

## Center for Gerontology and Social Science

Forty-eight original papers were published between July and September 2022 as follows.

### Department of Preventive Gerontology

- 1) Makino K, Lee S, Bae S, Harada K, Chiba I, Katayama O, Tomida K, Morikawa M, Yamashiro Y, Sudo M, Takayanagi N, Shimada H.  
Light intensity physical activity is beneficially associated with brain volume in older adults with high cardiovascular risk.  
Frontiers in Cardiovascular Medicine, 9: 882562, Jul 13, 2022.
- 2) Katayama O, Lee S, Bae S, Makino K, Chiba I, Harada K, Morikawa M, Tomida K, Shimada H  
A simple algorithm to predict disability in community-dwelling older Japanese adults.  
Archives of Gerontology and Geriatrics, 103: 104778, 2022. 【Epub ahead of print】
- 3) Tomida K, Lee S, Bae S, Harada K, Katayama O, Makino K, Chiba I, Morikawa M, Shimada H.  
Association of Dual Sensory Impairment with Cognitive Decline in Older Adults.  
Dementia and Geriatric Cognitive Disorders: 1-9, 2022. 【Epub ahead of print】 .
- 4) Tomida K, Lee S, Bae S, Makino K, Chiba I, Harada K, Katayama O, Morikawa M, Shimada H.  
Association of dual sensory impairment with changes in life space: A longitudinal study with two-year follow-up.  
Maturitas, 165: 78-84, 2022. 【Epub ahead of print】 .
- 5) Shiratsuchi D, Makizako H, Nakai Y, Bae S, Lee S, Kim H, Matsuzaki-Kihara Y, Miyano I, Ota H, Shimada H.  
Associations of fall history and fear of falling with multidimensional cognitive function in independent community-dwelling older adults: findings from ORANGE study.  
Aging Clinical and Experimental Research, 2022. 【Epub ahead of print】 .
- 6) Doi T, Nakakubo S, Tsutsumimoto K, Kurita S, Kiuchi Y, Nishimoto K, Shimada H.  
The association of white matter hyperintensities with motoric cognitive risk syndrome.  
Cerebral Circulation - Cognition and Behavior, 3: 100150, 2022. 【Epub ahead of print】 .
- 7) Groeger JL, Ayers E, Barzilai N, Beauchet O, Callisaya M, Torossian MR, Derby C, Doi T, Lipton RB, Milman S, Nakakubo S, Shimada H, Srikanth V, Wang C, Verghese J.  
Inflammatory Biomarkers and Motoric Cognitive Risk Syndrome: Multicohort Survey.  
Cerebral Circulation - Cognition and Behavior: 100151, 2022. 【Epub ahead of print】 .
- 8) Nishimoto K, Doi T, Tsutsumimoto K, Nakakubo S, Kurita S, Kiuchi Y, Shimada H.  
Relationship between Diabetes Status and Sarcopenia in Community-Dwelling Older Adults.

### Department of Frailty Research

- 1) Inoue T, Shimizu A, Ueshima J, Murotani K, Nagano A, Ishida Y, Kinoshita K, Iizuka Y, Satake S, Matsui Y, Arai H, Maeda K.  
Diet-induced inflammation is associated with sarcopenia and muscle strength in older adults who visit a frailty clinic.  
Aging Clinical and Experimental Research. 【Epub ahead of print】
- 2) Kinoshita K, Satake S, Murotani K, Takemura M, Matsui Y, Arai H.  
Physical Frailty and Hemoglobin-to-Red Cell Distribution Width Ratio in Japanese Older Outpatients.  
Journal of Frailty & Aging. 【Epub ahead of print】
- 3) Watanabe R, Tsuji T, Ide K, Noguchi T, Yasuoka M, Kamiji K, Satake S, Kondo K, Kojima M.  
Predictive validity of the modified Kihon Checklist for the incidence of functional disability among older people: A 3-year cohort study from the JAGES.  
Geriatrics & Gerontology International , Aug 2022.
- 4) Li J, Yasuoka M, Kinoshita K, Maeda K, Takemura M, Matsui Y, Arai H, Satake S.  
Validity of the Questionnaire for Medical Checkup of Old-Old (QMCOO) in screening for physical frailty in Japanese older outpatients.  
Geriatrics & Gerontology International , Aug 2022. 【Epub ahead of print】
- 5) Sobue Y, Suzuki M, Ohashi Y, Koshima H, Okui N, Funahashi K, Ishikawa H, Inoue H, Kojima M, Asai S, Terabe K, Hattori K, Kishimoto K, Takahashi N, Imagama S, Kojima T.  
Association between locomotive syndrome and methotrexate discontinuation due to adverse events in rheumatoid arthritis patients: A retrospective observational study.  
Geriatrics & Gerontology International, Aug 30 2022. 【Epub ahead of print】
- 6) Ohashi Y, Takahashi N, Sobue Y, Suzuki M, Hattori K, Kishimoto K, Terabe K, Asai S, Kojima T, Kojima M, Imagama S.  
Factors Associated With Frailty in Rheumatoid Arthritis Patients With Decreased Renal Function.  
Mod Rheumatol, Apr 23 2022.
- 7) Yamamoto S, Tanaka A, Ohmagari N, Yamaguchi K, Ishitsuka K, Morisaki N, Kojima M, Nishikimi A, Tokuda H, Inoue M, Tanaka S, Umezawa J, Okubo R, Nishimura K, Konishi M, Miyo K, Mizoue T.  
Use of heated tobacco products, moderate alcohol drinking, and anti-SARS-CoV-2 IgG antibody titers after BNT162b2 vaccination among Japanese healthcare workers.  
Preventive Medicine, Aug 2022.

- 8) Katsuyama Y, Kondo K, Kojima M, Kamiji K, Ide K, Iizuka G, Muto G, Uehara T, Noda K, Ikusaka M.  
Mortality risk in older Japanese people based on self-reported dyslipidemia treatment and socioeconomic status: The JAGES cohort study.  
Preventive Medicine Reports, Mar 21 2022.

### Department of Social Science

- 1) Nakagawa T, Noguchi T, Komatsu A, Saito T.  
The role of social resources and trajectories of functional health following stroke.  
Social Science & Medicine, Aug 30 2022.
- 2) Ishizaki T, Masui Y, Nakagawa T, Yoshida Y, Ishioka L Y, Hori N, Inagaki H, Ito K, Ogawa M, Kabayama M, Kamide K, Ikebe K, Arai Y, Gondo Y.  
Construct Validity of a New Health Assessment Questionnaire for the National Screening Program of Older Adults in Japan: The SONIC Study.  
International Journal of Environmental Research and Public Health, Aug 19 2022.
- 3) Noguchi T, Shang E, Nakagawa T, Komatsu A, Murata C, Saito T.  
Establishment of the Japanese version of the dementia stigma assessment scale.  
Geriatrics & Gerontology International, Aug 4 2022.
- 4) Komatsu A, Nakagawa T, Noguchi T, Saito T.  
Factors associated with decision - making involvement in community - dwelling older care recipients.  
Geriatrics & Gerontology International, Aug 31 2022.
- 5) Kasuga A, Yasumoto S, Nakagawa T, Ishioka Y, Kikuchi A, Inagaki H, Ogawa M, Hori N, Masui Y, Choe H, Muto H, Kabayama M, Godai K, Ikebe K, Kamide K, Ishizaki T, Gondo Y.  
Older Adults' Resilience Against Impact of Lifestyle Changes During the COVID-19 Pandemic.  
Gerontology and Geriatric Medicine, Aug 2 2022.
- 6) Noguchi T, Suzuki S, Nishiyama T, Otani T, Nakagawa-Senda H, Watanabe M, Hosono A, Tamai Y, Yamada T.  
Association between work-related factors and happiness among working older adults: A crosssectional study.  
Annals of Geriatric Medicine and Research, Aug 24 2022.
- 7) Watanabe R, Tsuji T, Ide K, Noguchi T, Yasuoka M, Kamiji K, Satake S, Kondo K, Kojima M  
Predictive validity of the modified Kihon Checklist for the incidence of functional disability among older people: A 3 - year cohort study from the JAGES.  
Geriatrics & Gerontology International Jul 17 2022. (重複記載)

- 8) Tomiyama N, Noguchi T, Kubo Y, Hayashi T, Ochi A, Hayashi H.  
Association between decreased frequency of seeing friends and the onset of depressive symptoms among community-dwelling older adults: A longitudinal study.  
Mental Health & Prevention, Aug 1 2022.

### Department of Epidemiology of Aging

- 1) Abbas H, Aida J, Kondo K, Osaka K.  
Association among the number of teeth, dental prosthesis use, and subjective happiness: A cross-sectional study from the Japan Gerontological Evaluation study (JAGES).  
Journal of Prosthetic Dentistry, 2022 Apr 19;S0022-3913(22)00139-1. doi: 10.1016/j.prosdent.2022.02.014. 【Epub ahead of print】
- 2) Ueno T, Nakagomi A, Tsuji T, Kondo K.  
Association between social participation and hypertension control among older people with self-reported hypertension in Japanese communities.  
Hypertens Res. 2022 Aug;45(8):1263-1268. doi: 10.1038/s41440-022-00953-w. Epub 2022 Jun 15.
- 3) Watanabe R, Tsuji T, Ide K, Noguchi T, Yasuoka M, Kamiiji K, Satake S, Kondo K, Kojima M.  
Predictive validity of the modified Kihon Checklist for the incidence of functional disability among older people: A3-year cohort study from the JAGES.  
Geriatrics & Gerontology International,2022 Aug;22(8):667-674.doi:10.1111/ggi.14439.(重複記載)
- 4) Mori Y, Tsuji T, Watanabe R, Hanazato M, Miyazawa T, Kondo K.  
Built environments and frailty in older adults: A three-year longitudinal JAGES study.  
Archives of Gerontology and Geriatrics, 2022 Jul 8;103:104773. doi: 10.1016/j.archger.2022.104773. 【Epub ahead of print】
- 5) Koda M, Kondo K, Takahashi S, Ojima T, Shinozaki M, Ichikawa M, Harada N, Ishida Y.  
Spatial statistical analysis of regional disparities in suicide among policy units in Japan: Using the Bayesian hierarchical model.  
PLOS Global Public Health. 2022.doi:10.1371/journal.pgph.0000271 Aug 15 2022.
- 6) Takemura Y, Sato K, Kondo K, Kondo N.  
Characteristics associated with optimistic or pessimistic perception about the probability of contracting COVID-19: A cross-sectional study of Japanese older adults.  
SSM Popul Health. 2022 Sep; 19: 101186. Published online 2022 Aug 7. doi: 10.1016/j.ssmph.2022.101186.
- 7) Chen YR, Hanazato M, Koga C, Ide K, Kondo K.  
The association between street connectivity and depression among older Japanese adults: the

JAGES longitudinal study.

Sci Rep. 2022 Aug 8;12(1):13533. doi: 10.1038/s41598-022-17650-w.

- 8) Kusama T, Takeuchi K, Kiuchi S, Aida J, Kondo K, K Osaka.

Weight Loss Mediated the Relationship between Tooth Loss and Mortality Risk.

J Dent Res. 2022 Sep 6;220345221120642. doi: 10.1177/00220345221120642. 【Epub ahead of print】

### Department of Epidemiology of Aging

- 1) Kato T, Nishita Y, Otsuka R, Inui Y, Nakamura A, Kimura Y, Ito K, SEAD-J Study Group.

Effect of cognitive reserve on amnesic mild cognitive impairment due to Alzheimer's disease defined by fluorodeoxyglucose-positron emission tomography.

Front Aging Neurosci, Aug 10 2022.

- 2) Tokuda H, Horikawa C, Nishita Y, Nakamura A, Kato T, Kaneda Y, Obata H, Rogi T, Nakai M, Shimokata H, Otsuka R.

The association between long-chain polyunsaturated fatty acid intake and changes in brain volumes among older community-dwelling Japanese people.

Neurobiol Aging, Sep 2022.

- 3) Zhang S, Otsuka R.

Comments on "Predictive ability of the total score of the Kihon checklist for the incidence of functional disability in older Japanese adults: An 8-year prospective study".

Geriatr Gerontol Int, Sep 2022.

- 4) Ogawa T, Uchida Y, Sugiura S, Otsuka R, Nishita Y, Fujimoto Y, Ueda H, Ando F, Shimokata H.

The association of food intake on the development of hearing impairment after middle age among Japanese community dwellers.

Auris Nasus Larynx. 【Epub ahead of print】