Kuninori Shiwaku

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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.

74 papers	2,176 citations	24 h-index	45 g-index
75 ext. papers	2,371 ext. citations	4.3 avg, IF	4.15 L-index

#	Paper	IF	Citations
74	The new BMI criteria for asians by the regional office for the western pacific region of WHO are suitable for screening of overweight to prevent metabolic syndrome in elder Japanese workers. *Journal of Occupational Health*, **2003**, 45, 335-43	2.3	263
73	Antioxidant flavonol glycosides in mulberry (Morus alba L.) leaves isolated based on LDL antioxidant activity. *Food Chemistry*, **2006**, 97, 25-31	8.5	252
72	Screening for antioxidant activity in edible plant products: comparison of low-density lipoprotein oxidation assay, DPPH radical scavenging assay, and Folin-Ciocalteu assay. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 2391-6	5.7	208
71	Mulberry (Morus alba L.) leaves and their major flavonol quercetin 3-(6-malonylglucoside) attenuate atherosclerotic lesion development in LDL receptor-deficient mice. *Journal of Nutrition*, **2005**, 135, 729-34	4.1	139
70	Appropriate BMI for Asian populations. *Lancet, The*, **2004**, 363, 1077	40	101
69	Social capital and mental health in Japan: a multilevel analysis. *PLoS ONE*, **2010**, 5, e13214	3.7	94
68	Prevalence of the metabolic syndrome using the modified ATP III definitions for workers in Japan, Korea and Mongolia. *Journal of Occupational Health*, **2005**, 47, 126-35	2.3	80
67	Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain. *Archives of Toxicology*, **1996**, 70, 585-9	5.8	80
66	Effect of flavonol glycoside in mulberry (Morus alba L.) leaf on glucose metabolism and oxidative stress in liver in diet-induced obese mice. *Journal of the Science of Food and Agriculture*, **2010**, 90, 2386-92	4.3	63
65	Predictive values of anthropometric measurements for multiple metabolic disorders in Asian populations. *Diabetes Research and Clinical Practice*, **2005**, 69, 52-62	7.4	61
64	Mechanism of cytotoxicity of paraquat. III. The effects of acute paraquat exposure on the electron transport system in rat mitochondria. *Experimental and Toxicologic Pathology*, **1994**, 46, 437-41		57
63	Validation of a new mass screening tool for cognitive impairment: Cognitive Assessment for Dementia, iPad version. *Clinical Interventions in Aging*, **2013**, 8, 353-60	4	48
62	Environmental correlates of physical activity in driving and non-driving rural Japanese women. *Preventive Medicine*, **2009**, 49, 490-6	4.3	41
61	Linking social capital and mortality in the elderly: a Swedish national cohort study. *Experimental Gerontology*, **2014**, 55, 29-36	4.5	39
60	A community-wide campaign to promote physical activity in middle-aged and elderly people: a cluster randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*, **2013**, 10, 44	8.4	36
59	Prevalence of the metabolic syndrome using the Third Report of the National Cholesterol Educational Program Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (ATP III) and the modified ATP III definitions for Japanese and Mongolians. *Clinica Chimica Acta*, **2005**, 352, 105-13	6.2	33
58	Effects of quercetin derivatives from mulberry leaves: Improved gene expression related hepatic lipid and glucose metabolism in short-term high-fat fed mice. *Nutrition Research and Practice*, **2015**, 9, 137-43	2.1	31

57	Anti-obesity effects of hot water extract from Wasabi (Wasabia japonica Matsum.) leaves in mice fed high-fat diets. *Nutrition Research and Practice*, **2013**, 7, 267-72	2.1	27
56	Social capital and psychological distress of elderly in Japanese rural communities. *Stress and Health*, **2011**, 27, 163-9	3.7	27
55	Relationship between physical activity and chronic musculoskeletal pain among community-dwelling Japanese adults. *Journal of Epidemiology*, **2014**, 24, 474-83	3.4	26
54	Plasma n-3 polyunsaturated fatty acid and cardiovascular disease risk factors in Japanese, Korean and Mongolian workers. *Journal of Occupational Health*, **2007**, 49, 205-16	2.3	26
53	Triglyceride levels are ethnic-specifically associated with an index of stearoyl-CoA desaturase activity and n-3 PUFA levels in Asians. *Journal of Lipid Research*, **2004**, 45, 914-22	6.3	26
52	Contributions of social context to blood pressure: findings from a multilevel analysis of social capital and systolic blood pressure. *American Journal of Hypertension*, **2011**, 24, 643-6	2.3	25
51	A Trp 64 Arg mutation in the beta3-adrenergic receptor gene is not associated with moderate overweight in Japanese workers. *Metabolism: Clinical and Experimental*, **1998**, 47, 1528-30	12.7	24
50	Prevalence of wheat allergy in Japanese adults. *Allergology International*, **2012**, 61, 101-5	4.4	23
49	Primary structure of a novel ookinete surface protein from Plasmodium berghei. *Molecular and Biochemical Parasitology*, **1997**, 85, 131-4	1.9	23
48	Suppressive effect of hot water extract of wasabi (Wasabia japonica Matsum.) leaves on the differentiation of 3T3-L1 preadipocytes. *Food Chemistry*, **2010**, 118, 239-244	8.5	22
47	New zoonotic cases of Onchocerca dewittei japonica (Nematoda: Onchocercidae) in Honshu, Japan. *Parasites and Vectors*, **2015**, 8, 59	4	19
46	Effects of G994T in the Lp-PLA2 gene on the plasma oxidized LDL level and carotid intima-media thickness in Japanese: the Shimane study. *American Journal of Hypertension*, **2009**, 22, 742-7	2.3	19
45	High frequency of cardiovascular risk factors in overweight adult Japanese subjects. *Archives of Medical Research*, **2007**, 38, 337-44	6.6	19
44	Effect of environmental and lifestyle factors on hypertension: Shimane COHRE study. *PLoS ONE*, **2012**, 7, e49122	3.7	18
43	Antiobesity effect of polyphenolic compounds from molokheiya (Corchorus olitorius L.) leaves in LDL receptor-deficient mice. *European Journal of Nutrition*, **2011**, 50, 127-33	5.2	18
42	Comparison of Plasmodium yoelii ookinete surface antigens with human and avian malaria parasite homologues reveals two highly conserved regions. *Molecular and Biochemical Parasitology*, **1997**, 87, 107-11	1.9	17
41	Characterization of a hypoallergenic wheat line lacking ⊟ gliadin. *Allergology International*, **2016**, 65, 400-405	4.4	14
40	Standing posture at work and overweight exacerbate varicose veins: Shimane CoHRE Study. *Journal of Dermatology*, **2014**, 41, 964-8	1.6	12

39	Neighborhood linking social capital as a predictor of psychiatric medication prescription in the elderly: a Swedish national cohort study. *Journal of Psychiatric Research*, **2014**, 55, 44-51	5.2	11
38	Depression, stroke and gender: evidence of a stronger association in men. *Journal of Neurology, Neurosurgery and Psychiatry*, **2015**, 86, 319-23	5.5	10
37	Association between knee pain and gait speed decline in rural Japanese community-dwelling older adults: 1-year prospective cohort study. *Geriatrics and Gerontology International*, **2016**, 16, 55-64	2.9	10
36	Is location associated with high risk of hypertension? Shimane COHRE Study. *American Journal of Hypertension*, **2012**, 25, 784-8	2.3	10
35	Frequency of a single nucleotide (A2317G) and 56-bp variable number of tandem repeat polymorphisms within the deoxyribonuclease I gene in five ethnic populations. *Clinical Chemistry and Laboratory Medicine*, **2006**, 44, 1188-91	5.9	10
34	Cannabinoid Receptor 1 (CNR1) 4895 C/T Genetic Polymorphism was Associated with Obesity in Japanese Men. *Journal of Atherosclerosis and Thrombosis*, **2012**, 19, 779-85	4	9
33	Neighborhood Deprivation and Risk of Age-Related Eye Diseases: A Follow-up Study in Sweden. *Ophthalmic Epidemiology*, **2015**, 22, 308-20	1.9	8
32	Effect of salt intake on blood pressure in patients receiving antihypertensive therapy: Shimane CoHRE Study. *European Journal of Internal Medicine*, **2016**, 28, 70-3	3.9	8
31	Altitudes of residential areas affect salt intake in a rural area in Japan: a Shimane CoHRE Study. *Hypertension Research*, **2015**, 38, 895-8	4.7	7
30	The Effect of Utilization of In-home Services and the Changes in Levels of Care Needs of Frail Persons (2002-2004): Results of a Two-year Follow-up Study. *Journal of Rural Medicine: JRM*, **2012**, 7, 6-14	0.5	7
29	Traditional Japanese dietary basics: a solution for modern health issues?. *Lancet, The*, **2004**, 363, 1737-8	40	7
28	Differences in association of walking for recreation and for transport with maximum walking speed in an elderly Japanese community population. *Journal of Physical Activity and Health*, **2011**, 8, 841-7	2.5	6
27	The interaction of Apolipoprotein A5 gene promoter region T-1131C polymorphism (rs12286037) and lifestyle modification on plasma triglyceride levels in Japanese. *Nutrition Research and Practice*, **2015**, 9, 379-84	2.1	5
26	Aldehyde Dehydrogenase Polymorphisms and Blood Pressure Elevation in the Japanese: A Cross-Sectional and a Longitudinal Study over 20 Years in the Shimane CoHRE Study. *Disease Markers*, **2015**, 2015, 825435	3.2	5
25	Association Between Geographic Elevation, Bone Status, and Exercise Habits: The Shimane CoHRE Study. *International Journal of Environmental Research and Public Health*, **2015**, 12, 7392-9	4.6	5
24	Association of overweight and elevation with chronic knee and low back pain: a cross-sectional study. *International Journal of Environmental Research and Public Health*, **2014**, 11, 4417-26	4.6	5
23	The fatty acids of each lipid fraction and their use in providing energy source of the plerocercoid of Spirometra erinacei. *International Journal for Parasitology*, **1995**, 25, 15-21	4.3	5
22	Familial Transmission of Hospital-Treated Varicose Veins in Adoptees: A Swedish Family Study. *Journal of the American College of Surgeons*, **2016**, 223, 452-60	4.4	5

21	J-curve association between alcohol intake and varicose veins in Japan: The Shimane CoHRE Study. *Journal of Dermatology*, **2019**, 46, 902-906	1.6	4
20	Low levels of serum cholesterol and systolic blood pressure in Japanese with the apolipoprotein E3/2 genotype. *Clinica Chimica Acta*, **1999**, 284, 15-23	6.2	4
19	Development and Evaluation of Interventional Program for Obesity Based on Health Education and Self-Dertermination. *Journal of the Japanese Association of Rural Medicine*, **2003**, 52, 172-183	0	4
18	Dietary Antioxidants for Prevention of Cardiovascular Disease. *Journal of Rural Medicine: JRM*, **2005** , 1, 4-14	0.5	3
17	Weight Loss and Improvement of Metabolic Syndrome by Interventional Program Based on Health Education. *Journal of the Japanese Association of Rural Medicine*, **2004**, 53, 649-659	0	3
16	Effects of Six Functional SNPs on the Urinary 8-Isoprostane Level in a General Japanese Population; Shimane COHRE Study. *Disease Markers*, **2011**, 30, 291-298	3.2	2
15	Nigerian onchocerciasis:Epidemiological perspective.. *Tropical Medicine and Health*, **1991**, 19, 191-201		2
14	Changes of Care Levels of Frail Elderly Individuals After Introduction of Long-Term Nursing Care Insurance System. *Journal of the Japanese Association of Rural Medicine*, **2010**, 58, 516-525	0	2
13	Cognitive Function Improvement Effect of Old People by Complex-type Dementia Prevention Program. *Journal of the Japanese Association of Rural Medicine*, **2014**, 63, 606-617	0	1
12	Effect of temperature on fatty acid composition in each lipid fraction of Spirometra erinaceieuropaei plerocercoids. *Journal of Parasitology*, **2000**, 86, 7-11	0.9	1
11	Parasitological surveys in the Jos Plateau, Nigeria.. *Tropical Medicine and Health*, **1986**, 14, 295-302		1
10	Prevalence of lifestyle-related chronic diseases among agricultural and non-agricultural workers in ruralareas of Japan: the Shimane CoHRE study. *Journal of Rural Medicine: JRM*, **2020**, 15, 1-7	0.5	1
9	Behavioral intervention in the overweight and obese employee: the challenge of promoting weight loss and physical activity. *Journal of Rural Medicine: JRM*, **2012**, 7, 25-32	0.5	1
8	Predictive Values of Anthropometric Measurements for Visceral Obesity and Metabolic Syndrome in Educational Intervention. *Journal of the Japanese Association of Rural Medicine*, **2008**, 56, 852-862	0	1
7	Glasses-Free 3D Display System Using View Control Film for Stereo Image Separation. *Ferroelectrics* , **2010**, 394, 54-67	0.6	0
6	Association between a hilly neighborhood environment and falls among rural older adults: a cross-sectional study. *Journal of Rural Medicine: JRM*, **2021**, 16, 214-221	0.5	0
5	Psychosocial factors that have an influence on the effects of obesity improvement programs. *Journal of Rural Medicine: JRM*, **2010**, 5, 175-83	0.5	
4	360 Degrees All-Around View Displaying Using Viewing Angle Control Technique. *Ferroelectrics*, **2010**, 394, 40-53	0.6	

3	Dual Layer LC Panels for Polarization Control to Display Invisible 2D Code. *Ferroelectrics*, **2010**, 394, 68-78	0.6
2	Annual Studies on Health Conditions of Aged Bedridden Patients at Home in Rural District. *Journal of the Japanese Association of Rural Medicine*, **1984**, 32, 945-951	0
1	Ten-year Follow-up of Obesity and Obesity-related Metabolic Disorders in Male Rural Japanese Workers. *Journal of Rural Medicine: JRM*, **2009**, 4, 15-20	0.5