

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	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
2	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
3	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
4	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
5	Follicle-Stimulating Hormone Levels and Subclinical Atherosclerosis in Older Postmenopausal Women. <i>American Journal of Epidemiology</i> , 2018, 187, 16-26.	1.6	13
6	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
7	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
8	Evolutionary methods for variable selection in the epidemiological modeling of cardiovascular diseases. <i>BioData Mining</i> , 2018, 11, 18.	2.2	1
9	Intake of Different Dietary Proteins and Risk of Heart Failure in Men. <i>Circulation: Heart Failure</i> , 2018, 11, e004531.	1.6	17
10	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
11	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
12	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
13	Serum dihomo- γ -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
14	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
15	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
16	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
17	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
18	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

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19	Abstract MPO49: Fermented vs. Non-fermented Dairy and Risk of Coronary Heart Disease in Men: the Kuopio Ischaemic Heart Disease Risk Factor Study. <i>Circulation</i> , 2017, 135, .	1.6	1
20	Ω-3 Polyunsaturated Fatty Acid Biomarkers and Coronary Heart Disease. <i>JAMA Internal Medicine</i> , 2016, 176, 1155.	2.6	326
21	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
22	Serum n-6 polyunsaturated fatty acids, 5- and 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
23	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
24	Serum long-chain omega-3 polyunsaturated fatty acids and risk of orthostatic hypotension. <i>Hypertension Research</i> , 2016, 39, 543-547.	1.5	3
25	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
26	Food and Nutrient Intake and Nutritional Status of Finnish Vegans and Non-Vegetarians. <i>PLoS ONE</i> , 2016, 11, e0148235.	1.1	165
27	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
28	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
29	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
30	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
31	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
32	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
33	Reply to T Kawada. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 974-975.	2.2	0
34	Serum hepcidin concentrations and type 2 diabetes. <i>World Journal of Diabetes</i> , 2015, 6, 978.	1.3	27
35	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
36	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

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37	Serum Omega-3 Polyunsaturated Fatty Acids and Risk of Incident Type 2 Diabetes in Men: The Kuopio Ischemic Heart Disease Risk Factor Study. <i>Diabetes Care</i> , 2014, 37, 189-196.	4.3	91
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Alcohol Consumption and Dietary Patterns: The FinDrink Study. <i>PLoS ONE</i> , 2012, 7, e38607.	1.1	54
49	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
50	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
51	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
52	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
53	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
54	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

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55	Coffee Intake and Glucose Homeostasis: Is There a Role for Body Iron?. Archives of Internal Medicine, 2010, 170, 1400.	4.3	4
56	Dietary intake and urinary excretion of lignans in Finnish men. British Journal of Nutrition, 2010, 103, 677-685.	1.2	39
57	Serum Long-Chain n-3 Polyunsaturated Fatty Acids and Risk of Hospital Diagnosis of Atrial Fibrillation in Men. Circulation, 2009, 120, 2315-2321.	1.6	170
58	Metabolism of Berry Anthocyanins to Phenolic Acids in Humans. Journal of Agricultural and Food Chemistry, 2009, 57, 2274-2281.	2.4	132
59	Intake of flavonoids and risk of cancer in Finnish men: The Kuopio Ischaemic Heart Disease Risk Factor Study. International Journal of Cancer, 2008, 123, 660-663.	2.3	75
60	Flavonoid intake and the risk of ischaemic stroke and CVD mortality in middle-aged Finnish men: the Kuopio Ischaemic Heart Disease Risk Factor Study. British Journal of Nutrition, 2008, 100, 890-895.	1.2	161
61	The intake of flavonoids and carotid atherosclerosis: the Kuopio Ischaemic Heart Disease Risk Factor Study. British Journal of Nutrition, 2007, 98, 814-8.	1.2	41
62	Risks and Benefits of Fish Intake. JAMA - Journal of the American Medical Association, 2007, 297, 585.	3.8	0
63	Functional COMT Val158Met Polymorphism, Risk of Acute Coronary Events and Serum Homocysteine: The Kuopio Ischaemic Heart Disease Risk Factor Study. PLoS ONE, 2007, 2, e181.	1.1	36
64	Coffee intake and the incidence of hypertension. American Journal of Clinical Nutrition, 2007, 86, 1248.	2.2	0
65	Mercury as a risk factor for cardiovascular diseases. Journal of Nutritional Biochemistry, 2007, 18, 75-85.	1.9	200
66	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. Journal of Agricultural and Food Chemistry, 2006, 54, 5790-5796.	2.4	11
67	Ingestion of Oregano Extract Increases Excretion of Urinary Phenolic Metabolites in Humans. Journal of Agricultural and Food Chemistry, 2006, 54, 6916-6923.	2.4	25
68	High dietary methionine intake increases the risk of acute coronary events in middle-aged men. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, 113-120.	1.1	53
69	Carotenoids and cardiovascular health. American Journal of Clinical Nutrition, 2006, 83, 1265-1271.	2.2	378
70	Catechol-O-Methyltransferase Gene Polymorphism Modifies the Effect of Coffee Intake on Incidence of Acute Coronary Events. PLoS ONE, 2006, 1, e117.	1.1	38
71	The effects of coffee consumption on lipid peroxidation and plasma total homocysteine concentrations: a clinical trial. Free Radical Biology and Medicine, 2005, 38, 527-534.	1.3	55
72	Mercury, Fish Oils, and Risk of Acute Coronary Events and Cardiovascular Disease, Coronary Heart Disease, and All-Cause Mortality in Men in Eastern Finland. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 228-233.	1.1	271

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73	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
74	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
75	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
76	Dietary Folate and the Risk of Depression in Finnish Middle-Aged Men. <i>Psychotherapy and Psychosomatics</i> , 2004, 73, 334-339.	4.0	128
77	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
78	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
79	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
80	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
81	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
82	Six-Year Effect of Combined Vitamin C and E Supplementation on Atherosclerotic Progression. <i>Circulation</i> , 2003, 107, 947-953.	1.6	348
83	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
84	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
85	Dietary Folate and Depressive Symptoms Are Associated in Middle-Aged Finnish Men. <i>Journal of Nutrition</i> , 2003, 133, 3233-3236.	1.3	97
86	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
87	Lycopene, Atherosclerosis, and Coronary Heart Disease. <i>Experimental Biology and Medicine</i> , 2002, 227, 900-907.	1.1	108
88	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
89	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
90	Low Dietary Folate Intake Is Associated With an Excess Incidence of Acute Coronary Events. <i>Circulation</i> , 2001, 103, 2674-2680.	1.6	197

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91	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
92	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
93	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
94	Risk of acute coronary events according to serum concentrations of enterolactone: a prospective population-based case-control study. <i>Lancet</i> , 1999, 354, 2112-2115.	6.3	227
95	Minimally Invasive Coronary Artery Bypass Grafting Using the Right Gastroepiploic Artery. <i>Annals of Thoracic Surgery</i> , 1998, 65, 444-448.	0.7	18
96	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
97	Angiographic 5-year follow-up study of right gastroepiploic artery grafts. <i>Annals of Thoracic Surgery</i> , 1996, 62, 501-505.	0.7	57
98	Minimally Invasive Coronary Artery Bypass Grafting: One-Year Follow-Up. <i>Echocardiography</i> , 1985, 2, 231-237.	0.3	0