

Masatoshi Matsumoto

List of Publications by Year in descending order

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89
papers

1,965
citations

304368

22
h-index

276539

41
g-index

90
all docs

90
docs citations

90
times ranked

2207
citing authors

#	ARTICLE	IF	CITATIONS
1	Japanese universal health coverage: evolution, achievements, and challenges. <i>Lancet</i> , The, 2011, 378, 1106-1115.	6.3	487
2	Geographical distributions of physicians in Japan and US: Impact of healthcare system on physician dispersal pattern. <i>Health Policy</i> , 2010, 96, 255-261.	1.4	78
3	Association of Adiponectin With Cerebrovascular Disease. <i>Stroke</i> , 2008, 39, 323-328.	1.0	64
4	Geographic distribution of primary care physicians in Japan and Britain. <i>Health and Place</i> , 2010, 16, 164-166.	1.5	64
5	The combination of fasting plasma glucose and glycosylated hemoglobin predicts type 2 diabetes in Japanese workers. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, 451-458.	1.1	56
6	A Contract-Based Training System for Rural Physicians: Follow-Up of Jichi Medical University Graduates (1978-2006). <i>Journal of Rural Health</i> , 2008, 24, 360-368.	1.6	55
7	Fasting plasma glucose and HbA _{1c} as risk factors for Type 2 diabetes. <i>Diabetic Medicine</i> , 2008, 25, 1157-1163.	1.2	54
8	Associations of Brachial-Ankle Pulse Wave Velocity and Carotid Atherosclerotic Lesions with Silent Cerebral Lesions. <i>Hypertension Research</i> , 2007, 30, 767-773.	1.5	53
9	Cumulative Effects of Weather on Stroke Incidence: A Multi-Community Cohort Study in Japan. <i>Journal of Epidemiology</i> , 2010, 20, 136-142.	1.1	50
10	Characteristics of medical students with rural origin: Implications for selective admission policies. <i>Health Policy</i> , 2008, 87, 194-202.	1.4	47
11	Factors associated with rural doctors' intention to continue a rural career: A survey of 3072 doctors in Japan. <i>Australian Journal of Rural Health</i> , 2005, 13, 219-225.	0.7	46
12	Increased Intima Media Thickness and Atherosclerotic Plaques in the Carotid Artery as Risk Factors for Silent Brain Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2007, 16, 14-20.	0.7	39
13	Geographic Distribution of CT, MRI and PET Devices in Japan: A Longitudinal Analysis Based on National Census Data. <i>PLoS ONE</i> , 2015, 10, e0126036.	1.1	38
14	Policy implications of a financial incentive programme to retain a physician workforce in underserved Japanese rural areas. <i>Social Science and Medicine</i> , 2010, 71, 667-671.	1.8	37
15	Self-employment, specialty choice, and geographical distribution of physicians in Japan: A comparison with the United States. <i>Health Policy</i> , 2010, 96, 239-244.	1.4	36
16	The Vanguard of Community-based Integrated Care in Japan: The Effect of a Rural Town on National Policy. <i>International Journal of Integrated Care</i> , 2017, 17, 2.	0.1	36
17	Transition of physician distribution (1980-2002) in Japan and factors predicting future rural practice. <i>Rural and Remote Health</i> , 2009, 9, 1070.	0.4	32
18	Consumption of Dairy Products and Cancer Risks. <i>Journal of Epidemiology</i> , 2007, 17, 38-44.	1.1	31

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19	Rural Doctors' Satisfaction in Japan: A Nationwide Survey. <i>Australian Journal of Rural Health</i> , 2004, 12, 40-48.	0.7	29
20	Retention of physicians in rural Japan: concerted efforts of the government, prefectures, municipalities and medical schools. <i>Rural and Remote Health</i> , 2010, 10, 1432.	0.4	29
21	Predictors of Institutionalization in Elderly People Living at Home: The Impact of Incontinence and Commode Use in Rural Japan. <i>Journal of Cross-Cultural Gerontology</i> , 2007, 22, 421-432.	0.5	26
22	Aging of hospital physicians in rural Japan: A longitudinal study based on national census data. <i>PLoS ONE</i> , 2018, 13, e0198317.	1.1	25
23	Follow-up study of the regional quota system of Japanese medical schools and prefecture scholarship programmes: a study protocol. <i>BMJ Open</i> , 2016, 6, e011165.	0.8	24
24	Long-term effect of the home prefecture recruiting scheme of Jichi Medical University, Japan. <i>Rural and Remote Health</i> , 2008, 8, 930.	0.4	24
25	Prevalence and characteristics of non-obese diabetes in Japanese men and women: the Yuport Medical Checkup Center Study. <i>Journal of Diabetes</i> , 2015, 7, 523-530.		
26	Geographic Distribution of Radiologists and Utilization of Teleradiology in Japan: A Longitudinal Analysis Based on National Census Data. <i>PLoS ONE</i> , 2015, 10, e0139723.	1.1	23
27	Medical education program with obligatory rural service: Analysis of factors associated with obligation compliance. <i>Health Policy</i> , 2009, 90, 125-132.	1.4	21
28	Homebound status in a community-dwelling elderly population in Japan. <i>Asia-Pacific Journal of Public Health</i> , 2001, 13, 109-115.	0.4	20
29	Community characteristics that attract physicians in Japan: a cross-sectional analysis of community demographic and economic factors. <i>Human Resources for Health</i> , 2009, 7, 12.	1.1	19
30	Evaluation of a Medical School for Rural Doctors. <i>Journal of Rural Health</i> , 2007, 23, 183-187.	1.6	18
31	Adiponectin and noncardiovascular death: a nested case-control study. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 811-818.	1.5	18
32	Risk Charts Illustrating the 10-year Risk of Myocardial Infarction among Residents of Japanese Rural Communities: The JMS Cohort Study. <i>Journal of Epidemiology</i> , 2009, 19, 94-100.	1.1	18
33	Geographical distribution of family physicians in Japan: a nationwide cross-sectional study. <i>BMC Family Practice</i> , 2019, 20, 147.	2.9	17
34	Geographic Distribution of Regional Quota Program Graduates of Japanese Medical Schools: A Nationwide Cohort Study. <i>Academic Medicine</i> , 2019, 94, 1244-1252.	0.8	17
35	Quality of care in Japan: an additional strategy. <i>Lancet, The</i> , 2011, 378, e17.	6.3	16
36	White Blood Cell Count and C-Reactive Protein Independently Predicted Incident Diabetes: Yuport Medical Checkup Center Study. <i>Endocrine Research</i> , 2019, 44, 127-137.	0.6	15

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37	High-tech rural clinics and hospitals in Japan: a comparison to the Japanese average. Australian Journal of Rural Health, 2004, 12, 215-219.	0.7	14
38	Japan's new postgraduate medical training system. Clinical Teacher, 2004, 1, 38-40.	0.4	14
39	Plasma Adiponectin Level and Myocardial Infarction: the JMS Cohort Study. Journal of Epidemiology, 2009, 19, 49-55.	1.1	14
40	Physician scarcity is a predictor of further scarcity in US, and a predictor of concentration in Japan. Health Policy, 2010, 95, 129-136.	1.4	14
41	The impact of rural hospital closures on equity of commuting time for haemodialysis patients: simulation analysis using the capacity-distance model. International Journal of Health Geographics, 2012, 11, 28.	1.2	14
42	Selection and concentration of obstetric facilities in Japan: Longitudinal study based on national census data. Journal of Obstetrics and Gynaecology Research, 2015, 41, 919-925.	0.6	12
43	Results of physician licence examination and scholarship contract compliance by the graduates of regional quotas in Japanese medical schools: a nationwide cross-sectional survey. BMJ Open, 2017, 7, e019418.	0.8	12
44	Rural practice evaluation: how do rural physicians evaluate their working conditions?. Australian Journal of Rural Health, 2001, 9, 65-69.	0.7	11
45	Definition of "Rural" Determines the Placement Outcomes of a Rural Medical Education Program: Analysis of Jichi Medical University Graduates. Journal of Rural Health, 2010, 26, 234-239.	1.6	11
46	The effect of the 2018 Japan Floods on cognitive decline among long-term care insurance users in Japan: a retrospective cohort study. Environmental Health and Preventive Medicine, 2021, 26, 113.	1.4	11
47	Education policies to increase rural physicians in Japan: a nationwide cohort study. Human Resources for Health, 2021, 19, 102.	1.1	10
48	Elevated liver enzymes in women with a family history of diabetes. Diabetes Research and Clinical Practice, 2008, 79, e4-e7.	1.1	9
49	The effect of concentrating obstetrics services in fewer hospitals on patient access: a simulation. International Journal of Health Geographics, 2016, 15, 4.	1.2	9
50	Board certification and urban-rural migration of physicians in Japan. BMC Health Services Research, 2018, 18, 615.	0.9	9
51	Geographic Maldistribution of Physicians in Japan: Increasing the Number of Generalists is One Solution. Journal of General and Family Medicine, 2015, 16, 260-264.	0.3	8
52	Rural health in Japan: past and future. Rural and Remote Health, 2017, 17, 4521.	0.4	8
53	Low creatinine levels in diabetes mellitus among older individuals: the Yuport Medical Checkup Center Study. Scientific Reports, 2021, 11, 15167.	1.6	7
54	Career pathways of board-certified surgeons in Japan. Surgery Today, 2016, 46, 661-667.	0.7	6

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55	General practice departments of university hospitals and certified training programs for general practitioners in Japan: A nationwide questionnaire survey. <i>Journal of General and Family Medicine</i> , 2017, 18, 244-248.	0.3	6
56	Internal medicine board certification and career pathways in Japan. <i>BMC Medical Education</i> , 2017, 17, 83.	1.0	6
57	Do Non-Glycaemic Markers Add Value to Plasma Glucose and Hemoglobin A1c in Predicting Diabetes? Yuport Health Checkup Center Study. <i>PLoS ONE</i> , 2013, 8, e66899.	1.1	5
58	Evidence-based Reform of Rural Medical Education. <i>Iryo To Shakai</i> , 2012, 22, 103-112.	0.0	5
59	Effects of the 2018 Japan Floods on long-term care insurance costs in Japan: retrospective cohort study. <i>BMC Public Health</i> , 2022, 22, 341.	1.2	5
60	Nature and nurture in a diabetes epidemic. <i>Practical Diabetes International: the International Journal for Diabetes Care Teams Worldwide</i> , 2002, 19, 35-36.	0.2	4
61	Characteristics of Physician Outflow from Disaster Areas following the Great East Japan Earthquake. <i>PLoS ONE</i> , 2017, 12, e0169220.	1.1	4
62	Five Cases of Familial Mediterranean Fever in Japan: The Relationship with <i>MEFV</i> Mutations. <i>Internal Medicine</i> , 2018, 57, 2425-2429.	0.3	4
63	Low hemoglobin A1c and low body mass index are associated with dementia and activities of daily living disability among Japanese nursing home residents with diabetes. <i>Geriatrics and Gerontology International</i> , 2019, 19, 854-860.	0.7	4
64	Geographic Distribution of Physicians: An International Comparison. <i>Iryo To Shakai</i> , 2011, 21, 97-107.	0.0	4
65	The 2018 Japan Floods Increased Prescriptions of Antidementia Drugs Among Disaster Victims. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 1045-1051.	1.2	4
66	Serum Alanine Transaminase as a Predictor of Type 2 Diabetes Incidence: The Yuport Prospective Cohort Study. <i>Tohoku Journal of Experimental Medicine</i> , 2020, 251, 183-191.	0.5	3
67	Characteristics of physicians, their migration patterns and distance: a longitudinal study in Hiroshima, Japan. <i>Rural and Remote Health</i> , 2012, 12, 2027.	0.4	3
68	Do rural and remote areas really have limited accessibility to health care? Geographic analysis of dialysis patients in Hiroshima, Japan. <i>Rural and Remote Health</i> , 2013, 13, 2507.	0.4	3
69	Impact of the 2018 Japan Floods on prescriptions for migraine: A longitudinal analysis using the National Database of Health Insurance Claims. <i>Headache</i> , 2022, , .	1.8	3
70	Kampo Medicine Training in Japanese Medical Schools. <i>Academic Medicine</i> , 2000, 75, 1-2.	0.8	2
71	Association Between Remoteness to a Health Care Facility and Incidence of Ambulance Calls in Rural Areas of Japan. <i>Health Services Research and Managerial Epidemiology</i> , 2015, 2, 233339281559829.	0.5	2
72	A Study of the Structure of Japanese University Students' Awareness of Long-Term Care Socialization. <i>Healthcare (Switzerland)</i> , 2021, 9, 1106.	1.0	2

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73	Predictive variables for hemodialysis and death in Japanese spotted fever, and the association between distance from rivers and incidence. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101544.	1.1	2
74	SHORT TERM LOCUM TENENS FOR RURAL PRACTICE: A TRIAL OF A JAPANESE MEDICAL SCHOOL. <i>Australian Journal of Rural Health</i> , 2002, 10, 80-86.	0.7	2
75	Concordance of Two Diabetes Diagnostic Criteria Using Fasting Plasma Glucose and Hemoglobin A1c: The Yuport Medical Checkup Centre Study. <i>PLoS ONE</i> , 2012, 7, e47747.	1.1	2
76	Discontinuation of long-term care among persons affected by the 2018 Japan Floods: a longitudinal study using the Long-term Care Insurance Comprehensive Database. <i>BMC Geriatrics</i> , 2022, 22, 168.	1.1	2
77	Innovative research from a rural practice: a blue dahlia?. <i>Australian Journal of Rural Health</i> , 2004, 12, 224-225.	0.7	1
78	RURAL DOCTORS' SATISFACTION IN JAPAN: A NATIONWIDE SURVEY. <i>Australian Journal of Rural Health</i> , 2008, 12, 40-48.	0.7	1
79	Have the tsunami and nuclear accident following the Great East Japan Earthquake affected the local distribution of hospital physicians?. <i>PLoS ONE</i> , 2017, 12, e0178020.	1.1	1
80	Emigration of regional quota graduates of Japanese medical schools to non-designated prefectures: a prospective nationwide cohort study. <i>BMJ Open</i> , 2019, 9, e029335.	0.8	1
81	Effect and significance of incorporating access in estimating the number of required physicians: focus on differences in population density in the target area. <i>International Journal of Health Geographics</i> , 2021, 20, 21.	1.2	1
82	The use of information and communication technology in Japanese rural clinics. <i>Journal of Rural Medicine: JRM</i> , 2021, 16, 298-300.	0.2	1
83	The 2018 Japan Floods Increased the Frequency of Yokukansan Prescriptions Among Elderly: A Retrospective Cohort Study. <i>Frontiers in Nutrition</i> , 2021, 8, 777330.	1.6	1
84	Rurality of communities and incidence of stroke: a confounding effect of weather conditions?. <i>Rural and Remote Health</i> , 2010, 10, 1493.	0.4	1
85	Impact of the 2018 Japan Floods on benzodiazepine use: a longitudinal analysis based on the National Database of Health Insurance Claims. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2022, 57, 2411-2421.	1.6	1
86	Sex-specific Association of Primary Aldosteronism With Visceral Adiposity. <i>Journal of the Endocrine Society</i> , 2022, 6, .	0.1	1
87	Daybreak of AIDS Epidemic in Japan. <i>AIDS Patient Care and STDs</i> , 2000, 14, 293-294.	1.1	0
88	RURAL PRACTICE EVALUATION: HOW DO RURAL PHYSICIANS EVALUATE THEIR WORKING CONDITIONS?. <i>Australian Journal of Rural Health</i> , 2008, 9, 65-69.	0.7	0
89	Levels of fasting plasma glucose in non-hospitalized older people with high hemoglobin A1c levels. <i>Journal of Diabetes Investigation</i> , 2020, 11, 750-751.	1.1	0