

# Rei Otsuka

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,099  
citations

394421

19  
h-index

454955

30  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of gait speed and grip strength in predicting 10-year cognitive decline among community-dwelling older people. <i>BMC Geriatrics</i> , 2019, 19, 186.	2.7	123
2	Age-related changes in skeletal muscle mass among community-dwelling Japanese: A 12-year longitudinal study. <i>Geriatrics and Gerontology International</i> , 2014, 14, 85-92.	1.5	88
3	Dietary diversity decreases the risk of cognitive decline among Japanese older adults. <i>Geriatrics and Gerontology International</i> , 2017, 17, 937-944.	1.5	74
4	Daily Physical Activity Predicts Frailty Development Among Community-Dwelling Older Japanese Adults. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1032-1036.	2.5	43
5	Links Between Physical Frailty and Regional Gray Matter Volumes in Older Adults: A Voxel-Based Morphometry Study. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1587-1592.e7.	2.5	42
6	Higher Serum EPA or DHA, and Lower ARA Compositions with Age Independent Fatty Acid Intake in Japanese Aged 40 to 79. <i>Lipids</i> , 2013, 48, 719-727.	1.7	39
7	Smaller Hippocampal Volume and Degraded Peripheral Hearing Among Japanese Community Dwellers. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 319.	3.4	39
8	Hearing-impaired elderly people have smaller social networks: A population-based aging study. <i>Archives of Gerontology and Geriatrics</i> , 2019, 83, 75-80.	3.0	37
9	Dietary Factors Associated with the Development of Physical Frailty in Community-Dwelling Older Adults. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 89-95.	3.3	37
10	Subtypes of physical frailty and their long-term outcomes: a longitudinal cohort study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1223-1231.	7.3	34
11	Are Japanese Older Adults Rejuvenating? Changes in Health-Related Measures Among Older Community Dwellers in the Last Decade. <i>Rejuvenation Research</i> , 2021, 24, 37-48.	1.8	31
12	Age-related changes in energy intake and weight in community-dwelling middle-aged and elderly Japanese. <i>Journal of Nutrition, Health and Aging</i> , 2016, 20, 383-390.	3.3	29
13	Dietary Diversity and All-Cause and Cause-Specific Mortality in Japanese Community-Dwelling Older Adults. <i>Nutrients</i> , 2020, 12, 1052.	4.1	29
14	Dietary diversity and 14-year decline in higher-level functional capacity among middle-aged and elderly Japanese. <i>Nutrition</i> , 2016, 32, 784-789.	2.4	28
15	Sex- and age-related differences in mid-thigh composition and muscle quality determined by computed tomography in middle-aged and elderly Japanese. <i>Geriatrics and Gerontology International</i> , 2015, 15, 700-706.	1.5	27
16	The Longitudinal Impact of Hearing Impairment on Cognition Differs According to Cognitive Domain. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 201.	3.4	26
17	Differences in the mass and quality of the quadriceps with age and sex and their relationships with knee extension strength. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 900-912.	7.3	23
18	Relationship between number of metabolic syndrome components and dietary factors in middle-aged and elderly Japanese subjects. <i>Hypertension Research</i> , 2010, 33, 548-554.	2.7	22

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19	Sex-differences in age-related grip strength decline: A 10-year longitudinal study of community-living middle-aged and older Japanese. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2016, 5, 87-94.	0.3	21
20	Descriptive epidemiological study of food intake among Japanese adults: analyses by age, time and birth cohort model. <i>BMC Public Health</i> , 2014, 14, 328.	2.9	19
21	Cross-sectional association between serum concentrations of n-3 long-chain PUFA and depressive symptoms: results in Japanese community dwellers. <i>British Journal of Nutrition</i> , 2016, 115, 672-680.	2.3	19
22	Epidemiology of frailty in elderly Japanese. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2016, 5, 301-307.	0.3	18
23	What is the best adjustment of appendicular lean mass for predicting mortality or disability among Japanese community dwellers?. <i>BMC Geriatrics</i> , 2018, 18, 8.	2.7	17
24	Longitudinal Association between n-3 Long-Chain Polyunsaturated Fatty Acid Intake and Depressive Symptoms: A Population-Based Cohort Study in Japan. <i>Nutrients</i> , 2018, 10, 1655.	4.1	16
25	Decreased Salt Intake in Japanese Men Aged 40 to 70 Years and Women Aged 70 to 79 Years: An 8-Year Longitudinal Study. <i>Journal of the American Dietetic Association</i> , 2011, 111, 844-850.	1.1	14
26	Physical frailty and mortality risk in Japanese older adults. <i>Geriatrics and Gerontology International</i> , 2018, 18, 1085-1092.	1.5	14
27	Fish and Meat Intake, Serum Eicosapentaenoic Acid and Docosahexaenoic Acid Levels, and Mortality in Community-Dwelling Japanese Older Persons. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1806.	2.6	14
28	The Association between Dietary Amino Acid Intake and Cognitive Decline 8 Years Later in Japanese Community-Dwelling Older Adults. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 165-171.	3.3	14
29	Dietary diversity is associated with longitudinal changes in hippocampal volume among Japanese community dwellers. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 946-953.	2.9	14
30	Higher gait speed and smaller sway area decrease the risk for decline in higher-level functional capacity among middle-aged and elderly women. <i>Archives of Gerontology and Geriatrics</i> , 2015, 61, 429-436.	3.0	12
31	Personality and global cognitive decline in Japanese community-dwelling elderly people: A 10-year longitudinal study. <i>Journal of Psychosomatic Research</i> , 2016, 91, 20-25.	2.6	12
32	The association between objective measures of residence and worksite neighborhood environment, and self-reported leisure-time physical activities: The Aichi Workers' Cohort Study. <i>Preventive Medicine Reports</i> , 2018, 11, 282-289.	1.8	11
33	A Multi-Institutional Study of Older Hearing Aids Beginners—A Prospective Single-Arm Observation on Executive Function and Social Interaction. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 1168-1174.	2.5	11
34	Advantages of Taking Photographs with the 3-Day Dietary Record. <i>Journal for the Integrated Study of Dietary Habits</i> , 2009, 20, 203-210.	0.0	11
35	The effect of modifiable healthy practices on higher-level functional capacity decline among Japanese community dwellers. <i>Preventive Medicine Reports</i> , 2017, 5, 205-209.	1.8	10
36	Age-Related 12-Year Changes in Dietary Diversity and Food Intakes Among Community-Dwelling Japanese Aged 40 to 79 Years. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 594-600.	3.3	10

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37	Positive Effects of Openness on Cognitive Aging in Middle-Aged and Older Adults: A 13-Year Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2072.	2.6	8
38	Intake of isoflavones reduces the risk of all-cause mortality in middle-aged Japanese. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 1781-1791.	2.9	8
39	Secular trend of serum docosahexaenoic acid, eicosapentaenoic acid, and arachidonic acid concentrations among Japanese: A 4- and 13-year descriptive epidemiologic study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 94, 35-42.	2.2	6
40	Cognitive abilities predict death during the next 15 years in older Japanese adults. <i>Geriatrics and Gerontology International</i> , 2017, 17, 1654-1660.	1.5	5
41	Green tea consumption is associated with annual changes in hippocampal volumes: A longitudinal study in community-dwelling middle-aged and older Japanese individuals. <i>Archives of Gerontology and Geriatrics</i> , 2021, 96, 104454.	3.0	5
42	Association of Dietary Intake with the Transitions of Frailty among Japanese Community-Dwelling Older Adults. <i>Journal of Frailty &amp; Aging</i> , 2022, 11, 1-7.	1.3	5
43	Breakfast Protein Quality and Muscle Strength in Japanese Older Adults: A Community-Based Longitudinal Study. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 729-735.e2.	2.5	5
44	Positive Association of Physical Activity with Both Objective and Perceived Measures of the Neighborhood Environment among Older Adults: The Aichi Workers Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7971.	2.6	4
45	Dietary Habits and Incidence of Metabolic Syndrome among Middle-aged Japanese Male Workers. <i>Nihon Eiyō-Shokuryō-Gakkai Shi = Nippon Eiyō-Shokuryō-Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2009, 62, 123-129.	0.2	4
46	Association between intra-individual changes in social network diversity and global cognition in older adults: Does closeness to network members make a difference?. <i>Journal of Psychosomatic Research</i> , 2021, 151, 110658.	2.6	4
47	Vasomotor symptoms, sleep problems, and depressive symptoms in community-dwelling Japanese women. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021, 47, 3677-3690.	1.3	3
48	Longitudinal associations between hearing aid usage and cognition in community-dwelling Japanese older adults with moderate hearing loss. <i>PLoS ONE</i> , 2021, 16, e0258520.	2.5	3
49	Interaction between cognitive leisure activity and long-chain polyunsaturated fatty acid intake on global cognitive decline in a Japanese longitudinal cohort study: National Institute for Longevity Sciences-Longitudinal Study of Aging. <i>BMC Geriatrics</i> , 2021, 21, 443.	2.7	2
50	Low Amino Acid Score of Breakfast is Associated with the Incidence of Cognitive Impairment in Older Japanese Adults: A Community-Based Longitudinal Study. <i>Journal of prevention of Alzheimer's disease</i> , 2022, 9, 1-7.	2.7	2
51	Effect of Short- and Medium-chain Fatty Acid Intake on Cognitive Score Decline over 8 Years among Community-dwelling Elderly. <i>Nihon Eiyō-Shokuryō-Gakkai Shi = Nippon Eiyō-Shokuryō-Gakkaishi = Journal of Japanese Society of Nutrition and Food Science</i> , 2015, 68, 101-111.	0.2	2
52	Twenty-year prospective cohort study of the association between gait speed and incident disability: The NLSA project. <i>Geriatrics and Gerontology International</i> , 2022, 22, 251-253.	1.5	2
53	Basic lifestyle habits and volume change in total gray matter among community dwelling middle-aged and older Japanese adults. <i>Preventive Medicine</i> , 2022, 161, 107149.	3.4	2
54	Hemoglobin A1c and 10-year information processing speed in Japanese community dwellers. <i>Environmental Health and Preventive Medicine</i> , 2019, 24, 24.	3.4	1

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55	Dietary diversity decreases the risk of cognitive decline among elderly Japanese. <i>Geriatrics and Gerontology International</i> , 2017, 17, 1038-1039.	1.5	0
56	Typology of Work-Family Balance Among Middle-Aged and Older Japanese Adults. <i>Frontiers in Psychology</i> , 2022, 13, 751879.	2.1	0