

# Hyuntae Park

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

5,125  
citations

71102

41  
h-index

98798

67  
g-index

120  
all docs

120  
docs citations

120  
times ranked

7032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Prevalence of Frailty and Mild Cognitive Impairment in a Population of Elderly Japanese People. <i>Journal of the American Medical Directors Association</i> , 2013, 14, 518-524.	2.5	357
2	Effectiveness of animal-assisted therapy: A systematic review of randomized controlled trials. <i>Complementary Therapies in Medicine</i> , 2014, 22, 371-390.	2.7	206
3	Effects of multicomponent exercise on cognitive function in older adults with amnesic mild cognitive impairment: a randomized controlled trial. <i>BMC Neurology</i> , 2012, 12, 128.	1.8	176
4	Evaluation of multidimensional neurocognitive function using a tablet personal computer: Test-retest reliability and validity in community-dwelling older adults. <i>Geriatrics and Gerontology International</i> , 2013, 13, 860-866.	1.5	161
5	Meteorology and the physical activity of the elderly: the Nakanojo Study. <i>International Journal of Biometeorology</i> , 2005, 50, 83-89.	3.0	142
6	Brain activation during dual-task walking and executive function among older adults with mild cognitive impairment: a fNIRS study. <i>Aging Clinical and Experimental Research</i> , 2013, 25, 539-544.	2.9	135
7	A Large, Cross-Sectional Observational Study of Serum BDNF, Cognitive Function, and Mild Cognitive Impairment in the Elderly. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 69.	3.4	134
8	Yearlong physical activity and sarcopenia in older adults: the Nakanojo Study. <i>European Journal of Applied Physiology</i> , 2010, 109, 953-961.	2.5	126
9	Using two different algorithms to determine the prevalence of sarcopenia. <i>Geriatrics and Gerontology International</i> , 2014, 14, 46-51.	1.5	118
10	Depressive symptoms and cognitive performance in older adults. <i>Journal of Psychiatric Research</i> , 2014, 57, 149-156.	3.1	118
11	Habitual Physical Activity and Physical Fitness in Older Japanese Adults: The Nakanojo Study. <i>Gerontology</i> , 2009, 55, 523-531.	2.8	109
12	The Effect of Combined Aerobic and Resistance Exercise Training on Abdominal Fat in Obese Middle-aged Women. <i>Journal of Physiological Anthropology and Applied Human Science</i> , 2003, 22, 129-135.	0.4	107
13	Sex, Age, Season, and Habitual Physical Activity of Older Japanese: The Nakanojo Study. <i>Journal of Aging and Physical Activity</i> , 2008, 16, 3-13.	1.0	106
14	The Effect of a Virtual Reality-Based Intervention Program on Cognition in Older Adults with Mild Cognitive Impairment: A Randomized Control Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1283.	2.4	102
15	Effectiveness of music therapy: a summary of systematic reviews based on randomized controlled trials of music interventions. <i>Patient Preference and Adherence</i> , 2014, 8, 727.	1.8	98
16	Moderate-Intensity Physical Activity, Hippocampal Volume, and Memory in Older Adults With Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 480-486.	3.6	94
17	Effects of Combined Physical and Cognitive Exercises on Cognition and Mobility in Patients With Mild Cognitive Impairment: A Randomized Clinical Trial. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 584-591.	2.5	92
18	Age-dependent changes in physical performance and body composition in community-dwelling Japanese older adults. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 607-614.	7.3	87

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19	Effectiveness of horticultural therapy: A systematic review of randomized controlled trials. <i>Complementary Therapies in Medicine</i> , 2014, 22, 930-943.	2.7	84
20	Physical Frailty Predicts Incident Depressive Symptoms in Elderly People: Prospective Findings From the Obu Study of Health Promotion for the Elderly. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 194-199.	2.5	84
21	Driving continuity in cognitively impaired older drivers. <i>Geriatrics and Gerontology International</i> , 2016, 16, 508-514.	1.5	78
22	Objectively Measured Physical Activity and Progressive Loss of Lean Tissue in Older Japanese Adults: Longitudinal Data from the Nakanojo Study. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 1887-1893.	2.6	74
23	Yearlong Physical Activity and Health-Related Quality of Life in Older Japanese Adults: The Nakanojo Study. <i>Journal of Aging and Physical Activity</i> , 2006, 14, 288-301.	1.0	70
24	How Many Days of Pedometer Use Predict the Annual Activity of the Elderly Reliably?. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1058-1064.	0.4	69
25	Yearlong Physical Activity and Depressive Symptoms in Older Japanese Adults: Cross-Sectional Data from the Nakanojo Study. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 621-624.	1.2	68
26	Effect of combined exercise training on bone, body balance, and gait ability: a randomized controlled study in community-dwelling elderly women. <i>Journal of Bone and Mineral Metabolism</i> , 2008, 26, 254-259.	2.7	68
27	Combined Intervention of Physical Activity, Aerobic Exercise, and Cognitive Exercise Intervention to Prevent Cognitive Decline for Patients with Mild Cognitive Impairment: A Randomized Controlled Clinical Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 940.	2.4	68
28	Development and Evaluation of the Physical Activity Questionnaire for Elderly Japanese: The Nakanojo Study. <i>Journal of Aging and Physical Activity</i> , 2007, 15, 398-411.	1.0	66
29	Yearlong physical activity and regional stiffness of arteries in older adults: the Nakanojo Study. <i>European Journal of Applied Physiology</i> , 2010, 109, 455-464.	2.5	66
30	Performance-based assessments and demand for personal care in older Japanese people: a cross-sectional study. <i>BMJ Open</i> , 2013, 3, e002424.	1.9	66
31	Cognitive function and falling among older adults with mild cognitive impairment and slow gait. <i>Geriatrics and Gerontology International</i> , 2015, 15, 1073-1078.	1.5	60
32	Whole-exome sequencing reveals the spectrum of gene mutations and the clonal evolution patterns in paediatric acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2016, 175, 476-489.	2.5	60
33	Year-Long Physical Activity and Metabolic Syndrome in Older Japanese Adults: Cross-Sectional Data From the Nakanojo Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 1119-1123.	3.6	57
34	A 12-week after-school physical activity programme improves endothelial cell function in overweight and obese children: a randomised controlled study. <i>BMC Pediatrics</i> , 2012, 12, 111.	1.7	56
35	Development of an equation for estimating appendicular skeletal muscle mass in Japanese older adults using bioelectrical impedance analysis. <i>Geriatrics and Gerontology International</i> , 2014, 14, 851-857.	1.5	55
36	Genetic risk for metabolic syndrome: examination of candidate gene polymorphisms related to lipid metabolism in Japanese people. <i>Journal of Medical Genetics</i> , 2007, 45, 22-28.	3.2	52

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37	Relationship of bone health to yearlong physical activity in older Japanese adults: cross-sectional data from the Nakanojo Study. <i>Osteoporosis International</i> , 2007, 18, 285-293.	3.1	52
38	Starting Construction of Frailty Cohort for Elderly and Intervention Study. <i>Annals of Geriatric Medicine and Research</i> , 2016, 20, 114-117.	1.8	49
39	Genetic Factors for Ischemic and Hemorrhagic Stroke in Japanese Individuals. <i>Stroke</i> , 2008, 39, 2211-2218.	2.0	48
40	Habitual physical activity and health-related quality of life in older adults: interactions between the amount and intensity of activity (the Nakanojo Study). <i>Quality of Life Research</i> , 2010, 19, 333-338.	3.1	45
41	Prediction of genetic risk for dyslipidemia. <i>Genomics</i> , 2007, 90, 551-558.	2.9	44
42	Feasibility and Tolerability of a Culture-Based Virtual Reality (VR) Training Program in Patients with Mild Cognitive Impairment: A Randomized Controlled Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3030.	2.6	44
43	Effect of intradialytic exercise on daily physical activity and sleep quality in maintenance hemodialysis patients. <i>International Urology and Nephrology</i> , 2018, 50, 745-754.	1.4	43
44	Poor balance and lower gray matter volume predict falls in older adults with mild cognitive impairment. <i>BMC Neurology</i> , 2013, 13, 102.	1.8	41
45	Objectively measured physical activity, brain atrophy, and white matter lesions in older adults with mild cognitive impairment. <i>Experimental Gerontology</i> , 2015, 62, 1-6.	2.8	39
46	Effects of mild and global cognitive impairment on the prevalence of fear of falling in community-dwelling older adults. <i>Maturitas</i> , 2014, 78, 62-66.	2.4	37
47	Clinical and Biomarker Characteristics According to Clinical Spectrum of Alzheimer's Disease (AD) in the Validation Cohort of Korean Brain Aging Study for the Early Diagnosis and Prediction of AD. <i>Journal of Clinical Medicine</i> , 2019, 8, 341.	2.4	35
48	Habitual intake of fermented milk products containing <i>Lactobacillus casei</i> strain Shirota and a reduced risk of hypertension in older people. <i>Beneficial Microbes</i> , 2017, 8, 23-29.	2.4	34
49	Six-Minute Walking Distance Correlated with Memory and Brain Volume in Older Adults with Mild Cognitive Impairment: A Voxel-Based Morphometry Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2013, 3, 223-232.	1.3	33
50	Relationship between chronic kidney disease with diabetes or hypertension and frailty in community-dwelling Japanese older adults. <i>Geriatrics and Gerontology International</i> , 2017, 17, 1527-1533.	1.5	33
51	Memory performance on the story recall test and prediction of cognitive dysfunction progression in mild cognitive impairment and Alzheimer's dementia. <i>Geriatrics and Gerontology International</i> , 2017, 17, 1603-1609.	1.5	32
52	Validity of the National Center for Geriatrics and Gerontology's Functional Assessment Tool and Mini-Mental State Examination for detecting the incidence of dementia in older Japanese adults. <i>Geriatrics and Gerontology International</i> , 2017, 17, 2383-2388.	1.5	32
53	Reduced prefrontal oxygenation in mild cognitive impairment during memory retrieval. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 583-591.	2.7	31
54	The Association Between Kidney Function and Cognitive Decline in Community-Dwelling, Elderly Japanese People. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 349.e1-349.e5.	2.5	30

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55	Decreased Blood Glucose and Lactate: Is a Useful Indicator of Recovery Ability in Athletes?. International Journal of Environmental Research and Public Health, 2020, 17, 5470.	2.6	30
56	Antibacterial Novel Phenolic Diterpenes from Podocarpus macrophyllus D. DON. Chemical and Pharmaceutical Bulletin, 2008, 56, 1691-1697.	1.3	29
57	Effects of intermittent exercise on biomarkers of cardiovascular risk in night shift workers. Atherosclerosis, 2015, 242, 186-190.	0.8	28
58	Genetic risk for myocardial infarction determined by polymorphisms of candidate genes in a Japanese population. Journal of Medical Genetics, 2007, 45, 216-221.	3.2	27
59	Objective Longitudinal Measures of Physical Activity and Bone Health in Older Japanese: the Nakanojo Study. Journal of the American Geriatrics Society, 2017, 65, 800-807.	2.6	26
60	Association of a polymorphism of ABCB1 with obesity in Japanese individuals. Genomics, 2008, 91, 512-516.	2.9	25
61	Stressful life events and habitual physical activity in older adults: 1-year accelerometer data from the Nakanojo Study. Mental Health and Physical Activity, 2010, 3, 23-25.	1.8	22
62	Relationship between going outdoors daily and activation of the prefrontal cortex during verbal fluency tasks (VFTs) among older adults: A near-infrared spectroscopy study. Archives of Gerontology and Geriatrics, 2013, 56, 118-123.	3.0	22
63	Depressive symptoms in older adults are associated with decreased cerebral oxygenation of the prefrontal cortex during a trail-making test. Archives of Gerontology and Geriatrics, 2014, 59, 422-428.	3.0	22
64	Going outdoors and cognitive function among community-dwelling older adults: Moderating role of physical function. Geriatrics and Gerontology International, 2016, 16, 65-73.	1.5	21
65	Clinical factors as predictors of the risk of falls and subsequent bone fractures due to osteoporosis in postmenopausal women. Journal of Bone and Mineral Metabolism, 2006, 24, 419-424.	2.7	20
66	Interactive effects of milk basic protein supplements and habitual physical activity on bone health in older women: A 1-year randomized controlled trial. International Dairy Journal, 2010, 20, 724-730.	3.0	20
67	Effects of 6 months of aerobic and resistance exercise training on carotid artery intima media thickness in overweight and obese older women. Geriatrics and Gerontology International, 2017, 17, 2304-2310.	1.5	20
68	The Relationship between Chronotype, Physical Activity and the Estimated Risk of Dementia in Community-Dwelling Older Adults. International Journal of Environmental Research and Public Health, 2020, 17, 3701.	2.6	20
69	Association of genetic variants with atherothrombotic cerebral infarction in Japanese individuals with metabolic syndrome. International Journal of Molecular Medicine, 0, , .	4.0	18
70	The role of social frailty in explaining the association between hearing problems and mild cognitive impairment in older adults. Archives of Gerontology and Geriatrics, 2018, 78, 45-50.	3.0	18
71	Effect of Squat Exercises on Lung Function in Elderly Women with Sarcopenia. Journal of Clinical Medicine, 2018, 7, 167.	2.4	18
72	Association between body composition parameters and risk of mild cognitive impairment in older Japanese adults. Geriatrics and Gerontology International, 2017, 17, 2053-2059.	1.5	17

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73	Joint Association of Neighborhood Environment and Fear of Falling on Physical Activity Among Frail Older Adults. <i>Journal of Aging and Physical Activity</i> , 2017, 25, 140-148.	1.0	17
74	Effect of Schisandra chinensis Extract Supplementation on Quadriceps Muscle Strength and Fatigue in Adult Women: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2475.	2.6	17
75	COMMUNITY-BASED INTERVENTION FOR PREVENTION OF DEMENTIA IN JAPAN. <i>Journal of prevention of Alzheimer's disease, The</i> , 2015, 2, 1-6.	2.7	17
76	Cognitive Activities and Instrumental Activity of Daily Living in Older Adults with Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2013, 3, 398-406.	1.3	16
77	Effects of a 12-week healthy-life exercise program on oxidized low-density lipoprotein cholesterol and carotid intima-media thickness in obese elderly women. <i>Journal of Physical Therapy Science</i> , 2015, 27, 1435-1439.	0.6	15
78	Multi-Component Intervention Program on Habitual Physical Activity Parameters and Cognitive Function in Patients with Mild Cognitive Impairment: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6240.	2.6	15
79	The Effect of a Multicomponent Dual-Task Exercise on Cortical Thickness in Older Adults with Cognitive Decline: A Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1312.	2.4	14
80	Effects of Regular Taekwondo Intervention on Health-Related Physical Fitness, Cardiovascular Disease Risk Factors and Epicardial Adipose Tissue in Elderly Women with Hypertension. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2935.	2.6	13
81	The Relationships Between Components of Metabolic Syndrome and Mild Cognitive Impairment Subtypes: A Cross-Sectional Study of Japanese Older Adults. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 913-921.	2.6	12
82	Engagement in Lifestyle Activities is Associated with Increased Alzheimer's Disease-Associated Cortical Thickness and Cognitive Performance in Older Adults. <i>Journal of Clinical Medicine</i> , 2020, 9, 1424.	2.4	12
83	Association of polymorphisms of ABCA1 and ROS1 with hypertension in Japanese individuals. <i>International Journal of Molecular Medicine</i> , 0, , .	4.0	11
84	Effects of enteric-coated lactoferrin supplementation on the immune function of elderly individuals: A randomised, double-blind, placebo-controlled trial. <i>International Dairy Journal</i> , 2015, 47, 79-85.	3.0	11
85	Muscle strength and carotid artery flow velocity is associated with increased risk of atherosclerosis in adults. <i>Cardiology Journal</i> , 2017, 24, 385-392.	1.2	11
86	Effects of Multicomponent Exercise on Cognitive Function in Elderly Korean Individuals. <i>Journal of</i>		

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91	An Association between Lower Extremity Function and Cognitive Frailty: A Sample Population from the KFACS Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1007.	2.6	10
92	The combined status of physical performance and depressive symptoms is strongly associated with a history of falling in community-dwelling elderly: Cross-sectional findings from the Obu Study of Health Promotion for the Elderly (OSHPE). <i>Archives of Gerontology and Geriatrics</i> , 2014, 58, 327-331.	3.0	9
93	Association between objectively measured sleep duration and physical function in community-dwelling older adults. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 515-520.	2.6	8
94	Development of Guidelines on the Primary Prevention of Frailty in Community-Dwelling Older Adults. <i>Annals of Geriatric Medicine and Research</i> , 2021, 25, 237-244.	1.8	8
95	Self-reported exhaustion associated with physical activity among older adults. <i>Geriatrics and Gerontology International</i> , 2016, 16, 625-630.	1.5	7
96	Association between sedentary time and kidney function in community-dwelling elderly Japanese people. <i>Geriatrics and Gerontology International</i> , 2017, 17, 730-736.	1.5	7
97	A Practical Guide to Analyzing Time-Varying Associations between Physical Activity and Affect Using Multilevel Modeling. <i>Computational and Mathematical Methods in Medicine</i> , 2018, 2018, 1-11.	1.3	7
98	Association Between Carotid Artery Intima-Media Thickness and Combinations of Mild Cognitive Impairment and Pre-Frailty in Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2978.	2.6	7
99	Combination effect of nanoparticles on the acute pulmonary inflammogenic potential: additive effect and antagonistic effect. <i>Nanotoxicology</i> , 2021, 15, 276-288.	3.0	7
100	The relationship between distribution of body fat mass and carotid artery intima-media thickness in Korean older adults. <i>Journal of Physical Therapy Science</i> , 2015, 27, 3141-3146.	0.6	6
101	Effects of a healthy life exercise program on arteriosclerosis adhesion molecules in elderly obese women. <i>Journal of Physical Therapy Science</i> , 2015, 27, 1529-1532.	0.6	6
102	Combined effect of self-reported hearing problems and level of social activities on the risk of disability in Japanese older adults: A population-based longitudinal study. <i>Maturitas</i> , 2018, 115, 51-55.	2.4	6
103	Carrying Position-Independent Ensemble Machine Learning Step-Counting Algorithm for Smartphones. <i>Sensors</i> , 2022, 22, 3736.	3.8	5
104	Age-related changes in prefrontal oxygenation during memory encoding and retrieval. <i>Geriatrics and Gerontology International</i> , 2016, 16, 1296-1304.	1.5	4
105	Pattern of cerebral hypoperfusion according to the clinical staging in dementia with Lewy bodies. <i>Neurocase</i> , 2018, 24, 83-89.	0.6	4
106	The Effect of Multi-tasking Exercise Intervention on Cognitive Function in Elderly and Cognitive Impairment Patients: a Pilot Multicenter Study. <i>Dementia and Neurocognitive Disorders</i> , 2019, 18, 122.	1.4	3
107	Correlation of Pre-Hypertension with Carotid Artery Damage in Middle-Aged and Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7686.	2.6	3
108	Effectiveness of rehabilitation based on recreational activities: A systematic review. <i>World Journal of Meta-analysis</i> , 2013, 1, 27.	0.1	3

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109	Gait Speed and Sleep Duration Is Associated with Increased Risk of MCI in Older Community-Dwelling Adults. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7625.	2.6	3
110	Energy Demands during Maximal Sprint Cycling in Youth Cyclists. <i>Exercise Science</i> , 2019, 28, 60-65.	0.3	2
111	The Effect of a IoT-Based Exercise Program Using on Cognitive Function and Physical Function in the Mild Cognitive Impairment. <i>Korean Journal of Sports Science</i> , 2019, 28, 1343-1351.	0.1	2
112	EFFECTS OF COMBLNED EXERCLSE ON $\beta$ -AMYLOLD AND DHEAs IN ELDERLY WOMEN. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2007, 56, 149-156.	0.0	1
113	RESEARCH ON THE POSTURE CONTROL IN REACHES A STATIC STATE FROM THE DYNAMIC STATE DURING THE MAXIMAL STEP LENGTH (MSL) ; YOUNG VERSUS OLDER ADULTS. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2008, 57, 423-432.	0.0	1
114	P4-016: The Influences of Less Active and Sedentary Behavior on Cognitive and Neural Efficiency in Older Adults. , 2016, 12, P1020-P1021.		0
115	Computational Tools and Techniques for Early Diagnosis and Screening of Geriatric Diseases. <i>Computational and Mathematical Methods in Medicine</i> , 2018, 2018, 1-2.	1.3	0
116	Exercise intervention and promoting physical activity to prevent and delay onset of dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e044306.	0.8	0
117	The Role of Exercise Science in Hypokinetic Society. <i>Exercise Science</i> , 2021, 30, 273-277.	0.3	0
118	Gero-Exercise Science: A Remedy for Rapid Aging. <i>Exercise Science</i> , 2019, 28, 311-316.	0.3	0