol at ages 6, 12 and 24 months: Tracking and associations with diet and maternal cholesterol in the Infant Cholesterol Study. <i>Atherosclerosis</i> , 2021 , 326, 11-16	3.1	1
92	Subjects with familial hypercholesterolemia have lower aortic valve area and higher levels of inflammatory biomarkers. <i>Journal of Clinical Lipidology</i> , 2021 , 15, 134-141	4.9	3
91	Beneficial effect on serum cholesterol levels, but not glycaemic regulation, after replacing SFA with PUFA for 3 d: a randomised crossover trial. <i>British Journal of Nutrition</i> , 2021 , 125, 915-925	3.6	3
90	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. <i>Mutation Research - Reviews in Mutation Research</i> , 2021 , 787, 108371	7	16

89	Genetic testing is essential for initiating statin therapy in children with familial hypercholesterolemia: Examples from Scandinavia. <i>Atherosclerosis</i> , 2021 , 316, 48-52	3.1	2
88	Gender differences in nutrition literacy levels among university students and employees: a descriptive study. <i>Journal of Nutritional Science</i> , 2021 , 10, e56	2.7	2
87	2.5-fold increased risk of recurrent acute myocardial infarction with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2021 , 319, 28-34	3.1	3
86	Comparison of the mutation spectrum and association with pre and post treatment lipid measures of children with heterozygous familial hypercholesterolaemia (FH) from eight European countries. <i>Atherosclerosis</i> , 2021 , 319, 108-117	3.1	5
85	Children with familial hypercholesterolemia display changes in LDL and HDL function: A cross-sectional study. <i>Journal of Internal Medicine</i> , 2021 , 290, 1083-1097	10.8	1
84	Loss of statin treatment years during pregnancy and breastfeeding periods in women with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2021 , 335, 8-15	3.1	1
83	A comprehensive metabolic profiling of the metabolically healthy obesity phenotype. <i>Lipids in Health and Disease</i> , 2020 , 19, 90	4.4	8
82	Prevalence of genetically verified familial hypercholesterolemia among young (. <i>Journal of Clinical Lipidology</i> , 2020 , 14, 339-345	4.9	2
81	Fatty acid profile and estimated desaturase activities in whole blood are associated with metabolic health. <i>Lipids in Health and Disease</i> , 2020 , 19, 102	4.4	8
80	Dairy products influence gut hormone secretion and appetite differently: A randomized controlled crossover trial. <i>Journal of Dairy Science</i> , 2020 , 103, 1100-1109	4	3
79	Comparison of the characteristics at diagnosis and treatment of children with heterozygous familial hypercholesterolaemia (FH) from eight European countries. <i>Atherosclerosis</i> , 2020 , 292, 178-187	3.1	17
78	Metabolomic and gene expression analysis to study the effects of dietary saturated and polyunsaturated fats. <i>Current Opinion in Lipidology</i> , 2020 , 31, 15-19	4.4	2
77	Lipid alterations in adolescents with early-onset psychosis may be independent of antipsychotic medication. <i>Schizophrenia Research</i> , 2020 , 216, 295-301	3.6	5
76	Gastric bypass surgery is associated with reduced subclinical myocardial injury and greater activation of the cardiac natriuretic peptide system than lifestyle intervention. <i>Clinical Biochemistry</i> , 2020 , 86, 36-44	3.5	0
75	Intake of Fermented Dairy Products Induces a Less Pro-Inflammatory Postprandial Peripheral Blood Mononuclear Cell Gene Expression Response than Non-Fermented Dairy Products: A Randomized Controlled Cross-Over Trial. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000319	5.9	4
74	Associations between dietary patterns and gene expression pattern in peripheral blood mononuclear cells: A cross-sectional study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 2111-2122	4.5	4
73	Reduced levels of circulating adhesion molecules in adolescents with early-onset psychosis. <i>NPJ Schizophrenia</i> , 2020 , 6, 20	5.5	3
72	Infant cholesterol and glycated haemoglobin concentrations vary widely-Associations with breastfeeding, infant diet and maternal biomarkers. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020 , 109, 115-121	3.1	0

71	Postprandial changes in gene expression of cholesterol influx and efflux mediators after intake of SFA compared with -6 PUFA in subjects with and without familial hypercholesterolaemia: secondary outcomes of a randomised controlled trial. <i>Journal of Nutritional Science</i> , 2019 , 8, e27	2.7	6
70	Serum Omega-6 Fatty Acids and Immunology-Related Gene Expression in Peripheral Blood Mononuclear Cells: A Cross-Sectional Analysis in Healthy Children. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800990	5.9	1
69	Sex differences in postprandial responses to different dairy products on lipoprotein subclasses: a randomised controlled cross-over trial. <i>British Journal of Nutrition</i> , 2019 , 122, 780-789	3.6	3
68	Milk and Dairy Product Consumption and Inflammatory Biomarkers: An Updated Systematic Review of Randomized Clinical Trials. <i>Advances in Nutrition</i> , 2019 , 10, S239-S250	10	23
67	Using metabolic profiling and gene expression analyses to explore molecular effects of replacing saturated fat with polyunsaturated fat-a randomized controlled dietary intervention study. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 1239-1250	7	17
66	LDL-cholesterol goal achievement, cardiovascular disease, and attributed risk of Lp(a) in a large cohort of predominantly genetically verified familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , 2019 , 13, 279-286	4.9	25
65	Healthy Nordic Diet Modulates the Expression of Genes Related to Mitochondrial Function and Immune Response in Peripheral Blood Mononuclear Cells from Subjects with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1801405	5.9	8
64	Serum lipoprotein(a) is not modified by interleukin-6 receptor antagonism or associated with inflammation in non-ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 274, 348-350	3.2	8
63	Differences in peripheral blood mononuclear cell gene expression and triglyceride composition in lipoprotein subclasses in plasma triglyceride responders and non-responders to omega-3 supplementation. <i>Genes and Nutrition</i> , 2019 , 14, 10	4.3	8
62	Impaired HDL Function Amplifies Systemic Inflammation in Common Variable Immunodeficiency. <i>Scientific Reports</i> , 2019 , 9, 9427	4.9	13
61	Lipoprotein(a) concentration is associated with plasma arachidonic acid in subjects with familial hypercholesterolaemia. <i>British Journal of Nutrition</i> , 2019 , 122, 790-799	3.6	1
60	Association of Low-Density Lipoprotein Cholesterol With Risk of Aortic Valve Stenosis in Familial Hypercholesterolemia. <i>JAMA Cardiology</i> , 2019 , 4, 1156-1159	16.2	18
59	Effect of hormone replacement therapy on atherogenic lipid profile in postmenopausal women. <i>Thrombosis Research</i> , 2019 , 184, 1-7	8.2	10
58	Meals with Similar Fat Content from Different Dairy Products Induce Different Postprandial Triglyceride Responses in Healthy Adults: A Randomized Controlled Cross-Over Trial. <i>Journal of Nutrition</i> , 2019 , 149, 422-431	4.1	22
57	Lower risk of smoking-related cancer in individuals with familial hypercholesterolemia compared with controls: a prospective matched cohort study. <i>Scientific Reports</i> , 2019 , 9, 19273	4.9	4
56	Increased protein intake affects pro-opiomelanocortin (POMC) processing, immune function and IGF signaling in peripheral blood mononuclear cells of home-dwelling old subjects using a genome-wide gene expression approach. <i>Genes and Nutrition</i> , 2019 , 14, 32	4.3	1
55	Editorial Comment: Hyperlipidaemia and cardiovascular disease and impact of early cholesterol accumulation. <i>Current Opinion in Lipidology</i> , 2019 , 30, 490-493	4.4	2
54	An Isocaloric Nordic Diet Modulates and Gene Expression in Peripheral Blood Mononuclear Cells in Individuals with Metabolic Syndrome-A SYSDIET Sub-Study. <i>Nutrients</i> , 2019 , 11,	6.7	9

53	Sex differences in cholesterol levels from birth to 19 years of age may lead to increased cholesterol burden in females with FH. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 748-755.e2	4.9	9
52	Effects of krill oil and lean and fatty fish on cardiovascular risk markers: a randomised controlled trial. <i>Journal of Nutritional Science</i> , 2018 , 7, e3	2.7	14
51	Treatment goal attainment in children with familial hypercholesterolemia: A cohort study of 102 children in Norway. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 375-382	4.9	19
50	Plasma fatty acid levels and gene expression related to lipid metabolism in peripheral blood mononuclear cells: a cross-sectional study in healthy subjects. <i>Genes and Nutrition</i> , 2018 , 13, 9	4.3	7
49	Effects of fish and krill oil on gene expression in peripheral blood mononuclear cells and circulating markers of inflammation: a randomised controlled trial. <i>Journal of Nutritional Science</i> , 2018 , 7, e10	2.7	22
48	Reduced plasma concentration of branched-chain amino acids in sarcopenic older subjects: a cross-sectional study. <i>British Journal of Nutrition</i> , 2018 , 120, 445-453	3.6	34
47	Risk of Ischemic Stroke and Total Cerebrovascular Disease in Familial Hypercholesterolemia. <i>Stroke</i> , 2018 , STROKEAHA118023456	6.7	6
46	A nine year follow-up study of patients with lymphoedema cholestasis syndrome 1 (LCS1/Aagaenae syndrome). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018 , 78, 566-574	2	4
45	Impact of a Healthy Dietary Pattern on Gut Microbiota and Systemic Inflammation in Humans. <i>Nutrients</i> , 2018 , 10,	6.7	44
44	Effect of low carbohydrate high fat diet on LDL cholesterol and gene expression in normal-weight, young adults: A randomized controlled study. <i>Atherosclerosis</i> , 2018 , 279, 52-61	3.1	37
43	Delayed postprandial TAG peak after intake of SFA compared with PUFA in subjects with and without familial hypercholesterolaemia: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2018 , 119, 1142-1150	3.6	7
42	Some children with a familial hypercholesterolemia mutation may exhibit persistent low LDL levels. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 1327-1328	4.9	3
41	Data on circulating leukocyte subpopulations and inflammatory proteins in children with familial hypercholesterolemia and healthy children. <i>Data in Brief</i> , 2017 , 10, 587-592	1.2	0
40	Consumption of protein-enriched milk has minor effects on inflammation in older adults-A 12-week double-blind randomized controlled trial. <i>Mechanisms of Ageing and Development</i> , 2017 , 162, 1-8	5.6	4
39	Gene expression is differentially regulated in skeletal muscle and circulating immune cells in response to an acute bout of high-load strength exercise. <i>Genes and Nutrition</i> , 2017 , 12, 8	4.3	4
38	High-quality fish oil has a more favourable effect than oxidised fish oil on intermediate-density lipoprotein and LDL subclasses: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2017 , 117, 1293-1298 ¹⁹	3.6	19
37	Altered leukocyte distribution under hypercholesterolemia: A cross-sectional study in children with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2017 , 256, 67-74	3.1	15
36	Comprehensive lipid and metabolite profiling of children with and without familial hypercholesterolemia: A cross-sectional study. <i>Atherosclerosis</i> , 2017 , 266, 48-57	3.1	17

35	Increased risk of heart failure and atrial fibrillation in heterozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2017 , 266, 69-73	3.1	11
34	Does dietary fat affect inflammatory markers in overweight and obese individuals?-a review of randomized controlled trials from 2010 to 2016. <i>Genes and Nutrition</i> , 2017 , 12, 26	4.3	19
33	Severe hypertriglyceridemia in Norway: prevalence, clinical and genetic characteristics. <i>Lipids in Health and Disease</i> , 2017 , 16, 115	4.4	17
32	Cardiovascular disease mortality in patients with genetically verified familial hypercholesterolemia in Norway during 1992-2013. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 137-144	3.9	37
31	The PBMC transcriptome profile after intake of oxidized versus high-quality fish oil: an explorative study in healthy subjects. <i>Genes and Nutrition</i> , 2016 , 11, 16	4.3	9
30	Dietary counseling is associated with an improved lipid profile in children with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2016 , 252, 21-27	3.1	18
29	LIGHT/TNFSF14 is increased in patients with type 2 diabetes mellitus and promotes islet cell dysfunction and endothelial cell inflammation in vitro. <i>Diabetologia</i> , 2016 , 59, 2134-44	10.3	30
28	LDL cholesterol in early pregnancy and offspring cardiovascular disease risk factors. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 1369-1378.e7	4.9	22
27	Effects of a healthy Nordic diet on gene expression changes in peripheral blood mononuclear cells in response to an oral glucose tolerance test in subjects with metabolic syndrome: a SYSDIET sub-study. <i>Genes and Nutrition</i> , 2016 , 11, 3	4.3	16
26	Patients with familial hypercholesterolaemia are characterized by presence of cardiovascular disease at the time of death. <i>European Heart Journal</i> , 2016 , 37, 1398-405	9.5	48
25	Lack of Effects of a Single High-Fat Meal Enriched with Vegetable n-3 or a Combination of Vegetable and Marine n-3 Fatty Acids on Intestinal Peptide Release and Adipokines in Healthy Female Subjects. <i>Frontiers in Nutrition</i> , 2016 , 3, 38	6.2	3
24	Bioavailability of -3 fatty acids from -3-enriched foods and fish oil with different oxidative quality in healthy human subjects: a randomised single-meal cross-over study. <i>Journal of Nutritional Science</i> , 2016 , 5, e43	2.7	13
23	Exchanging a few commercial, regularly consumed food items with improved fat quality reduces total cholesterol and LDL-cholesterol: a double-blind, randomised controlled trial. <i>British Journal of Nutrition</i> , 2016 , 116, 1383-1393	3.6	30
22	Alterations in inflammatory biomarkers and energy intake in cancer cachexia: a prospective study in patients with inoperable pancreatic cancer. <i>Medical Oncology</i> , 2016 , 33, 54	3.7	27
21	Cardiovascular disease in patients with genotyped familial hypercholesterolemia in Norway during 1994-2009, a registry study. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1962-1969	3.9	21
20	Increased expression of NAMPT in PBMC from patients with acute coronary syndrome and in inflammatory M1 macrophages. <i>Atherosclerosis</i> , 2015 , 243, 204-10	3.1	35
19	Maternal inheritance does not predict cholesterol levels in children with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2015 , 243, 155-60	3.1	22
18	Fructose content of low calorie diets: effect on cardiometabolic risk factors in obese women with polycystic ovarian syndrome: a randomized controlled trial. <i>Endocrine Connections</i> , 2015 , 4, 144-54	3.5	14

17	Comparison of bioavailability of krill oil versus fish oil and health effect. <i>Vascular Health and Risk Management</i> , 2015 , 11, 511-24	4.4	62
16	Effects of Exercise on Gene Expression of Inflammatory Markers in Human Peripheral Blood Cells: A Systematic Review. <i>Current Cardiovascular Risk Reports</i> , 2015 , 9, 34	0.9	59
15	Subjects with familial hypercholesterolemia are characterized by an inflammatory phenotype despite long-term intensive cholesterol lowering treatment. <i>Atherosclerosis</i> , 2014 , 233, 561-567	3.1	34
14	Markers of atherosclerotic development in children with familial hypercholesterolemia: a literature review. <i>Atherosclerosis</i> , 2014 , 235, 299-309	3.1	72
13	Interleukin-10 increases reverse cholesterol transport in macrophages through its bidirectional interaction with liver X receptor α . <i>Biochemical and Biophysical Research Communications</i> , 2014 , 450, 1525-30	3.1	8
12	Marine n-3 Fatty Acids and Gene Expression in Peripheral Blood Mononuclear Cells. <i>Current Cardiovascular Risk Reports</i> , 2014 , 8, 412	0.9	12
11	Cholesterol efflux mediators in homozygous familial hypercholesterolemia patients on low-density lipoprotein apheresis. <i>Journal of Clinical Lipidology</i> , 2013 , 7, 109-16	4.9	15
10	Children and young adults with familial hypercholesterolaemia (FH) have healthier food choices particularly with respect to dietary fat sources compared with non-FH children. <i>Journal of Nutritional Science</i> , 2013 , 2, e32	2.7	9
9	Subjects with low plasma HDL cholesterol levels are characterized by an inflammatory and oxidative phenotype. <i>PLoS ONE</i> , 2013 , 8, e78241	3.7	21
8	Substitution of TAG oil with diacylglycerol oil in food items improves the predicted 10 years cardiovascular risk score in healthy, overweight subjects. <i>Journal of Nutritional Science</i> , 2012 , 1, e17	2.7	7
7	Children with familial hypercholesterolemia are characterized by an inflammatory imbalance between the tumor necrosis factor β system and interleukin-10. <i>Atherosclerosis</i> , 2011 , 214, 163-8	3.1	38
6	Lipoprotein(a) levels in coronary heart disease-susceptible and -resistant patients with familial hypercholesterolemia. <i>Atherosclerosis</i> , 2011 , 216, 426-32	3.1	44
5	The antiatherogenic function of HDL is impaired in hyperhomocysteinemic subjects. <i>Journal of Nutrition</i> , 2008 , 138, 2070-5	4.1	20
4	Chemokines in children with heterozygous familial hypercholesterolemia: selective upregulation of RANTES. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 200-5	9.4	27
3	Triglyceride-rich HDL3 from patients with familial hypercholesterolemia are less able to inhibit cytokine release or to promote cholesterol efflux. <i>Journal of Nutrition</i> , 2006 , 136, 877-81	4.1	26
2	Secretion of N-(4-hydroxyphenyl) retinamide-retinol-binding protein from liver parenchymal cells: evidence for reduced affinity of the complex for transthyretin. <i>International Journal of Cancer</i> , 1997 , 71, 654-9	7.5	15
1	Children with familial hypercholesterolemia display changes in LDL and HDL function: a cross-sectional study		2