Kuninori Shiwaku

List of Publications by Year
in descending order

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74 papers	2,668 citations	218662 26 h-index	189881 50 g-index
75 all docs	75 docs citations	75 times ranked	3611 citing authors

#	Article	IF	Citations
1	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, 335-343.	2.1	315
2	Antioxidant flavonol glycosides in mulberry (Morus alba L.) leaves isolated based on LDL antioxidant activity. Food Chemistry, 2006, 97, 25-31.	8.2	289
3	Screening for Antioxidant Activity in Edible Plant Products:Â Comparison of Low-Density Lipoprotein Oxidation Assay, DPPH Radical Scavenging Assay, and Folinâ"Ciocalteu Assay. Journal of Agricultural and Food Chemistry, 2004, 52, 2391-2396.	5.2	249
4	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, 729-734.	2.9	172
5	Appropriate BMI for Asian populations. Lancet, The, 2004, 363, 1077.	13.7	133
6	Social Capital and Mental Health in Japan: A Multilevel Analysis. PLoS ONE, 2010, 5, e13214.	2.5	115
7	Prevalence of the Metabolic Syndrome using the Modified ATP III Definitions for Workers in Japan, Korea and Mongolia. Journal of Occupational Health, 2005, 47, 126-135.	2.1	96
8	Effects of paraquat on mitochondrial electron transport system and catecholamine contents in rat brain. Archives of Toxicology, 1996, 70, 585-589.	4.2	91
9	Effect of flavonol glycoside in mulberry (Morus alba L.) leaf on glucose metabolism and oxidative stress in liver in dietâ€induced obese mice. Journal of the Science of Food and Agriculture, 2010, 90, 2386-2392.	3.5	76
10	Predictive values of anthropometric measurements for multiple metabolic disorders in Asian populations. Diabetes Research and Clinical Practice, 2005, 69, 52-62.	2.8	73
11	Mechanism of cytotoxicity of paraquat. Experimental and Toxicologic Pathology, 1994, 46, 437-441.	2.1	68
12	Validation of a new mass screening tool for cognitive impairment: Cognitive Assessment for Dementia, iPad version. Clinical Interventions in Aging, 2013, 8, 353.	2.9	59
13	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, 105-113.	1.1	47
14	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.	4.6	45
15	Linking social capital and mortality in the elderly: A Swedish national cohort study. Experimental Gerontology, 2014, 55, 29-36.	2.8	45
16	Environmental correlates of physical activity in driving and non-driving rural Japanese women. Preventive Medicine, 2009, 49, 490-496.	3.4	44
17	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.	1.9	44
18	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.	1.9	33

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19	Social capital and psychological distress of elderly in Japanese rural communities. Stress and Health, 2011, 27, 163-169.	2.6	30
20	Prevalence of Wheat Allergy in Japanese Adults. Allergology International, 2012, 61, 101-105.	3.3	30
21	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, 914-922.	4.2	29
22	Antiobesity effect of polyphenolic compounds from molokheiya (Corchorus olitorius L.) leaves in LDL receptor-deficient mice. European Journal of Nutrition, 2011, 50, 127-133.	3.9	29
23	Relationship Between Physical Activity and Chronic Musculoskeletal Pain Among Community-Dwelling Japanese Adults. Journal of Epidemiology, 2014, 24, 474-483.	2.4	29
24	Plasma nâ€ƒ Polyunsaturated Fatty Acid and Cardiovascular Disease Risk Factors in Japanese, Korean and Mongolian Workers. Journal of Occupational Health, 2007, 49, 205-216.	2.1	28
25	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.	8.2	28
26	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, 643-646.	2.0	28
27	Characterization of a hypoallergenic wheat line lacking ï‰-5 gliadin. Allergology International, 2016, 65, 400-405.	3.3	27
28	A Trp 64 Arg mutation in the Î²3-adrenergic receptor gene is not associated with moderate overweight in Japanese workers. Metabolism: Clinical and Experimental, 1998, 47, 1528-1530.	3.4	25
29	Primary structure of a novel ookinete surface protein from Plasmodium berghei1Note: Nucleotide sequence data reported in this paper are available in the EMBL, GenBankâ„¢ and DDBJ data bases under the accession number D88664.1. Molecular and Biochemical Parasitology, 1997, 85, 131-134.	1.1	24
30	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, 742-747.	2.0	24
31	Standing posture at work and overweight exacerbate varicose veins: Shimane Co<scp>HRE</scp> Study. Journal of Dermatology, 2014, 41, 964-968.	1.2	23
32	Effect of Environmental and Lifestyle Factors on Hypertension: Shimane COHRE Study. PLoS ONE, 2012, 7, e49122.	2.5	22
33	Depression, stroke and gender: evidence of a stronger association in men. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 319-323.	1.9	22
34	New zoonotic cases of Onchocerca dewittei japonica (Nematoda: Onchocercidae) in Honshu, Japan. Parasites and Vectors, 2015, 8, 59.	2.5	22
35	High Frequency of Cardiovascular Risk Factors in Overweight Adult Japanese Subjects. Archives of Medical Research, 2007, 38, 337-344.	3.3	21
36	Comparison of Plasmodium yoelii ookinete surface antigens with human and avian malaria parasite homologues reveals two highly conserved regions1Note: Nucleotide sequence data reported in this paper are available in the EMBL, GenBankâ„¢ and DDBJ data bases under the accession numbers: Pys21, D89081 and Pys25, D89082.1. Molecular and Biochemical Parasitology, 1997, 87, 107-111.	1.1	18

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37	Association between knee pain and gait speed decline in rural <scp>J</scp>apanese communityâ€dwelling older adults: 1â€year prospective cohort study. Geriatrics and Gerontology International, 2016, 16, 55-64.	1.5	15
38	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.	3.1	13
39	Association Between Geographic Elevation, Bone Status, and Exercise Habits: The Shimane CoHRE Study. International Journal of Environmental Research and Public Health, 2015, 12, 7392-7399.	2.6	13
40	Is Location Associated With High Risk of Hypertension? Shimane COHRE Study. American Journal of Hypertension, 2012, 25, 784-788.	2.0	12
41	Neighborhood Deprivation and Risk of Age-Related Eye Diseases: A Follow-up Study in Sweden. Ophthalmic Epidemiology, 2015, 22, 308-320.	1.7	12
42	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.	2.3	11
43	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	11
44	Effect of salt intake on blood pressure in patients receiving antihypertensive therapy: Shimane CoHRE Study. European Journal of Internal Medicine, 2016, 28, 70-73.	2.2	11
45	Traditional Japanese dietary basics: a solution for modern health issues?. Lancet, The, 2004, 363, 1737-1738.	13.7	10
46	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, 841-847.	2.0	9
47	Cannabinoid Receptor 1 (<i>CNR1</i>) <i>4895 C/T</i> Genetic Polymorphism was Associated with Obesity in Japanese Men. Journal of Atherosclerosis and Thrombosis, 2012, 19, 779-785.	2.0	9
48	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, 4417-4426.	2.6	9
49	Altitudes of residential areas affect salt intake in a rural area in Japan: a Shimane CoHRE Study. Hypertension Research, 2015, 38, 895-898.	2.7	8
50	Jâ€curve association between alcohol intake and varicose veins in Japan: The Shimane CoHRE Study. Journal of Dermatology, 2019, 46, 902-906.	1.2	8
51	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.	3.1	7
52	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.	0.0	6
53	Low levels of serum cholesterol and systolic blood pressure in Japanese with the apolipoprotein E3/2 genotype. Clinica Chimica Acta, 1999, 284, 15-23.	1.1	5
54	The interaction ofApolipoprotein A5gene promoter region T-1131C polymorphism (rs12286037) and lifestyle modification on plasma triglyceride levels in Japanese. Nutrition Research and Practice, 2015, 9, 379.	1.9	5

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55	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, 1-4.	1.3	5
56	Familial Transmission of Hospital-Treated Varicose Veins in Adoptees: A Swedish Family Study. Journal of the American College of Surgeons, 2016, 223, 452-460.	0.5	5
57	Nigerian onchocerciasis:Epidemiological perspective.. Tropical Medicine and Health, 1991, 19, 191-201.	0.1	4
58	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.	0.0	4
59	Dietary Antioxidants for Prevention of Cardiovascular Disease. Journal of Rural Medicine: JRM, 2005, 1, 4-14.	0.5	3
60	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.	0.0	3
61	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.	1.3	2
62	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	2
63	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	2
64	EFFECT OF TEMPERATURE ON FATTY ACID COMPOSITION IN EACH LIPID FRACTION OFSPIROMETRA ERINACEIEUROPAEIPLEROCERCOIDS. Journal of Parasitology, 2000, 86, 7-11.	0.7	1
65	360 Degrees All-Around View Displaying Using Viewing Angle Control Technique. Ferroelectrics, 2010, 394, 40-53.	0.6	1
66	Glasses-Free 3D Display System Using View Control Film for Stereo Image Separation. Ferroelectrics, 2010, 394, 54-67.	0.6	1
67	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.	0.0	1
68	Parasitological surveys in the Jos Plateau, Nigeria.. Tropical Medicine and Health, 1986, 14, 295-302.	0.1	1
69	Behavioral Intervention in the Overweight and ObeseEmployee: The Challenge of Promoting Weight Lossand Physical Activity. Journal of Rural Medicine: JRM, 2012, 7, 25-32.	0.5	1
70	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.	0.0	1
71	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.	0.0	0
72	Psychosocial Factors That Have an Influence on the Effects of Obesity Improvement Programs. Journal of Rural Medicine: JRM, 2010, 5, 175-183.	0.5	0

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73	Dual Layer LC Panels for Polarization Control to Display Invisible 2D Code. Ferroelectrics, 2010, 394, 68-79.	0.6	0
74	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	0