Akira Sekikawa

List of Publications by Citations

110 papers	2,821 citations	26 h-index	49 g-index
118 ext. papers	3,283 ext. citations	4.9 avg, IF	4.45 L-index

#	Paper	IF	Citations
110	Cardiovascular disease and risk factors in Asia: a selected review. *Circulation*, **2008**, 118, 2702-9	16.7	500
109	Vegetarian diets and blood pressure: a meta-analysis. *JAMA Internal Medicine*, **2014**, 174, 577-87	11.5	310
108	Marine-derived n-3 fatty acids and atherosclerosis in Japanese, Japanese-American, and white men: a cross-sectional study. *Journal of the American College of Cardiology*, **2008**, 52, 417-24	15.1	181
107	Less subclinical atherosclerosis in Japanese men in Japan than in White men in the United States in the post-World War II birth cohort. *American Journal of Epidemiology*, **2007**, 165, 617-24	3.8	115
106	A Contemporary Estimate of Total Mortality and Cardiovascular Disease Risk in Young Adults With Type 1 Diabetes: The Pittsburgh Epidemiology of Diabetes Complications Study. *Diabetes Care*, **2016**, 39, 2296-2303	14.6	60
105	Aortic stiffness and calcification in men in a population-based international study. *Atherosclerosis*, **2012**, 222, 473-7	3.1	52
104	Prevalence of diabetes and impaired glucose tolerance in Funagata area, Japan. *Diabetes Care*, **1993**, 16, 570-4	14.6	51
103	Higher liver fat content among Japanese in Japan compared with non-Hispanic whites in the United States. *Metabolism: Clinical and Experimental*, **2009**, 58, 1200-7	12.7	50
102	Prevalence of type 2 diabetes mellitus and impaired glucose tolerance in a rural area of Japan. The Funagata diabetes study. *Journal of Diabetes and Its Complications*, **2000**, 14, 78-83	3.2	47
101	Regional pulse wave velocities and their cardiovascular risk factors among healthy middle-aged men: a cross-sectional population-based study. *BMC Cardiovascular Disorders*, **2014**, 14, 5	2.3	43
100	Long-chain n-3 polyunsaturated fatty acids intake and cardiovascular disease mortality risk in Japanese: a 24-year follow-up of NIPPON DATA80. *Atherosclerosis*, **2014**, 232, 384-9	3.1	42
99	Much lower prevalence of coronary calcium detected by electron-beam computed tomography among men aged 40-49 in Japan than in the US, despite a less favorable profile of major risk factors. *International Journal of Epidemiology*, **2005**, 34, 173-9	7.8	41
98	Coronary artery calcification in Japanese men in Japan and Hawaii. *American Journal of Epidemiology*, **2007**, 166, 1280-7	3.8	40
97	Long chain n-3 polyunsaturated fatty acids and incidence rate of coronary artery calcification in Japanese men in Japan and white men in the USA: population based prospective cohort study. *Heart*, **2014**, 100, 569-73	5.1	39
96	Increased Aortic Calcification Is Associated With Arterial Stiffness Progression in Multiethnic Middle-Aged Men. *Hypertension*, **2017**, 69, 102-108	8.5	37
95	Differential association of docosahexaenoic and eicosapentaenoic acids with carotid intima-media thickness. *Stroke*, **2011**, 42, 2538-43	6.7	37
94	Coronary heart disease mortality among men aged 35-44 years by prefecture in Japan in 1995-1999 compared with that among white men aged 35-44 by state in the United States in 1995-1998: vital statistics data in recent birth cohort. *Japanese Circulation Journal*, **2001**, 65, 887-92		37

93	Lipoprotein-associated phospholipase A2 is related to risk of subclinical atherosclerosis but is not supported by Mendelian randomization analysis in a general Japanese population. *Atherosclerosis*, **2016**, 246, 141-7	3.1	36
92	Serum n-6 fatty acids and lipoprotein subclasses in middle-aged men: the population-based cross-sectional ERA-JUMP study. *American Journal of Clinical Nutrition*, **2010**, 91, 1195-203	7	35
91	Effect of S-equol and Soy Isoflavones on Heart and Brain. *Current Cardiology Reviews*, **2019**, 15, 114-135	2.4	34
90	Adiponectin, systolic blood pressure, and alcohol consumption are associated with more aortic stiffness progression among apparently healthy men. *Atherosclerosis*, **2012**, 225, 475-80	3.1	32
89	Association of serum n-6 and n-3 polyunsaturated fatty acids with lipids in 3 populations of middle-aged men. *American Journal of Clinical Nutrition*, **2009**, 90, 49-55	7	32
88	Visceral and subcutaneous adiposity and adiponectin in middle-aged Japanese men: the ERA JUMP study. *Obesity*, **2009**, 17, 1269-73	8	30
87	Cross-sectional comparison of coronary artery calcium scores between Caucasian men in the United States and Japanese men in Japan: the multi-ethnic study of atherosclerosis and the Shiga epidemiological study of subclinical atherosclerosis. *American Journal of Epidemiology*, **2014**, 180, 590-8	3.8	29
86	Comparison of HOMA-IR, HOMA-%B and disposition index between US white men and Japanese men in Japan: the ERA JUMP study. *Diabetologia*, **2015**, 58, 265-71	10.3	28
85	Relationship of Insulin Resistance to Prevalence and Progression of Coronary Artery Calcification Beyond Metabolic Syndrome Components: Shiga Epidemiological Study of Subclinical Atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1703-8	9.4	26
84	Serum levels of marine-derived n-3 fatty acids in Icelanders, Japanese, Koreans, and Americans--a descriptive epidemiologic study. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2012**, 87, 11-6	2.8	26
83	Smoking, Smoking Cessation, and Measures of Subclinical Atherosclerosis in Multiple Vascular Beds in Japanese Men. *Journal of the American Heart Association*, **2016**, 5,	6	26
82	Significant inverse association of equol-producer status with coronary artery calcification but not dietary isoflavones in healthy Japanese men. *British Journal of Nutrition*, **2017**, 117, 260-266	3.6	25
81	Cadmium exposure and risk of pancreatic cancer: a meta-analysis of prospective cohort studies and case-control studies among individuals without occupational exposure history. *Environmental Science and Pollution Research*, **2015**, 22, 17465-74	5.1	25
80	World Health Organization-defined metabolic syndrome is a better predictor of coronary calcium than the adult treatment panel III criteria in American men aged 40-49 years. *Diabetes Care*, **2004**, 27, 2977-9	14.6	24
79	Effects of soy isoflavones on cognitive function: a systematic review and meta-analysis of randomized controlled trials. *Nutrition Reviews*, **2020**, 78, 134-144	6.4	24
78	Aortic Stiffness is Associated with Increased Risk of Incident Dementia in Older Adults. *Journal of Alzheimer's Disease*, **2018**, 66, 297-306	4.3	24
77	Coronary artery calcification by computed tomography in epidemiologic research and cardiovascular disease prevention. *Journal of Epidemiology*, **2012**, 22, 188-98	3.4	23
76	Higher levels of adiponectin in American than in Japanese men despite obesity. *Metabolism: Clinical and Experimental*, **2006**, 55, 1561-3	12.7	23

75	Effects of weight management by exercise modes on markers of subclinical atherosclerosis and cardiometabolic profile among women with abdominal obesity: a randomized controlled trial. *BMC Cardiovascular Disorders*, **2014**, 14, 82	2.3	21
74	Fish consumption and early atherosclerosis in middle-aged men. *Metabolism: Clinical and Experimental*, **2007**, 56, 1060-4	12.7	21
73	Continuous decline in mortality from coronary heart disease in Japan despite a continuous and marked rise in total cholesterol: Japanese experience after the Seven Countries Study. *International Journal of Epidemiology*, **2015**, 44, 1614-24	7.8	20
72	Brachial-ankle pulse wave velocity is associated with coronary calcification among 1131 healthy middle-aged men. *International Journal of Cardiology*, **2015**, 189, 67-72	3.2	20
71	Higher dietary inflammation is associated with increased odds of depression independent of Framingham Risk Score in the National Health and Nutrition Examination Survey. *Nutrition Research* , **2018**, 54, 23-32	4	19
70	Cholesteryl ester transfer protein, coronary calcium, and intima-media thickness of the carotid artery in middle-age Japanese men. *American Journal of Cardiology*, **2009**, 104, 818-22	3	19
69	Alcohol consumption and coronary artery calcium in middle-aged Japanese men. *American Journal of Cardiology*, **2006**, 98, 141-4	3	19
68	Influence of cigarette smoking on coronary artery and aortic calcium among random samples from populations of middle-aged Japanese and Korean men. *Journal of Epidemiology and Community Health*, **2013**, 67, 119-24	5.1	18
67	LOX-1 ligands containing apolipoprotein B and carotid intima-media thickness in middle-aged community-dwelling US Caucasian and Japanese men. *Atherosclerosis*, **2013**, 229, 240-5	3.1	17
66	Associations between Inflammatory Markers and Subclinical Atherosclerosis in Middle-aged White, Japanese-American and Japanese Men: The ERA-JUMP Study. *Journal of Atherosclerosis and Thrombosis*, **2015**, 22, 590-8	4	17
65	Intima-media thickness of the carotid artery and the distribution of lipoprotein subclasses in men aged 40 to 49 years between whites in the United States and the Japanese in Japan for the ERA JUMP study. *Metabolism: Clinical and Experimental*, **2008**, 57, 177-82	12.7	17
64	Explaining the decline in coronary heart disease mortality rates in Japan: Contributions of changes in risk factors and evidence-based treatments between 1980 and 2012. *International Journal of Cardiology*, **2019**, 291, 183-188	3.2	16
63	Hemoglobin A1c Level and Cardiovascular Disease Incidence in Persons With Type 1 Diabetes: An Application of Joint Modeling of Longitudinal and Time-to-Event Data in the Pittsburgh Epidemiology of Diabetes Complications Study. *American Journal of Epidemiology*, **2018**, 187, 1520-1529	3.8	16
62	Recent findings of long-chain n-3 polyunsaturated fatty acids (LCn-3 PUFAs) on atherosclerosis and coronary heart disease (CHD) contrasting studies in Western countries to Japan. *Trends in Cardiovascular Medicine*, **2015**, 25, 717-23	6.9	16
61	High-density lipoprotein particle concentration and subclinical atherosclerosis of the carotid arteries in Japanese men. *Atherosclerosis*, **2015**, 239, 444-50	3.1	16
60	A cross-sectional association of obesity with coronary calcium among Japanese, Koreans, Japanese Americans, and U.S. whites. *European Heart Journal Cardiovascular Imaging*, **2013**, 14, 921-7	4.1	16
59	The impact of equol-producing status in modifying the effect of soya isoflavones on risk factors for CHD: a systematic review of randomised controlled trials. *Journal of Nutritional Science*, **2016**, 5, e30	2.7	16
58	Effect of High-Dose Marine Omega-3 Fatty Acids on Atherosclerosis: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. *Nutrients*, **2019**, 11,	6.7	15

57	Circulating levels of 8 cytokines and marine n-3 fatty acids and indices of obesity in Japanese, white, and Japanese American middle-aged men. *Journal of Interferon and Cytokine Research*, **2010**, 30, 541-8	3.5	15
56	Stronger associations of sagittal abdominal diameter with atherogenic lipoprotein subfractions than waist circumference in middle-aged US white and Japanese men. *Metabolism: Clinical and Experimental*, **2010**, 59, 1742-51	12.7	15
55	Association of lipoprotein-associated phospholipase A2 with coronary calcification among American and Japanese men. *Journal of Epidemiology*, **2007**, 17, 179-85	3.4	15
54	A Significant Positive Association of Vitamin D Deficiency with Coronary Artery Calcification among Middle-aged Men: For the ERA JUMP Study. *Journal of the American College of Nutrition*, **2016**, 35, 614-620	3.5	14
53	Association of blood levels of marine omega-3 fatty acids with coronary calcification and calcium density in Japanese men. *European Journal of Clinical Nutrition*, **2019**, 73, 783-792	5.2	13
52	The prevalence of aortic calcification in Japanese compared to white and Japanese-American middle-aged men is confounded by the amount of cigarette smoking. *International Journal of Cardiology*, **2013**, 167, 134-9	3.2	13
51	Difference in carotid intima-media thickness between Korean and Japanese men. *Annals of Epidemiology*, **2008**, 18, 310-5	6.4	13
50	The effect of soy isoflavones on arterial stiffness: a systematic review and meta-analysis of randomized controlled trials. *European Journal of Nutrition*, **2021**, 60, 603-614	5.2	12
49	Striking variation in coronary heart disease mortality in the United States among black and white women aged 45-54 by state. *Journal of Women's Health and Gender-Based Medicine*, **2000**, 9, 545-58		11
48	Associations of serum LDL particle concentration with carotid intima-media thickness and coronary artery calcification. *Journal of Clinical Lipidology*, **2016**, 10, 1195-1202.e1	4.9	9
47	Associations of cardiovascular fat radiodensity and vascular calcification in midlife women: The SWAN cardiovascular fat ancillary study. *Atherosclerosis*, **2018**, 279, 114-121	3.1	9
46	The role of initial and longitudinal change in blood pressure on progression of arterial stiffness among multiethnic middle-aged men. *Journal of Hypertension*, **2017**, 35, 111-117	1.9	8
45	Concurrent physical activity modifies the association between n3 long-chain fatty acids and cardiometabolic risk in midlife adults. *Journal of Nutrition*, **2013**, 143, 1414-20	4.1	8
44	Association of total marine fatty acids, eicosapentaenoic and docosahexaenoic acids, with aortic stiffness in Koreans, whites, and Japanese Americans. *American Journal of Hypertension*, **2013**, 26, 1321-7	2.3	8
43	Do differences in risk factors explain the lower rates of coronary heart disease in Japanese versus U.S. women?. *Journal of Women's Health*, **2013**, 22, 966-77	3	8
42	Coronary calcification is more predictive of carotid intimal medial thickness in black compared to white middle aged men. *Atherosclerosis*, **2008**, 196, 913-8	3.1	8
41	Risk stratification for 25-year cardiovascular disease incidence in type 1 diabetes: Tree-structured survival analysis of the Pittsburgh Epidemiology of Diabetes Complications study. *Diabetes and Vascular Disease Research*, **2016**, 13, 250-9	3.3	7
40	Ethnic difference in liver fat content: a cross-sectional observation among Japanese American in Hawaii, Japanese in Japan, and non-Hispanic whites in United States. *Obesity Research and Clinical Practice*, **2013**, 7, e198-205	5.4	7

39	Comparability in coronary artery calcium scores on CT scan between two community-based cohort studies. *International Journal of Cardiology*, **2011**, 149, 244-245	3.2	7
38	Serum ghrelin levels are higher in Caucasian men than Japanese men aged 40-49 years. *Diabetes, Obesity and Metabolism*, **2007**, 9, 591-3	6.7	7
37	The determinants of plasma plasminogen activator inhibitor-1 levels differ for American and Japanese men aged 40-49. *Diabetes Research and Clinical Practice*, **2006**, 72, 176-82	7.4	7
36	Cardiovascular fat in women at midlife: effects of race, overall adiposity, and central adiposity. The SWAN Cardiovascular Fat Study. *Menopause*, **2018**, 25, 38-45	2.5	7
35	The Associations of C-Reactive Protein with Serum Levels of Polyunsaturated Fatty Acids and Trans Fatty Acids Among Middle-Aged Men from Three Populations. *Journal of Nutrition, Health and Aging*, **2016**, 20, 16-21	5.2	6
34	Significant inverse associations of serum n-6 fatty acids with plasma plasminogen activator inhibitor-1. *British Journal of Nutrition*, **2012**, 107, 567-72	3.6	6
33	Open source model for global collaboration in higher education. *International Journal of Medical Informatics*, **2003**, 71, 165	5.3	6
32	Studies on the association of NIDDM in Japanese patients with hyperthyroid GravesTdisease. *Hormone Research*, **1992**, 38, 264-8		6
31	International Comparison of Abdominal Fat Distribution Among Four Populations: The ERA-JUMP Study. *Metabolic Syndrome and Related Disorders*, **2018**, 16, 166-173	2.6	5
30	Common carotid artery intima-media thickness increases throughout the pregnancy cycle: a prospective cohort study. *BMC Pregnancy and Childbirth*, **2018**, 18, 195	3.2	5
29	Comparison of carotid plaque burden among healthy middle-aged men living in the US, Japan, and South Korea. *International Journal of Cardiology*, **2018**, 266, 245-249	3.2	5
28	Towards an internet civil defence against bioterrorism. *Lancet Infectious Diseases, The*, **2001**, 1, 125-7	25.5	4
27	Waist to hip ratio, body mass index, and glucose intolerance from Funagata population-based diabetes survey in Japan. *Tohoku Journal of Experimental Medicine*, **1999**, 189, 11-20	2.4	4
26	Ambient fine particulate matter exposure and incident mild cognitive impairment and dementia. *Journal of the American Geriatrics Society*, **2021**, 69, 2185-2194	5.6	4
25	The association of home and accurately measured office blood pressure with coronary artery calcification among general Japanese men. *Journal of Hypertension*, **2019**, 37, 1676-1681	1.9	4
24	Association of alcohol consumption and aortic calcification in healthy men aged 40-49 years for the ERA JUMP Study. *Atherosclerosis*, **2018**, 268, 84-91	3.1	4
23	Association of Coronary Artery Calcification with Estimated Coronary Heart Disease Risk from Prediction Models in a Community-Based Sample of Japanese Men: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). *Journal of Atherosclerosis and Thrombosis*, **2018**, 25, 477-489	4	3
22	Serum long-chain n-3 polyunsaturated fatty acids and aortic calcification in middle-aged men: The population-based cross-sectional ERA-JUMP study. *Nutrition, Metabolism and Cardiovascular Diseases*, **2019**, 29, 837-846	4.5	3

21	Associations of D-dimer and von Willebrand factor with atherosclerosis in Japanese and white men. *Acta Cardiologica*, **2010**, 65, 449-56	0.9	3
20	Potential Protective Effects of Equol (Soy Isoflavone Metabolite) on Coronary Heart Diseases-From Molecular Mechanisms to Studies in Humans. *Nutrients*, **2021**, 13,	6.7	3
19	Long chain n-3 polyunsaturated fatty acids are not associated with circulating T-helper type 1 cells: Results from the Multi-Ethnic Study of Atherosclerosis (MESA). *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2017**, 125, 37-42	2.8	2
18	Data on alcohol consumption and coronary artery calcification among asymptomatic middle-aged men for the ERA-JUMP study. *Data in Brief*, **2018**, 17, 1091-1098	1.2	2
17	Correlation of a self-report and direct measure of physical activity level in the electron-beam tomography and risk assessment among Japanese and US Men in the post World War II birth cohort (ERA JUMP) study. *Journal of Epidemiology*, **2013**, 23, 411-7	3.4	2
16	Associations of body composition with incident dementia in older adults: Cardiovascular Health Study-Cognition Study. *Alzheimer's and Dementia*, **2020**, 16, 1402-1411	1.2	2
15	Physical activity levels in American and Japanese men from the ERA-JUMP Study and associations with metabolic syndrome. *Journal of Sport and Health Science*, **2020**, 9, 170-178	8.2	2
14	The Associations of Indices of Obesity with Lipoprotein Subfractions in Japanese American, African American and Korean Men. *Global Heart*, **2013**, 8, 273-280	2.9	2
13	Alcohol drinking and brain morphometry in apparently healthy community-dwelling Japanese men. *Alcohol*, **2021**, 90, 57-65	2.7	2
12	P3-615: EFFECTS OF SOY ISOFLAVONES ON COGNITIVE FUNCTION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS **2018**, 14, P1365-P1366		2
11	Significantly Greater Progression of Intima-Media Thickness of the Carotid Artery in Japanese American Men Than in White Men: The ERA JUMP Study. *Canadian Journal of Cardiology*, **2016**, 32, 1246.e7-1246.e12	3.8	1
10	Progression of coronary artery calcium in Japanese American men and white men in the ERA JUMP study. *International Journal of Cardiology*, **2017**, 228, 672-676	3.2	1
9	Associations of equol-producing status with white matter lesion and amyloid-β deposition in cognitively normal elderly Japanese. *Alzheimer's and Dementia: Translational Research and Clinical Interventions*, **2020**, 6, e12089	6	1
8	Brachial artery stiffening in healthy primigravidas is associated with weight gain and increased cardiac output. *Hypertension in Pregnancy*, **2018**, 37, 204-211	2	1
7	Cross-sectional association of bone mineral density with coronary artery calcification in an international multi-ethnic population-based cohort of men aged 40-49: ERA JUMP study. *IJC Heart and Vasculature*, **2020**, 30, 100618	2.4	0
6	Using lipid profiling to better characterize metabolic differences in apolipoprotein E (APOE) genotype among community-dwelling older Black men. *GeroScience*, **2021**, 1	8.9	0
5	Red blood cell fatty acid patterns from 7 countries: Focus on the Omega-3 index.. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2022**, 179, 102418	2.8	0
4	Comparison of HOMA-IR, HOMA-β% and disposition index between US white men and Japanese men in Japan in the ERA JUMP study: was the calculation of disposition index legitimate? Reply to Yamauchi K, Sato Y, Nakasone Y et al [letter]. *Diabetologia*, **2015**, 58, 1681-2	10.3	

3	Trends in mortality from major diseases in Europe during 1980 to 1993. *European Journal of Epidemiology*, **2000**, 16, 305-6	12.1
2	Lipoprotein particles and coronary artery calcium in middle-aged US-White and Japanese men. *Open Heart*, **2019**, 6, e001119	3
1	Differential Association of Serum n-3 Polyunsaturated Fatty Acids with Various Cerebrovascular Lesions in Japanese Men.. *Cerebrovascular Diseases*, **2022**, 1-7	3.2