

Sari Voutilainen

List of Publications by Year in descending order

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98
papers

7,322
citations

46984

47
h-index

54882

84
g-index

98
all docs

98
docs citations

98
times ranked

9467
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotenoids and cardiovascular health. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 1265-1271.	2.2	378
2	Six-Year Effect of Combined Vitamin C and E Supplementation on Atherosclerotic Progression. <i>Circulation</i> , 2003, 107, 947-953.	1.6	348
3	Œ-3 Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease. <i>JAMA Internal Medicine</i> , 2016, 176, 1155.	2.6	326
4	Fish Oil–Derived Fatty Acids, Docosahexaenoic Acid and Docosapentaenoic Acid, and the Risk of Acute Coronary Events. <i>Circulation</i> , 2000, 102, 2677-2679.	1.6	283
5	Mercury, Fish Oils, and Risk of Acute Coronary Events and Cardiovascular Disease, Coronary Heart Disease, and All-Cause Mortality in Men in Eastern Finland. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 228-233.	1.1	271
6	Risk of acute coronary events according to serum concentrations of enterolactone: a prospective population-based case-control study. <i>Lancet</i> , The, 1999, 354, 2112-2115.	6.3	227
7	Dark Chocolate Consumption Increases HDL Cholesterol Concentration and Chocolate Fatty Acids May Inhibit Lipid Peroxidation in Healthy Humans. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1351-1359.	1.3	225
8	Low Intake of Fruits, Berries and Vegetables Is Associated with Excess Mortality in Men: the Kuopio Ischaemic Heart Disease Risk Factor (KIHD) Study. <i>Journal of Nutrition</i> , 2003, 133, 199-204.	1.3	204
9	Mercury as a risk factor for cardiovascular diseases. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 75-85.	1.9	200
10	Low Dietary Folate Intake Is Associated With an Excess Incidence of Acute Coronary Events. <i>Circulation</i> , 2001, 103, 2674-2680.	1.6	197
11	Enhanced In Vivo Lipid Peroxidation at Elevated Plasma Total Homocysteine Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1263-1266.	1.1	190
12	Serum lycopene concentrations and carotid atherosclerosis: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 133-138.	2.2	188
13	Serum Long-Chain n-3 Polyunsaturated Fatty Acids and Risk of Hospital Diagnosis of Atrial Fibrillation in Men. <i>Circulation</i> , 2009, 120, 2315-2321.	1.6	170
14	Food and Nutrient Intake and Nutritional Status of Finnish Vegans and Non-Vegetarians. <i>PLoS ONE</i> , 2016, 11, e0148235.	1.1	165
15	Flavonoid intake and the risk of ischaemic stroke and CVD mortality in middle-aged Finnish men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>British Journal of Nutrition</i> , 2008, 100, 890-895.	1.2	161
16	Low serum lycopene concentration is associated with an excess incidence of acute coronary events and stroke: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>British Journal of Nutrition</i> , 2001, 85, 749-754.	1.2	145
17	Metabolism of Berry Anthocyanins to Phenolic Acids in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2274-2281.	2.4	132
18	Risk of Cardiovascular Disease–Related and All-Cause Death According to Serum Concentrations of Enterolactone. <i>Archives of Internal Medicine</i> , 2003, 163, 1099.	4.3	129

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19	Intake of fruit, berries, and vegetables and risk of type 2 diabetes in Finnish men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 328-333.	2.2	129
20	Dietary Folate and the Risk of Depression in Finnish Middle-Aged Men. <i>Psychotherapy and Psychosomatics</i> , 2004, 73, 334-339.	4.0	128
21	Lycopene, Atherosclerosis, and Coronary Heart Disease. <i>Experimental Biology and Medicine</i> , 2002, 227, 900-907.	1.1	108
22	Dietary Folate and Depressive Symptoms Are Associated in Middle-Aged Finnish Men. <i>Journal of Nutrition</i> , 2003, 133, 3233-3236.	1.3	97
23	Coffee Drinking Is Dose-Dependently Related to the Risk of Acute Coronary Events in Middle-Aged Men. <i>Journal of Nutrition</i> , 2004, 134, 2381-2386.	1.3	97
24	Low Plasma Lycopene Concentration Is Associated With Increased Intima-Media Thickness of the Carotid Artery Wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2677-2681.	1.1	95
25	Coffee, tea and caffeine intake and the risk of severe depression in middle-aged Finnish men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>Public Health Nutrition</i> , 2010, 13, 1215-1220.	1.1	94
26	Serum Omega-3 Polyunsaturated Fatty Acids and Risk of Incident Type 2 Diabetes in Men: The Kuopio Ischaemic Heart Disease Risk Factor Study. <i>Diabetes Care</i> , 2014, 37, 189-196.	4.3	91
27	Primary Vitamin D Target Genes Allow a Categorization of Possible Benefits of Vitamin D3 Supplementation. <i>PLoS ONE</i> , 2013, 8, e71042.	1.1	87
28	Association of serum 25-hydroxyvitamin D with the risk of death in a general older population in Finland. <i>European Journal of Nutrition</i> , 2011, 50, 305-312.	1.8	79
29	Dietary proteins and protein sources and risk of death: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1462-1471.	2.2	78
30	Association between low serum enterolactone and increased plasma F2-isoprostanes, a measure of lipid peroxidation. <i>Atherosclerosis</i> , 2002, 160, 465-469.	0.4	76
31	Association between depressive symptoms and serum concentrations of homocysteine in men: a population study. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 1574-1578.	2.2	76
32	Intake of flavonoids and risk of cancer in Finnish men: The Kuopio Ischaemic Heart Disease Risk Factor Study. <i>International Journal of Cancer</i> , 2008, 123, 660-663.	2.3	75
33	Dietary Fatty Acids and Risk of Coronary Heart Disease in Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2679-2687.	1.1	74
34	Serum n-6 polyunsaturated fatty acids, n-5- and n-6-desaturase activities, and risk of incident type 2 diabetes in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1337-1343.	2.2	69
35	Serum folate and homocysteine and the incidence of acute coronary events: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 317-323.	2.2	68
36	Association of serum 25-hydroxyvitamin D with type 2 diabetes and markers of insulin resistance in a general older population in Finland. <i>Diabetes/Metabolism Research and Reviews</i> , 2012, 28, 418-423.	1.7	64

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37	Egg consumption and risk of incident type 2 diabetes in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1088-1096.	2.2	64
38	Association between elevated plasma total homocysteine and increased common carotid artery wall thickness. <i>Annals of Medicine</i> , 1998, 30, 300-306.	1.5	60
39	Dietary patterns are associated with the prevalence of elevated depressive symptoms and the risk of getting a hospital discharge diagnosis of depression in middle-aged or older Finnish men. <i>Journal of Affective Disorders</i> , 2014, 159, 1-6.	2.0	58
40	Angiographic 5-year follow-up study of right gastroepiploic artery grafts. <i>Annals of Thoracic Surgery</i> , 1996, 62, 501-505.	0.7	57
41	Associations of dietary choline intake with risk of incident dementia and with cognitive performance: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1416-1423.	2.2	56
42	The effects of coffee consumption on lipid peroxidation and plasma total homocysteine concentrations: a clinical trial. <i>Free Radical Biology and Medicine</i> , 2005, 38, 527-534.	1.3	55
43	Associations of egg and cholesterol intakes with carotid intima-media thickness and risk of incident coronary artery disease according to apolipoprotein E phenotype in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 895-901.	2.2	55
44	Alcohol Consumption and Dietary Patterns: The FinDrink Study. <i>PLoS ONE</i> , 2012, 7, e38607.	1.1	54
45	High dietary methionine intake increases the risk of acute coronary events in middle-aged men. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 113-120.	1.1	53
46	Intake of different dietary proteins and risk of type 2 diabetes in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>British Journal of Nutrition</i> , 2017, 117, 882-893.	1.2	53
47	Liquid chromatography method for plant and mammalian lignans in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 798, 101-110.	1.2	52
48	Serum linoleic and total polyunsaturated fatty acids in relation to prostate and other cancers: A population-based cohort study. <i>International Journal of Cancer</i> , 2004, 111, 444-450.	2.3	50
49	Association of dietary cholesterol and egg intakes with the risk of incident dementia or Alzheimer disease: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 476-484.	2.2	49
50	Dietary magnesium intake and the incidence of depression: A 20-year follow-up study. <i>Journal of Affective Disorders</i> , 2016, 193, 94-98.	2.0	47
51	Body iron stores and the risk of type 2 diabetes in middle-aged men. <i>European Journal of Endocrinology</i> , 2013, 169, 247-253.	1.9	45
52	Dissecting high from low responders in a vitamin D3 intervention study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 275-282.	1.2	44
53	Molecular evaluation of vitamin D responsiveness of healthy young adults. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 314-321.	1.2	43
54	Serum zinc and risk of type 2 diabetes incidence in men: The Kuopio Ischaemic Heart Disease Risk Factor Study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 33, 120-124.	1.5	42

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55	The intake of flavonoids and carotid atherosclerosis: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>British Journal of Nutrition</i> , 2007, 98, 814-8.	1.2	41
56	Changes in vitamin D target gene expression in adipose tissue monitor the vitamin D response of human individuals. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2036-2045.	1.5	41
57	Dietary intake and urinary excretion of lignans in Finnish men. <i>British Journal of Nutrition</i> , 2010, 103, 677-685.	1.2	39
58	Associations of circulating very-long-chain saturated fatty acids and incident type 2 diabetes: a pooled analysis of prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1216-1223.	2.2	39
59	Catechol-O-Methyltransferase Gene Polymorphism Modifies the Effect of Coffee Intake on Incidence of Acute Coronary Events. <i>PLoS ONE</i> , 2006, 1, e117.	1.1	38
60	Dietary zinc intake and the risk of depression in middle-aged men: A 20-year prospective follow-up study. <i>Journal of Affective Disorders</i> , 2013, 150, 682-685.	2.0	37
61	Serum homocysteine, folate and risk of stroke: Kuopio Ischaemic Heart Disease Risk Factor (KIHD) Study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 369-375.	3.1	36
62	Functional COMT Val158Met Polymorphism, Risk of Acute Coronary Events and Serum Homocysteine: The Kuopio Ischaemic Heart Disease Risk Factor Study. <i>PLoS ONE</i> , 2007, 2, e181.	1.1	36
63	Serum Long-Chain n-3 Polyunsaturated Fatty Acids, Mercury, and Risk of Sudden Cardiac Death in Men: A Prospective Population-Based Study. <i>PLoS ONE</i> , 2012, 7, e41046.	1.1	35
64	Primary vitamin D receptor target genes as biomarkers for the vitamin D3 status in the hematopoietic system. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 875-884.	1.9	32
65	Glucose Metabolism Effects of Vitamin D in Prediabetes: The VitDmet Randomized Placebo-Controlled Supplementation Study. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-8.	1.0	31
66	Egg consumption, cholesterol intake, and risk of incident stroke in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 169-176.	2.2	31
67	Serum hepcidin concentrations and type 2 diabetes. <i>World Journal of Diabetes</i> , 2015, 6, 978.	1.3	27
68	Gender difference in type 2 diabetes and the role of body iron stores. <i>Annals of Clinical Biochemistry</i> , 2017, 54, 113-120.	0.8	26
69	Serum n-6 polyunsaturated fatty acids and risk of death: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 427-435.	2.2	26
70	Ingestion of Oregano Extract Increases Excretion of Urinary Phenolic Metabolites in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 6916-6923.	2.4	25
71	Serum 25-hydroxyvitamin D ₃ and the risk of pneumonia in an ageing general population. <i>Journal of Epidemiology and Community Health</i> , 2013, 67, 533-536.	2.0	24
72	Serum long-chain n-3 polyunsaturated fatty acids, methylmercury and blood pressure in an older population. <i>Hypertension Research</i> , 2012, 35, 1000-1004.	1.5	23

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73	High-performance liquid chromatography and coulometric electrode array detector in serum 25-hydroxyvitamin D3 and 25-hydroxyvitamin D2 analyses. <i>Analytical Biochemistry</i> , 2013, 435, 1-9.	1.1	23
74	The associations of serum n-6 polyunsaturated fatty acids with serum C-reactive protein in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 342-348.	1.3	22
75	Association of follicle-stimulating hormone levels and risk of type 2 diabetes in older postmenopausal women. <i>Menopause</i> , 2017, 24, 796-802.	0.8	21
76	Elevated depressive symptoms and compositional changes in LDL particles in middle-aged men. <i>European Journal of Epidemiology</i> , 2010, 25, 403-409.	2.5	20
77	Minimally Invasive Coronary Artery Bypass Grafting Using the Right Gastroepiploic Artery. <i>Annals of Thoracic Surgery</i> , 1998, 65, 444-448.	0.7	18
78	Low serum 25-hydroxyvitamin D is associated with higher risk of frequent headache in middle-aged and older men. <i>Scientific Reports</i> , 2017, 7, 39697.	1.6	17
79	Association between serum zinc and later development of metabolic syndrome in middle aged and older men: The Kuopio Ischaemic Heart Disease Risk Factor Study. <i>Nutrition</i> , 2017, 37, 43-47.	1.1	17
80	Intake of Different Dietary Proteins and Risk of Heart Failure in Men. <i>Circulation: Heart Failure</i> , 2018, 11, e004531.	1.6	17
81	Polyphenol-Rich Phloem Enhances the Resistance of Total Serum Lipids to Oxidation in Men. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 3017-3022.	2.4	15
82	Serum ferritin and glucose homeostasis: change in the association by glycaemic state. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 507-514.	1.7	13
83	Follicle-Stimulating Hormone Levels and Subclinical Atherosclerosis in Older Postmenopausal Women. <i>American Journal of Epidemiology</i> , 2018, 187, 16-26.	1.6	13
84	Regular consumption of eggs does not affect carotid plaque area or risk of acute myocardial infarction in Finnish men. <i>Atherosclerosis</i> , 2013, 227, 186-188.	0.4	12
85	The association between serum 25-hydroxyvitamin D3 concentration and risk of disease death in men: modification by magnesium intake. <i>European Journal of Epidemiology</i> , 2015, 30, 343-347.	2.5	12
86	Consumption of Juice Fortified with Oregano Extract Markedly Increases Excretion of Phenolic Acids but Lacks Short- and Long-Term Effects on Lipid Peroxidation in Healthy Nonsmoking Men. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5790-5796.	2.4	11
87	Serum polyunsaturated fatty acids are not associated with the risk of severe depression in middle-aged Finnish men: Kuopio Ischaemic Heart Disease Risk Factor (KIHD) Study. <i>European Journal of Nutrition</i> , 2011, 50, 89-96.	1.8	11
88	Serum adiponectin/Ferritin ratio in relation to the risk of type 2 diabetes and insulin sensitivity. <i>Diabetes Research and Clinical Practice</i> , 2018, 141, 264-274.	1.1	10
89	Serum Zinc and the Risk of Depression in Men: Observations from a 20-Year Follow-up Study. <i>Biological Psychiatry</i> , 2015, 77, e11-e12.	0.7	7
90	Serum dihomo- β -linolenic acid level is inversely associated with the risk of depression. A 21-year follow-up study in general population men. <i>Journal of Affective Disorders</i> , 2017, 213, 151-155.	2.0	6

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91	Coffee Intake and Glucose Homeostasis: Is There a Role for Body Iron?. Archives of Internal Medicine, 2010, 170, 1400.	4.3	4
92	Serum long-chain omega-3 polyunsaturated fatty acids and risk of orthostatic hypotension. Hypertension Research, 2016, 39, 543-547.	1.5	3
93	Evolutionary methods for variable selection in the epidemiological modeling of cardiovascular diseases. BioData Mining, 2018, 11, 18.	2.2	1
94	Abstract MP049: Fermented vs. Non-fermented Dairy and Risk of Coronary Heart Disease in Men: the Kuopio Ischaemic Heart Disease Risk Factor Study. Circulation, 2017, 135, .	1.6	1
95	Minimally Invasive Coronary Artery Bypass Grafting: One-Year Follow-Up. Echocardiography, 1985, 2, 231-237.	0.3	0
96	Risks and Benefits of Fish Intake. JAMA - Journal of the American Medical Association, 2007, 297, 585.	3.8	0
97	Coffee intake and the incidence of hypertension. American Journal of Clinical Nutrition, 2007, 86, 1248.	2.2	0
98	Reply to T Kawada. American Journal of Clinical Nutrition, 2015, 102, 974-975.	2.2	0