Handgrip Strength and Cause-Specific and Total Mortal
Exploring the Mechanism

Journal of the American Geriatrics Society

51, 636-641

DOI: 10.1034/j.1600-0579.2003.00207.x

Citation Report

#	Article	IF	Citations
1	Anaerobic Glycolysis in Normal Human Erythrocytes Incubated in Vitro with Sodium Salicylate. Clinical Science and Molecular Medicine, 1975, 49, 375-384.	0.8	2
3	Respiratory muscle strength and the risk of incident cardiovascular events. Thorax, 2004, 59, 1063-1067.	2.7	83
4	Body Mass Index, Body Cell Mass, and 4-Year All-Cause Mortality Risk in Older Nursing Home Residents. Journal of the American Geriatrics Society, 2004, 52, 886-891.	1.3	59
5	Of Worms and Women: Sarcopenia and its Role in Disability and Mortality. Journal of the American Geriatrics Society, 2004, 52, 1185-1190.	1.3	87
6	Bathing Disability in Community-Living Older Persons: Common, Consequential, and Complex. Journal of the American Geriatrics Society, 2004, 52, 1805-1810.	1.3	76
7	Incidence of Loss of Ability to Walk 400 Meters in a Functionally Limited Older Population. Journal of the American Geriatrics Society, 2004, 52, 2094-2098.	1.3	75
8	Oral health status and change in handgrip strength over a 5-year period in 80-year-old people. Gerodontology, 2004, 21, 155-160.	0.8	67
9	Evaluation of handgrip strength as a nutritional marker and prognostic indicator in peritoneal dialysis patients. American Journal of Clinical Nutrition, 2005, 81, 79-86.	2.2	172
10	Survival of the Strongest. Strength and Conditioning Journal, 2005, 27, 80-85.	0.7	19
11	Physiological functions should be considered as true end points of nutritional intervention studies. Proceedings of the Nutrition Society, 2005, 64, 285-296.	0.4	14
12	Underutilization of Environmental Adaptations for Bathing in Community-Living Older Persons. Journal of the American Geriatrics Society, 2005, 53, 1497-1503.	1.3	38
13	Relationships between structural and functional measures of nutritional status in a normally nourished population. Clinical Nutrition, 2005, 24, 421-426.	2.3	32
14	Nutritional inadequacy in adults with muscular dystrophy. Muscle and Nerve, 2005, 31, 713-718.	1.0	29
15	Parallels Between Aging and Schizophrenia. Psychiatry (New York), 2005, 68, 1-8.	0.3	4
16	Disentangling the Genetic Determinants of Human Aging: Biological Age as an Alternative to the Use of Survival Measures. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 574-587.	1.7	122
18	Insulin Resistance and Muscle Strength in Older Persons. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2005, 60, 1278-1282.	1.7	98
19	Clinical and Biochemical Evaluation Changes Over Aging. , 2005, 124, 135-162.		0
20	Reference Values for 6-Minute Walk Test and Hand-Grip Strength in Healthy Hong Kong Chinese Adults. Hong Kong Physiotherapy Journal, 2005, 23, 6-12.	0.3	34

#	Article	IF	Citations
21	Longitudinal changes in physical functional performance among the oldest old: insight from a study of Swedish twins. Aging Clinical and Experimental Research, 2006, 18, 517-530.	1.4	30
22	Reduced Aerobic Capacity and Physical Functioning in Older HIV-Infected Men. AIDS Research and Human Retroviruses, 2006, 22, 1113-1121.	0.5	92
23	Lymphoma in Elderly Patients: Novel Functional Assessment Techniques Provide Better Discrimination Among Patients than Traditional Performance Status Measures. Clinical Lymphoma and Myeloma, 2006, 7, 65-69.	1.4	24
24	Magnesium and muscle performance in older persons: the InCHIANTI study. American Journal of Clinical Nutrition, 2006, 84, 419-426.	2.2	108
25	Magnesium and muscle performance in older persons: the InCHIANTI study1â€“3. American Journal of Clinical Nutrition, 2006, 84, 419-426.	2.2	111
26	Frailty syndrome and skeletal muscle: results from the Invecchiare in Chianti study. American Journal of Clinical Nutrition, 2006, 83, 1142-1148.	2.2	298
27	Physical activity compensates for increased mortality risk among older people with poor muscle strength. Scandinavian Journal of Medicine and Science in Sports, 2007, 17, 473-479.	1.3	14
28	Physical Performance Measures as Predictors of Mortality in a Cohort of Community-dwelling Older French Women. European Journal of Epidemiology, 2006, 21, 113-122.	2.5	189
29	Long-term side effects of androgen deprivation therapy in men with non-metastatic prostate cancer: A systematic literature review. Critical Reviews in Oncology/Hematology, 2006, 60, 201-215.	2.0	158
30	Handgrip Strength Among Nonagenarians and Centenarians in Three European Regions. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 707-712.	1.7	86
31	Developmental Origins of Midlife Grip Strength: Findings From a Birth Cohort Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 702-706.	1.7	128
32	Strength, But Not Muscle Mass, Is Associated With Mortality in the Health, Aging and Body Composition Study Cohort. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 72-77.	1.7	1,299
33	The Loss of Skeletal Muscle Strength, Mass, and Quality in Older Adults: The Health, Aging and Body Composition Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 1059-1064.	1.7	2,216
34	Aging, sarcopenia and the life-course. Reviews in Clinical Gerontology, 2006, 16, 265-274.	0.5	9
36	Sarcopenic obesity and inflammation in the InCHIANTI study. Journal of Applied Physiology, 2007, 102, 919-925.	1.2	471
37	Genetic and environmental influences on skeletal muscle phenotypes as a function of age and sex in large, multigenerational families of African heritage. Journal of Applied Physiology, 2007, 103, 1121-1127.	1.2	25
38	Patterns and Correlates of Muscle Strength Loss in Older Women. Gerontology, 2007, 53, 140-147.	1.4	65
39	Oxidative protein damage is associated with poor grip strength among older women living in the community. Journal of Applied Physiology, 2007, 103, 17-20.	1.2	174

#	Article	IF	Citations
40	The Effects of Short-Term Exercise Intervention on Falls Self-Efficacy and the Relationship between Changes in Physical Function and Falls Self-Efficacy in Japanese Older People. American Journal of Physical Medicine and Rehabilitation, 2007, 86, 133-141.	0.7	41
41	Handgrip Strength in Cardiac Rehabilitation. Journal of Cardiopulmonary Rehabilitation and Prevention, 2007, 27, 298-302.	1.2	36
42	Muscle Strength in Relation to Disease Severity in Patients with Congestive Heart Failure. American Journal of Physical Medicine and Rehabilitation, 2007, 86, 893-900.	0.7	42
43	A Life Course Approach to Healthy Aging, Frailty, and Capability. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 717-721.	1.7	181
44	Carotenoids as protection against sarcopenia in older adults. Archives of Biochemistry and Biophysics, 2007, 458, 141-145.	1.4	127
45	Grip Strength Predicts Cause-Specific Mortality in Middle-Aged and Elderly Persons. American Journal of Medicine, 2007, 120, 337-342.	0.6	409
46	Diagnostic Testing in the Elderly: Imaging Is Great, But It's Not the Whole Story. The American Journal of Geriatric Cardiology, 2007, 16, 340-342.	0.7	3
47	Grip strength, body composition, and mortality. International Journal of Epidemiology, 2007, 36, 228-235.	0.9	583
48	Prevention and Treatment of Frailty in the Postmenopausal Woman. Physical Medicine and Rehabilitation Clinics of North America, 2007, 18, 609-621.	0.7	12
49	Poor Sleep is Associated with Poorer Physical Performance and Greater Functional Limitations in Older Women. Sleep, 2007, 30, 1317-1324.	0.6	218
50	RISE AND FALL OF SKELETAL MUSCLE SIZE OVER THE ENTIRE LIFE SPAN. Journal of the American Geriatrics Society, 2007, 55, 1150-1152.	1.3	46
51	Size at birth and its relation to muscle strength in young adult women. Journal of Internal Medicine, 2007, 262, 368-374.	2.7	65
52	Change in Motor Function and Risk of Mortality in Older Persons. Journal of the American Geriatrics Society, 2007, 55, 11-19.	1.3	74
53	FACTORS PREDICTING 2-YEAR COGNITIVE DECLINE IN NONAGENARIANS WITHOUT COGNITIVE IMPAIRMENT AT BASELINE: THE NONASANTFELIU STUDY. Journal of the American Geriatrics Society, 2007, 55, 1152-1154.	1.3	8
54	Application of adenosine 5'-triphosphate (ATP) infusions in palliative home care: design of a randomized clinical trial. BMC Public Health, 2007, 7, 4.	1.2	9
55	High innate production capacity of tumor necrosis factor-Î± and decline of handgrip strength in old age. Mechanisms of Ageing and Development, 2007, 128, 517-521.	2.2	21
56	SGA and measures for muscle mass and strength in surgical Vietnamese patients. Nutrition, 2007, 23, 283-291.	1.1	24
57	Low serum selenium concentrations are associated with poor grip strength among older women living in the community. BioFactors, 2007, 29, 37-44.	2.6	52

#	Article	IF	Citations
58	Sarcopenia: Its assessment, etiology, pathogenesis, consequences and future perspectives. Journal of Nutrition, Health and Aging, 2008, 12, 433-450.	1.5	802
59	Physical function and self-rated health status as predictors of mortality: results from longitudinal analysis in the ilSIRENTE study. BMC Geriatrics, 2008, 8, 34.	1.1	196
60	Muscle ultrasound in neuromuscular disorders. Muscle and Nerve, 2008, 37, 679-693.	1.0	345
61	The effect of menarcheal age on anthropometric, limb length, and bone measures in Hutterite and nonâ€Hutterite women. American Journal of Human Biology, 2008, 20, 693-699.	0.8	2
62	Genetics of the Musculoskeletal System: A Pleiotropic Approach. Journal of Bone and Mineral Research, 2008, 23, 788-802.	3.1	96
63	Relevance of Race and Ethnicity for Selfâ€Reported Functional Limitation. Journal of the American Geriatrics Society, 2008, 56, 553-557.	1.3	12
64	The Utility of the 6â€Minute Walk Test as a Measure of Frailty in Older Adults with Heart Failure. The American Journal of Geriatric Cardiology, 2008, 17, 7-12.	0.7	57
65	Mini nutritional assessment is a good predictor of functional status in institutionalised elderly at risk of malnutrition. Clinical Nutrition, 2008, 27, 700-705.	2.3	87
66	A rational approach to nutritional assessment. Clinical Nutrition, 2008, 27, 706-716.	2.3	221
67	Higher circulating levels of uric acid are prospectively associated with better muscle function in older persons. Mechanisms of Ageing and Development, 2008, 129, 522-527.	2.2	53
68	Pulmonary function, muscle strength and mortality in old age. Mechanisms of Ageing and Development, 2008, 129, 625-631.	2.2	96
69	The Feasibility of Measuring Joint Angular Velocity With a Gyro-Sensor. Archives of Physical Medicine and Rehabilitation, 2008, 89, 95-99.	0.5	15
70	Performance-Based Functional Assessment in Older Hospitalized Patients: Feasibility and Clinical Correlates. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 1393-1398.	1.7	129
71	Association between muscular strength and mortality in men: prospective cohort study. BMJ: British Medical Journal, 2008, 337, a439-a439.	2.4	611
72	Relationship between customary physical activity, muscle strength and physical performance in older men and women: findings from the Hertfordshire Cohort Study. Age and Ageing, 2008, 37, 589-593.	0.7	34
73	Hand-Grip Dynamometry Predicts Future Outcomes in Aging Adults. Journal of Geriatric Physical Therapy, 2008, 31, 3-10.	0.6	650
74	Initial Manifestations of Frailty Criteria and the Development of Frailty Phenotype in the Women's Health and Aging Study II. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 984-990.	1.7	389
75	Sarcopenic obesity: definition, cause and consequences. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 693-700.	1.3	879

#	Article	IF	Citations
76	Leg Extension Power Deficit and Mobility Limitation in Women Recovering from Hip Fracture. American Journal of Physical Medicine and Rehabilitation, 2008, 87, 363-370.	0.7	34
77	A forÃ§a de preensÃ£o manual Ã© boa preditora do desempenho funcional de idosos frÃ¡geis: um estudo correlacional mÃºltiplo. Revista Brasileira De Medicina Do Esporte, 2008, 14, 12-16.	0.1	47
78	ComparaÃ§Ã£o entre idosos que sofreram quedas segundo desempenho fÃsico e nÃºmero de ocorrÃªncias. Brazilian Journal of Physical Therapy, 2009, 13, 430-437.	1.1	12
79	ForÃ§a muscular de idosos com e sem depressÃ£o participantes de um programa de ginÃ¡stica. Acta Ortopedica Brasileira, 2009, 17, 322-325.	0.2	3
80	The Relationship between Age and Change in Physical Functions after Exercise Intervention. Trainability of Japanese Community-Dwelling Older Elderly. Journal of the Japanese Physical Therapy Association, 2009, 12, 1-8.	0.1	4
81	Factors Associated with Preclinical Disability and Frailty among HIV-Infected and HIV-Uninfected Women in the Era of cART. Journal of Women's Health, 2009, 18, 1965-1974.	1.5	110
82	Handgrip strength as a predictor of prognosis in Japanese patients with congestive heart failure. European Journal of Cardiovascular Prevention and Rehabilitation, 2009, 16, 21-27.	3.1	91
83	Association of body size and muscle strength with incidence of coronary heart disease and cerebrovascular diseases: a population-based cohort study of one million Swedish men. International Journal of Epidemiology, 2009, 38, 110-118.	0.9	178
84	Elevated Serum Advanced Glycation End Products and Poor Grip Strength in Older Community-Dwelling Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 132-137.	1.7	105
85	Health enhancing strength training in nonagenarians (STRONG): rationale, design and methods. BMC Public Health, 2009, 9, 152.	1.2	14
86	Cross-national differences in grip strength among 50+ year-old Europeans: results from the SHARE study. European Journal of Ageing, 2009, 6, 227-236.	1.2	113
87	Is there an association between serum 25-hydroxyvitamin D concentration and muscle strength among older women? Results from baseline assessment of the EPIDOS study. Journal of Nutrition, Health and Aging, 2009, 13, 90-95.	1.5	78
88	Vitamin D-related changes in physical performance: A systematic review. Journal of Nutrition, Health and Aging, 2009, 13, 893-898.	1.5	191
89	Normative data on hand grip strength in a Greek adult population. International Orthopaedics, 2009, 33, 713-717.	0.9	73
90	The relationship between physical condition and change in balance functions on exercise intervention and 12-month follow-up in Japanese community-dwelling older people. Archives of Gerontology and Geriatrics, 2009, 48, 61-66.	1.4	10
91	Correlation between manual muscle strength and interleukin-6 (IL-6) plasma levels in elderly community-dwelling women. Archives of Gerontology and Geriatrics, 2009, 48, 313-316.	1.4	33
92	Muscular Strength and Adiposity as Predictors of Adulthood Cancer Mortality in Men. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1468-1476.	1.1	112
93	High bone density in young Hutterite children. Bone, 2009, 44, 454-460.	1.4	7

#	Article	IF	Citations
94	Reference Values for Handgrip Strength Among Healthy Adults in Nigeria. Hong Kong Physiotherapy Journal, 2009, 27, 21-29.	0.3	38
95	Percentile Values for Muscular Strength Field Tests in Children Aged 6 to 17 Years: Influence of Weight Status. Journal of Strength and Conditioning Research, 2009, 23, 2295-2310.	1.0	116
96	Birth Size, Infant Weight Gain, and Motor Development Influence Adult Physical Performance. Medicine and Science in Sports and Exercise, 2009, 41, 1212-1221.	0.2	45
97	Postmenopausal hormone replacement therapy modifies skeletal muscle composition and function: a study with monozygotic twin pairs. Journal of Applied Physiology, 2009, 107, 25-33.	1.2	127
98	The relationship of birthweight, muscle size at birth and post-natal growth to grip strength in 9-year-old Indian children: findings from the Mysore Parthenon study. Journal of Developmental Origins of Health and Disease, 2010, 1, 329-337.	0.7	17
99	Getting a grip on aging. Cmaj, 2010, 182, 423-423.	0.9	2
100	sTNFR-1 is an early inflammatory marker in community versus institutionalized elderly women. Inflammation Research, 2010, 59, 129-134.	1.6	18
101	Risk factors for hip fracture in older adults: a caseâ€“control study in Taiwan. Osteoporosis International, 2010, 21, 773-784.	1.3	24
102	Relative strength as a determinant of mobility in elders 67â€“84 years of age. A nuage study: Nutrition as a determinant of successful aging. Journal of Nutrition, Health and Aging, 2010, 14, 190-195.	1.5	111
103	Prediction of grip and key pinch strength in 978 healthy subjects. BMC Musculoskeletal Disorders, 2010, 11, 94.	0.8	147
104	Exercise rehabilitation on home-dwelling patients with Alzheimer's disease - a randomized, controlled trial. Study protocol. Trials, 2010, 11, 92.	0.7	37
105	Physical Performance and Subsequent Disability and Survival in Older Adults with Malignancy: Results from the Health, Aging and Body Composition Study. Journal of the American Geriatrics Society, 2010, 58, 76-82.	1.3	96
106	Loss of Muscle Strength, Mass (Sarcopenia), and Quality (Specific Force) and Its Relationship with Functional Limitation and Physical Disability: The Concord Health and Ageing in Men Project. Journal of the American Geriatrics Society, 2010, 58, 2055-2062.	1.3	372
107	Heterogeneity in Rate of Decline in Grip, Hip, and Knee Strength and the Risk of Allâ€Cause Mortality: The Women's Health and Aging Study II. Journal of the American Geriatrics Society, 2010, 58, 2076-2084.	1.3	89
108	Global gene expression profiles in skeletal muscle of monozygotic female twins discordant for hormone replacement therapy. Aging Cell, 2010, 9, 1098-1110.	3.0	32
109	Understanding sarcopenia as a geriatric syndrome. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 1-7.	1.3	460
110	Rehabilitation in a primary care setting for persons with chronic illness â€“ a randomized controlled trial. Primary Health Care Research and Development, 2010, 11, 382-395.	0.5	40
111	Examination of Older Females' Grip Characteristics. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 140-144.	0.2	0

#	Article	IF	Citations
112	Impact of Androgen-Deprivation Therapy on Physical Function and Quality of Life in Men With Nonmetastatic Prostate Cancer. Journal of Clinical Oncology, 2010, 28, 5038-5045.	0.8	157
113	Physical Function and Health Status in Aging Puerto Rican Adults: The Boston Puerto Rican Health Study. Journal of Aging and Health, 2010, 22, 653-672.	0.9	23
114	Handgrip Strength: Indications of Paternal Inheritance in Three European Regions. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 1101-1106.	1.7	6
115	Dynamic Determinants of Longevity and Exceptional Health. Current Gerontology and Geriatrics Research, 2010, 2010, 1-13.	1.6	21
116	Magnesium and Aging. Current Pharmaceutical Design, 2010, 16, 832-839.	0.9	98
117	Association Between Direct Measures of Body Composition and Prognostic Factors in Chronic Heart Failure. Mayo Clinic Proceedings, 2010, 85, 609-617.	1.4	135
118	Handgrip strength as a predictor of functional, psychological and social health. A prospective population-based study among the oldest old. Age and Ageing, 2010, 39, 331-337.	0.7	460
119	Handgrip strength and mortality in the oldest old population: the Leiden 85-plus study. Cmaj, 2010, 182, 429-435.	0.9	298
120	Falls in men on androgen deprivation therapy for prostate cancer. Journal of Geriatric Oncology, 2010, 1, 32-39.	0.5	24
122	Onco-Geriatric Approach for the Management of Older Patients withÂCancer. Journal of the American Medical Directors Association, 2011, 12, 153-159.	1.2	24
123	Consequences of Sarcopenia. Clinics in Geriatric Medicine, 2011, 27, 387-399.	1.0	248
124	The Frailty Syndrome: Definition and Natural History. Clinics in Geriatric Medicine, 2011, 27, 1-15.	1.0	1,310
125	Genetic Variation and Skeletal Muscle Traits: Implications for Sarcopenia. , 2011, , 223-257.		1
126	Regenerative potential of human muscle stem cells in chronic inflammation. Arthritis Research and Therapy, 2011, 13, R207.	1.6	14
127	Exercise for older adult inpatients with acute myelogenous leukemia: A pilot study. Journal of Geriatric Oncology, 2011, 2, 11-17.	0.5	63
128	Resting handgrip force and impaired cardiac function at rest and during exercise in COPD patients. Respiratory Medicine, 2011, 105, 748-754.	1.3	18
129	DISCRIMINATION OF MOBILITY LIMITATION BY HAND-GRIP STRENGTH AMONG COMMUNITY-DWELLING OLDER ADULTS. Japanese Journal of Physical Fitness and Sports Medicine, 2011, 60, 259-268.	0.0	7
130	New Issues in the Management of Osteoporosis. Journal of Osteoporosis, 2011, 2011, 1-1.	0.1	3

#	Article	IF	Citations
131	Similarities in Acquired Factors Related to Postmenopausal Osteoporosis and Sarcopenia. Journal of Osteoporosis, 2011, 2011, 1-14.	0.1	55
132	Sarcopenia, Sarcopenic Obesity and Insulin Resistance. , 2011, , .		0
133	ForÃ§a de preensÃ£o palmar: mÃ©todos de avaliaÃ§Ã£o e fatores que influenciam a medida DOI:10.5007/1980-0037.2010v12n3p209. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 12, .	0.5	22
134	Education-related inequity in healthcare with heterogeneous reporting of health. Journal of the Royal Statistical Society Series A: Statistics in Society, 2011, 174, 639-664.	0.6	43
135	The Feasibility of Inpatient Geriatric Assessment for Older Adults Receiving Induction Chemotherapy for Acute Myelogenous Leukemia. Journal of the American Geriatrics Society, 2011, 59, 1837-1846.	1.3	117
136	Hand Grip Strength: age and gender stratified normative data in a population-based study. BMC Research Notes, 2011, 4, 127.	0.6	497
137	Objective physical functioning in patients with depressive and/or anxiety disorders. Journal of Affective Disorders, 2011, 131, 193-199.	2.0	52
138	Hand grip strength: Outcome predictor and marker of nutritional status. Clinical Nutrition, 2011, 30, 135-142.	2.3	721
139	A common polymorphism in the UCP3 promoter influences hand grip strength in elderly people. Biogerontology, 2011, 12, 265-271.	2.0	20
140	Grip work estimation during sustained maximal contraction: Validity and relationship with dependency and inflammation in elderly persons. Journal of Nutrition, Health and Aging, 2011, 15, 731-736.	1.5	49
141	How pleiotropic genetics of the musculoskeletal system can inform genomics and phenomics of aging. Age, 2011, 33, 49-62.	3.0	21
142	Reduction of myoblast differentiation following multiple population doublings in mouse C2C12 cells: A model to investigate ageing?. Journal of Cellular Biochemistry, 2011, 112, 3773-3785.	1.2	46
143	Losing One's Grip: A Bivariate Growth Curve Model of Grip Strength and Nonverbal Reasoning From Age 79 to 87 Years in the Lothian Birth Cohort 1921. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2011, 66B, 699-707.	2.4	36
144	Handgrip strength among older American Indians: the Native Elder Care Study. Age and Ageing, 2011, 40, 523-527.	0.7	11
145	Growing up in ageing. Clinical Medicine, 2011, 11, 169-170.	0.8	1
146	Sarcopenia and some simple approaches to modifying the consequence of ageing. Clinical Medicine, 2011, 11, 170-172.	0.8	0
147	Exercise in Clinical Cancer Care: A Call to Action and Program Development Description. Current Oncology, 2012, 19, 136-144.	0.9	62
148	Long-term Changes in Handgrip Strength in Men and Womenâ€"Accounting the Effect of Right Censoring Due to Death. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67, 1068-1074.	1.7	43

#	Article	IF	Citations
149	Terminal decline in motor function.. Psychology and Aging, 2012, 27, 998-1007.	1.4	53
150	Soy isoflavones and exercise to improve physical capacity in postmenopausal women. Climacteric, 2012, 16, 70-77.	1.1	20
151	The Influence of Age and Type of Force on Muscle Strength Capabilities in Women. International Journal of Occupational Safety and Ergonomics, 2012, 18, 47-57.	1.1	3
152	Effects of Muscular Strength on Cardiovascular Risk Factors and Prognosis. Journal of Cardiopulmonary Rehabilitation and Prevention, 2012, 32, 351-358.	1.2	325
153	Global Muscle Strength But Not Grip Strength Predicts Mortality and Length of Stay in a General Population in a Surgical Intensive Care Unit. Physical Therapy, 2012, 92, 1546-1555.	1.1	61
154	The effects of lifestyle interventions in dynapenic-obese postmenopausal women. Menopause, 2012, 19, 1015-1021.	0.8	24
155	Muscle weakness, health status and frequency of exacerbations in chronic obstructive pulmonary disease. Postgraduate Medical Journal, 2012, 88, 372-376.	0.9	23
156	Comparison of a combination of upper extremity performance measures and usual gait speed alone for discriminating upper extremity functional limitation and disability in older women. Archives of Gerontology and Geriatrics, 2012, 55, 486-491.	1.4	11
157	Is a composite score of physical performance measures more useful than usual gait speed alone in assessing functional status?. Archives of Gerontology and Geriatrics, 2012, 55, 392-398.	1.4	17
158	Monitoring physical functioning as the sixth vital sign: evaluating patient and practice engagement in chronic illness care in a primary care setting–a quasi-experimental design. BMC Family Practice, 2012, 13, 29.	2.9	33
159	Prefrailty and Chronic Morbidity in the Youngest Old: An Insight from the Lausanne Cohort Lc65+. Journal of the American Geriatrics Society, 2012, 60, 1687-1694.	1.3	38
160	Handgrip strength predicts pressure ulcers in patients with hip fractures. Nutrition, 2012, 28, 874-878.	1.1	27
161	A clinical trial of supervised exercise for adult inpatients with acute myeloid leukemia (AML) undergoing induction chemotherapy. Leukemia Research, 2012, 36, 1255-1261.	0.4	63
162	Older age is associated with similar quality of life and physical function compared to younger age during intensive chemotherapy for acute myeloid leukemia. Leukemia Research, 2012, 36, 1241-1248.	0.4	42
163	Predicting Cause-Specific Mortality of Older Men Living in the Veterans Home by Handgrip Strength and Walking Speed: A 3-Year, Prospective Cohort Study in Taiwan. Journal of the American Medical Directors Association, 2012, 13, 517-521.	1.2	56
164	Genetic aspects of skeletal muscle strength and mass with relevance to sarcopenia. BoneKEy Reports, 2012, 1, 58.	2.7	29
165	Voice and Handgrip Strength Predict Reproductive Success in a Group of Indigenous African Females. PLoS ONE, 2012, 7, e41811.	1.1	42
166	A Systematic Review of Dynamometry and its Role in Hand Trauma Assessment. The Open Orthopaedics Journal, 2012, 6, 95-102.	0.1	24

#	Article	IF	Citations
167	Patterns and correlates of grip strength change with age in Afro-Caribbean men. Age and Ageing, 2012, 41, 326-332.	0.7	17
168	A Significant Relationship between Plasma Vitamin C Concentration and Physical Performance among Japanese Elderly Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67A, 295-301.	1.7	44
169	Midlife muscle strength and human longevity up to age 100 years: a 44-year prospective study among a decedent cohort. Age, 2012, 34, 563-570.	3.0	113
170	Associations between grip strength of parents and their 4â€yearâ€old children: findings from the Southampton Women's Survey. Paediatric and Perinatal Epidemiology, 2012, 26, 27-33.	0.8	4
171	Oral health in institutionalised elderly people in Oslo, Norway and its relationship with dependence and cognitive impairment. Gerodontology, 2012, 29, e420-6.	0.8	72
172	Validity and usefulness of hand-held dynamometry for measuring muscle strength in community-dwelling older persons. Archives of Gerontology and Geriatrics, 2012, 54, 21-27.	1.4	152
173	Physical function as predictor for the persistence of depressive and anxiety disorders. Journal of Affective Disorders, 2012, 136, 828-832.	2.0	22
174	Association between muscle strength and metabolic syndrome in older Korean men and women: the Korean Longitudinal Study on Health and Aging. Metabolism: Clinical and Experimental, 2012, 61, 317-324.	1.5	56
175	Relationship of low plasma klotho with poor grip strength in older community-dwelling adults: the InCHIANTI study. European Journal of Applied Physiology, 2012, 112, 1215-1220.	1.2	69
176	Missed Opportunities for Depression Screening in Patients with Arthritis in the United States. Journal of General Internal Medicine, 2013, 28, 1637-1642.	1.3	9
177	Handgrip strength predicts survival and is associated with markers of clinical and functional outcomes in advanced cancer patients. Supportive Care in Cancer, 2013, 21, 3261-3270.	1.0	188
178	New Normative Values for Handgrip Strength: Results From the UK Biobank. Journal of the American Medical Directors Association, 2013, 14, 775.e5-775.e11.	1.2	126
179	Effect of increased fruit and vegetable consumption on physical function and muscle strength in older adults. Age, 2013, 35, 2409-2422.	3.0	61
180	Psycho-physical and neurophysiological effects of qigong on depressed elders with chronic illness. Aging and Mental Health, 2013, 17, 336-348.	1.5	72
181	Association of muscle strength with early markers of cardiovascular risk in sedentary adults. EndocrinologÃa Y NutriciÃ³n (English Edition), 2013, 60, 433-438.	0.5	6
182	The prevalence of sarcopenia in very old individuals according to the European consensus definition: insights from the BELFRAIL study. Age and Ageing, 2013, 42, 727-734.	0.7	97
183	Posttransplant Sarcopenia: An Underrecognized Early Consequence of Liver Transplantation. Digestive Diseases and Sciences, 2013, 58, 3103-3111.	1.1	92
184	Incidence and economical effects of pneumonia in the older population living in French nursing homes: design and methods of the INCUR study. BMC Public Health, 2013, 13, 861.	1.2	25

#	Article	IF	Citations
187	Association Between Functional Measures and Mortality in Older Persons. International Journal of Gerontology, 2013, 7, 17-21.	0.7	8
188	The relationship between grip strength and muscle mass (MM), inflammatory biomarkers and physical performance in community-dwelling very old persons. Archives of Gerontology and Geriatrics, 2013, 57, 345-351.	1.4	72
189	Handgrip Strength Predicts Persistent Walking Recovery After Hip Fracture Surgery. American Journal of Medicine, 2013, 126, 1068-1075.e1.	0.6	89
190	Ageâ€related skeletal muscle mass loss and physical performance in <scp>T</scp>aiwan: Implications to diagnostic strategy of sarcopenia in <scp>A</scp>sia. Geriatrics and Gerontology International, 2013, 13, 964-971.	0.7	85
191	Physical and Clinical Assessment of Nutrition Status. , 2013, , 65-79.		2
192	Linking perceived control, physical activity, and biological health to memory change.. Psychology and Aging, 2013, 28, 1147-1163.	1.4	56
193	Vision assessment using the NIH Toolbox. Neurology, 2013, 80, S37-40.	1.5	527
194	Motor assessment using the NIH Toolbox. Neurology, 2013, 80, S65-75.	1.5	167
195	Geriatric assessment predicts survival for older adults receiving induction chemotherapy for acute myelogenous leukemia. Blood, 2013, 121, 4287-4294.	0.6	348
196	Concomitant increase in muscle strength and bone mineral density with decreasing IL-6 levels after combination therapy with alendronate and calcitriol in postmenopausal women. Menopause, 2013, 20, 747-753.	0.8	41
197	Head Impulse Test Abnormalities and Influence on Gait Speed and Falls in Older Individuals. Otology and Neurotology, 2013, 34, 1729-1735.	0.7	54
198	International Classification of Functioning, Disability, and Health in women with breast cancer: a proposal for measurement instruments. Cadernos De Saude Publica, 2013, 29, 1083-1093.	0.4	5
199	Physical fitness, physical activity, exercise training and cognitive function in older adults. The Journal of Physical Fitness and Sports Medicine, 2013, 2, 275-286.	0.2	7
200	ComparaÃ§Ã£o entre diferentes protocolos de medida de forÃ§a de preensÃ£o manual. Revista Da EducaÃ§Ã£o FÃsica, 2014, 25, 481.	0.0	2
201	Reference Values and Age and Sex Differences in Physical Performance Measures for Community-Dwelling Older Japanese: A Pooled Analysis of Six Cohort Studies. PLoS ONE, 2014, 9, e99487.	1.1	98
202	Sustained effect of resistance training on blood pressure and hand grip strength following a detraining period in elderly hypertensive women: a pilot study. Clinical Interventions in Aging, 2014, 9, 219.	1.3	33
203	Short-term changes in handgrip strength, body composition, and lymphedema induced by breast cancer surgery. Revista Brasileira De Ginecologia E Obstetricia, 2014, 36, 244-250.	0.3	22
204	Hand grip strength in the elderly with upper limbs pain. Revista Dor, 2014, 15, .	0.1	6

#	Article	IF	Citations
205	Estado nutricional e forÃ§a de preensÃ£o manual em idosos residentes em comunidade com baixo Ãndice de desenvolvimento humano. Medicina, 2014, 47, 36.	0.0	0
206	Obesity and muscle strength as long-term determinants of all-cause mortalityâ€”a 33-year follow-up of the Mini-Finland Health Examination Survey. International Journal of Obesity, 2014, 38, 1126-1132.	1.6	74
207	Skeletal muscle as a regulator of the longevity protein, Klotho. Frontiers in Physiology, 2014, 5, 189.	1.3	52
208	Association of decreased sympathetic nervous activity with mortality of older adults in longâ€term care. Geriatrics and Gerontology International, 2014, 14, 159-166.	0.7	14
209	Phase angle for prognostication of survival in patients with advanced cancer: Preliminary findings. Cancer, 2014, 120, 2207-2214.	2.0	93
210	Comparison of quadriceps strength and handgrip strength in their association with health outcomes in older adults in primary care. Age, 2014, 36, 9714.	3.0	60
211	Postâ€liver transplantation sarcopenia in cirrhosis: A prospective evaluation. Journal of Gastroenterology and Hepatology (Australia), 2014, 29, 1250-1257.	1.4	151
212	Handgrip strength cutoff values for undernutrition screening at hospital admission. European Journal of Clinical Nutrition, 2014, 68, 1315-1321.	1.3	19
213	Get a grip! Handgrip strength as a health screening tool. , 2014, , .		5
214	Effects of energy drink major bioactive compounds on the performance of young adults in fitness and cognitive tests: a randomized controlled trial. Journal of the International Society of Sports Nutrition, 2014, 11, 44.	1.7	33
215	Study of correlation between hand circumference and Maximum Grip Strength (MGS). National Journal of Physiology, Pharmacy and Pharmacology, 2014, 4, 195.	0.0	6
216	The Role of Partnership Status on Late-Life Physical Function. Canadian Journal on Aging, 2014, 33, 413-425.	0.6	13
217	Reduced Handgrip Strength as a Marker of Frailty Predicts Clinical Outcomes in Patients With Heart Failure Undergoing Ventricular Assist Device Placement. Journal of Cardiac Failure, 2014, 20, 310-315.	0.7	155
218	A cross-sectional assessment of oxidative DNA damage and muscle strength among elderly people living in the community. Environmental Health and Preventive Medicine, 2014, 19, 21-29.	1.4	9
219	Effect of exercise training on skeletal muscle cytokine expression in the elderly. Brain, Behavior, and Immunity, 2014, 39, 80-86.	2.0	76
220	Acute mechanical overload increases IGF-I and MMP-9 mRNA in 3D tissue-engineered skeletal muscle. Biotechnology Letters, 2014, 36, 1113-1124.	1.1	37
221	Muscle Strength and Physical Performance as Predictors of Mortality, Hospitalization, and Disability in the Oldest Old. Journal of the American Geriatrics Society, 2014, 62, 1030-1038.	1.3	168
222	Poor correlation between handgrip strength and isokinetic performance of knee flexor and extensor muscles in communityâ€dwelling elderly women. Geriatrics and Gerontology International, 2014, 14, 185-189.	0.7	49

#	Article	IF	Citations
223	Associations between muscle strength, spirometric pulmonary function and mobility in healthy older adults. Age, 2014, 36, 9667.	3.0	64
224	Short term treatment versus long term management of neck and back disability in older adults utilizing spinal manipulative therapy and supervised exercise: a parallel-group randomized clinical trial evaluating relative effectiveness and harms. Chiropractic & Manual Therapies, 2014, 22, 26.	0.6	9
225	Inverse association between circulating adiponectin levels and skeletal muscle strength in Japanese men and women. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 42-49.	1.1	24
226	Functional Capacity of Oldest Old Living in a Long-stay Institution in Rio De Janeiro, Brazil. Journal of Physical Therapy Science, 2014, 26, 1097-1105.	0.2	11
227	Effect of Dyspnea Induced by Breath-holding on Maximal Muscular Strength of Patients with COPD. Journal of Physical Therapy Science, 2014, 26, 255-258.	0.2	10
228	Perceived control relates to better functional health and lower cardio-metabolic risk: The mediating role of physical activity.. Health Psychology, 2014, 33, 85-94.	1.3	58
229	Antecedents and outcomes of level and rates of change in perceived control: The moderating role of age.. Developmental Psychology, 2015, 51, 1420-1437.	1.2	35
230	Impact of physical frailty on disability in community-dwelling older adults: a prospective cohort study. BMJ Open, 2015, 5, e008462.	0.8	215
231	Longâ€term impact of androgenâ€deprivation therapy on physical function and quality of life. Cancer, 2015, 121, 2350-2357.	2.0	47
232	Grip Strength Values Stratified by Age, Gender, and Chronic Disease Status in Adults Aged 50 Years and Older. Journal of Geriatric Physical Therapy, 2015, 38, 115-121.	0.6	57
233	Health Shocks and Risk Aversion. SSRN Electronic Journal, 0, , .	0.4	0
234	Health Shocks and Risk Aversion. SSRN Electronic Journal, 2015, , .	0.4	0
235	Handgrip strength, functionality and plasma levels of IL-6 in elderly women. Fisioterapia Em Movimento, 2015, 28, 477-483.	0.4	2
236	The Association of Handgrip Strength and Type 2 Diabetes Mellitus in Six Ethnic Groups: An Analysis of the HELIUS Study. PLoS ONE, 2015, 10, e0137739.	1.1	51
237	Sitting Tai Chi Improves the Balance Control and Muscle Strength of Community-Dwelling Persons with Spinal Cord Injuries: A Pilot Study. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	19
238	Association between hand-grip strength and depressive symptoms: Locomotive Syndrome and Health Outcomes in Aizu Cohort Study (LOHAS). Age and Ageing, 2015, 44, 592-598.	0.7	130
239	Grip strength and mortality: a biomarker of ageing?. Lancet, The, 2015, 386, 226-227.	6.3	176
240	Sex differences in the association of fasting and postchallenge glucose levels with grip strength among older adults: the Rancho Bernardo Study. BMJ Open Diabetes Research and Care, 2015, 3, e000086.	1.2	10

#	Article	IF	Citations
241	Examining the Association Between Quadriceps Strength and Cognitive Performance in the Elderly. Medicine (United States), 2015, 94, e1335.	0.4	27
242	Sarcopenia in Asia. Osteoporosis and Sarcopenia, 2015, 1, 92-97.	0.7	25
243	Prevalence of Metabolic Syndrome and Its Association with Physical Capacity, Disability, and Selfâ€Rated Health in Lifestyle Interventions and Independence for Elders Study Participants. Journal of the American Geriatrics Society, 2015, 63, 222-232.	1.3	34
244	Predicting 6-Minute Walking Distance in Recipients of Lung Transplantation: Longitudinal Study of 108 Patients. Physical Therapy, 2015, 95, 720-729.	1.1	24
245	Changes in oxidized low-density lipoprotein cholesterol are associated with changes in handgrip strength in Japanese community-dwelling persons. Endocrine, 2015, 48, 871-877.	1.1	10
246	The effect of ladder-climbing exercise on atrophy/hypertrophy-related myokine expression in middle-aged male Wistar rats. Journal of Physiological Sciences, 2015, 65, 515-521.	0.9	22
247	Household and neighborhood conditions partially account for associations between education and physical capacity in the National Health and Aging Trends Study. Social Science and Medicine, 2015, 128, 67-75.	1.8	22
248	Quality of life and physical function in adults treated with intensive chemotherapy for acute myeloid leukemia improve over time independent of age. Journal of Geriatric Oncology, 2015, 6, 262-271.	0.5	62
249	Handgrip Strength Does Not Represent an Appropriate Measure to Evaluate Changes in Muscle Strength During an Exercise Intervention Program in Frail Older People. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 27-36.	1.0	96
250	Muscular strength as a strong predictor of mortality: A narrative review. European Journal of Internal Medicine, 2015, 26, 303-310.	1.0	188
251	Portable indices for sarcopenia are associated with pressure wave reflection and central pulse pressure. Journal of Hypertension, 2015, 33, 314-322.	0.3	24
252	Pre-Frailty and Risk of Cardiovascular Disease in Elderly Men and Women. Journal of the American College of Cardiology, 2015, 65, 976-983.	1.2	213
253	Longevity and skeletal muscle mass: the role of IGF signalling, the sirtuins, dietary restriction and protein intake. Aging Cell, 2015, 14, 511-523.	3.0	166
254	Cardiometabolic Risk, Socio-Psychological Factors, and Trajectory of Grip Strength Among Older Japanese Adults. Journal of Aging and Health, 2015, 27, 1123-1146.	0.9	9
255	Association of regional muscle strength with mortality and hospitalisation in older people. Age and Ageing, 2015, 44, 790-795.	0.7	62
256	Surgical Risk and Comorbidity in Older Urologic Patients. Clinics in Geriatric Medicine, 2015, 31, 591-601.	1.0	16
257	Successful aging: Advancing the science of physical independence in older adults. Ageing Research Reviews, 2015, 24, 304-327.	5.0	172
258	Handgrip Strength Is Positively Associated with Mildly Elevated Serum Bilirubin Levels among Community-Dwelling Adults. Tohoku Journal of Experimental Medicine, 2016, 240, 221-226.	0.5	15

#	Article	IF	Citations
259	Normative data for hand grip strength and key pinch strength, stratified by age and gender for a multiethnic Asian population. Singapore Medical Journal, 2016, 57, 578-584.	0.3	61
260	Chronic diseases, multimorbidity, and handgrip strength among older adults from Southern Brazil. Revista De Nutricao, 2016, 29, 43-52.	0.4	10
261	Patientâ€related factors independently impact overall survival in patients with myelodysplastic syndromes: an <scp>MDS</scp>â€<scp>CAN</scp> prospective study. British Journal of Haematology, 2016, 174, 88-101.	1.2	78
262	Association of sarcopenic obesity with the risk of allâ€cause mortality: A metaâ€analysis of prospective cohort studies. Geriatrics and Gerontology International, 2016, 16, 155-166.	0.7	168
263	Falls and Wrist Fracture: Relationship to Womenâ€™s Functional Status after Age 50. Canadian Journal on Aging, 2016, 35, 361-371.	0.6	7
264	Plasma Biomarkers of Poor Muscle Quality in Older Men and Women from the Baltimore Longitudinal Study of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1266-1272.	1.7	75
265	Objective measures of the frailty syndrome (hand grip strength and gait speed) and cardiovascular mortality: A systematic review. International Journal of Cardiology, 2016, 215, 487-493.	0.8	117
266	Combined Measures of Upper and Lower Body Strength and Subgroup Differences in Subsequent Survival Among the Older Population of England. Journal of Aging and Health, 2016, 28, 1178-1193.	0.9	17
267	Dynamic Characteristics of Aging-Related Changes as Predictors of Longevity and Healthy Lifespan. The Plenum Series on Demographic Methods and Population Analysis, 2016, , 187-210.	0.6	0
268	Dose-dependent association between muscle-strengthening activities and all-cause mortality: Prospective cohort study among a national sample of adults in the USA. Archives of Cardiovascular Diseases, 2016, 109, 626-633.	0.7	36
270	Effect of Intensive Chemotherapy on Physical, Cognitive, and Emotional Health of Older Adults with Acute Myeloid Leukemia. Journal of the American Geriatrics Society, 2016, 64, 1988-1995.	1.3	72
271	Health shocks and risk aversion. Journal of Health Economics, 2016, 50, 156-170.	1.3	95
272	Emerging roles for histone deacetylases in age-related muscle atrophy. Nutrition and Healthy Aging, 2016, 4, 17-30.	0.5	31
273	Grip strength and functional recovery after hip fracture: An observational study in elderly population. European Geriatric Medicine, 2016, 7, 556-560.	1.2	7
274	GÃ—E Interaction Influences Trajectories of Hand Grip Strength. Behavior Genetics, 2016, 46, 20-30.	1.4	11
275	Frailty: A Vital Sign for Older Adults With Cardiovascular Disease. Canadian Journal of Cardiology, 2016, 32, 1082-1087.	0.8	43
276	Isometric hand grip strength measured by the Nintendo Wii Balance Board â€“ a reliable new method. BMC Musculoskeletal Disorders, 2016, 17, 56.	0.8	18
277	No strong correlations between serum cytokine levels, CMV serostatus and hand-grip strength in older subjects in the Berlin BASE-II cohort. Biogerontology, 2016, 17, 189-198.	2.0	25

#	Article	IF	Citations
278	Hand Grip Strength and Self-Perceptions of Physical Attractiveness and Psychological Well-Being. Evolutionary Psychological Science, 2016, 2, 123-128.	0.8	19
279	Muscle Quality and Myosteatosis: Novel Associations With Mortality Risk. American Journal of Epidemiology, 2016, 183, 53-60.	1.6	113
280	Handgrip strength is associated with metabolic syndrome among middle-aged and elderly community-dwelling persons. Clinical and Experimental Hypertension, 2016, 38, 245-251.	0.5	54
281	Effects of elastic band resistance training and nutritional supplementation on muscle quality and circulating muscle growth and degradation factors of institutionalized elderly women: the Vienna Active Ageing Study (VAAS). European Journal of Applied Physiology, 2016, 116, 885-897.	1.2	74
282	Prospective Study of Trajectories of Physical Performance and Mortality Among Community-Dwelling Older Japanese. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1492-1499.	1.7	45
283	Associations of Walking Speed, Grip Strength, and Standing Balance With Total and Cause-Specific Mortality in a General Population of Japanese Elders. Journal of the American Medical Directors Association, 2016, 17, 184.e1-184.e7.	1.2	93
284	Determining the Importance of Meeting Muscle-Strengthening Activity Guidelines. Mayo Clinic Proceedings, 2016, 91, 166-174.	1.4	56
285	Clinical Relevance of Different Handgrip Strength Indexes and Mobility Limitation in the Elderly Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 96-102.	1.7	27
286	Handgrip Strength in Old and Very Old Adults: Mood, Cognition, Function, and Mortality. Journal of the American Geriatrics Society, 2017, 65, 526-532.	1.3	78
287	No association between grip strength and cardiovascular risk: The CoLaus population-based study. International Journal of Cardiology, 2017, 236, 478-482.	0.8	23
288	Physical function, grip strength and frailty in people living with <scp>HIV</scp> in subâ€Saharan Africa: systematic review. Tropical Medicine and International Health, 2017, 22, 516-525.	1.0	20
289	Relationship between tongue strength and 1-year life expectancy in elderly people needing nursing care. Odontology / the Society of the Nippon Dental University, 2017, 105, 477-483.	0.9	7
290	Leukocyte and Skeletal Muscle Telomere Length and Body Composition in Monozygotic Twin Pairs Discordant for Long-term Hormone Replacement Therapy. Twin Research and Human Genetics, 2017, 20, 119-131.	0.3	5
291	Chronic low back pain in patients with systemic lupus erythematosus: prevalence and predictors of back muscle strength and its correlation with disability. Revista Brasileira De Reumatologia, 2017, 57, 438-444.	0.7	4
292	The Combined Association of Skeletal Muscle Strength and Physical Activity on Mortality in Older Women: The HUNT2 Study. Mayo Clinic Proceedings, 2017, 92, 710-718.	1.4	23
293	Comparison of Jamar and Bodygrip Dynamometers for Handgrip Strength Measurement. Journal of Strength and Conditioning Research, 2017, 31, 1931-1940.	1.0	23
294	The impact of multimorbidity on grip strength in adults age 50 and older: Data from the health and retirement survey (HRS). Archives of Gerontology and Geriatrics, 2017, 72, 164-168.	1.4	29
295	Ageâ€dependent changes in physical performance and body composition in communityâ€dwelling Japanese older adults. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 607-614.	2.9	87

#	Article	IF	Citations
296	Association of Grip Strength With Risk of All-Cause Mortality, Cardiovascular Diseases, and Cancer in Community-Dwelling Populations: A Meta-analysis of Prospective Cohort Studies. Journal of the American Medical Directors Association, 2017, 18, 551.e17-551.e35.	1.2	155
297	Dynapenic Abdominal Obesity as a Predictor of Worsening Disability, Hospitalization, and Mortality in Older Adults: Results From the InCHIANTI Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1098-1104.	1.7	57
298	Higher uric acid serum levels are associated with better muscle function in the oldest old: Results from the Mugello Study. European Journal of Internal Medicine, 2017, 41, 39-43.	1.0	37
299	Mitochondria and mitochondria-induced signalling molecules as longevity determinants. Mechanisms of Ageing and Development, 2017, 165, 115-128.	2.2	50
300	Lombalgia crÃ´nica em pacientes com lÃºpus eritematoso sistÃªmico: prevalÃªncia e preditores da forÃ§a muscular de extensÃ£o de tronco e sua correlaÃ§Ã£o com a incapacidade. Revista Brasileira De Reumatologia, 2017, 57, 438-444.	0.8	3
301	Functional Standards for Optimal Aging. Topics in Geriatric Rehabilitation, 2017, 33, 224-230.	0.2	4
302	A prospective 2-site parallel intervention trial of a research-based film to increase exercise amongst older hemodialysis patients. BMC Nephrology, 2017, 18, 37.	0.8	5
303	Six-year trajectory of objective physical function in persons with depressive and anxiety disorders. Depression and Anxiety, 2017, 34, 188-197.	2.0	29
304	Use of routinely available clinical, nutritional, and functional criteria to classify cachexia in advanced cancer patients. Clinical Nutrition, 2017, 36, 1378-1390.	2.3	46
305	Prevalence of clinically relevant muscle weakness and its association with vitamin D status among older adults in Ecuador. Aging Clinical and Experimental Research, 2017, 29, 943-949.	1.4	18
306	Heritability estimates of muscle strengthâ€related phenotypes: A systematic review and metaâ€analysis. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 1537-1546.	1.3	67
307	Impact of frailty markers on outcomes after transcatheter aortic valve replacement: insights from a Japanese multicenter registry. Annals of Cardiothoracic Surgery, 2017, 6, 532-537.	0.6	17
308	Differences in handgrip strength protocols to identify sarcopenia and frailty - a systematic review. BMC Geriatrics, 2017, 17, 238.	1.1	159
309	Impact of Symptoms Duration in Chronic Obstructive Pulmonary Disease is There Any Meaningful Link?. Primary Health Care: Open Access, 2017, 07, .	0.0	0
310	Programa Patrulha da SaÃºde: indicadores de saÃºde em policiais rodoviÃ¡rios federais. Scientia Medica, 2017, 27, 25855.	0.1	7
311	Handgrip and functional capacity in Chronic Obstructive Pulmonary Disease patients. Fisioterapia Em Movimento, 2017, 30, 501-507.	0.4	6
312	Association between hand muscle thickness and whole-body skeletal muscle mass in healthy adults: a pilot study. Journal of Physical Therapy Science, 2017, 29, 1644-1648.	0.2	19
313	Evaluating Changes in Handgrip Strength in Children With Cystic Fibrosis: A Pilot Study. Nutrition in Clinical Practice, 2018, 33, 261-267.	1.1	9

#	Article	IF	Citations
314	Muscular Strength as a Predictor of All-Cause Mortality in an Apparently Healthy Population: A Systematic Review and Meta-Analysis of Data From Approximately 2 Million Men and Women. Archives of Physical Medicine and Rehabilitation, 2018, 99, 2100-2113.e5.	0.5	334
315	Association between serum uric acid concentrations and grip strength: Is there effect modification by age?. Clinical Nutrition, 2018, 37, 566-572.	2.3	15
316	Reference equations for handgrip strength: Normative values in young adult and middle-aged subjects. Clinical Nutrition, 2018, 37, 914-918.	2.3	29
317	Differences in Function and Fracture Risk in Postmenopausal Women With and Without a Recent Distal Radius Fracture. Journal of Aging and Physical Activity, 2018, 26, 136-145.	0.5	9
318	The combination of dynapenia and abdominal obesity as a risk factor for worse trajectories of IADL disability among older adults. Clinical Nutrition, 2018, 37, 2045-2053.	2.3	40
319	Cancer-Specific Mortality Relative to Engagement in Muscle-Strengthening Activities and Lower Extremity Strength. Journal of Physical Activity and Health, 2018, 15, 144-149.	1.0	10
320	Reconsideration of frailty in relation to surgical indication. General Thoracic and Cardiovascular Surgery, 2018, 66, 201-213.	0.4	3
321	Ageâ€related microvascular dysfunction: novel insight from nearâ€infrared spectroscopy. Experimental Physiology, 2018, 103, 190-200.	0.9	58
322	Frailty Assessments in Surgical Practice: What is Frailty and How Can It Be Used in Prosthetic Health?. Sexual Medicine Reviews, 2018, 6, 302-309.	1.5	5
323	Evaluating Hand Grip Strength Prior to Hematopoietic Stem Cell Transplantation as a Predictor of Patient Outcomes. Rehabilitation Oncology, 2018, 36, 172-179.	0.2	4
324	Normative reference values for hand grip dynamometry in Spain. Association with lean mass.. Nutricion Hospitalaria, 2018, 35, 98-103.	0.2	24
325	Qualitative synthesis of isometric handgrip strength for Chinese adults. , 2018, , .		0
326	Alcohol Consumption is Positively Associated with Handgrip Strength Among Japanese Community-dwelling Middle-aged and Elderly Persons. International Journal of Gerontology, 2018, 12, 294-298.	0.7	10
327	Calf Circumference as a Simple Screening Marker for Diagnosing Sarcopenia in Older Korean Adults: the Korean Frailty and Aging Cohort Study (KFACS). Journal of Korean Medical Science, 2018, 33, e151.	1.1	80
328	USF1 promotes the development of knee osteoarthritis by activating the NFâ€ºB signaling pathway. Experimental and Therapeutic Medicine, 2018, 16, 3518-3524.	0.8	7
329	Association of Handgrip Strength with Dietary Intake in the Korean Population: Findings Based on the Seventh Korea National Health and Nutrition Examination Survey (KNHANES VII-1), 2016. Nutrients, 2018, 10, 1180.	1.7	39
330	The association between decreased hand grip strength and hip fracture in older people: A systematic review. Experimental Gerontology, 2018, 111, 1-9.	1.2	37
331	Lost in Translation: What Does the Physical Activity and Health Evidence Actually Tell Us?. , 2018, , 175-186.		5

#	Article	IF	Citations
332	Reference values for hand grip strength in the South Korean population. PLoS ONE, 2018, 13, e0195485.	1.1	72
334	Do Nationally Representative Cutpoints for Clinical Muscle Weakness Predict Mortality? Results From 9 Years of Follow-up in the Health and Retirement Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1070-1075.	1.7	20
335	Role of Dietary Protein and Muscular Fitness on Longevity and Aging. , 2018, 9, 119.		46
336	Reference values of hand-grip dynamometry and the relationship between low strength and mortality in older Chileans. Clinical Interventions in Aging, 2018, Volume 13, 317-324.	1.3	40
337	Biological clocks and physical functioning in monozygotic female twins. BMC Geriatrics, 2018, 18, 83.	1.1	22
338	Depression and Handgrip Strength Among U.S. Adults Aged 60 Years and Older from NHANES 2011Ã¢â‚¬â€œ2014. Journal of Nutrition, Health and Aging, 2018, 22, 938-943.	1.5	59
339	Active aging â€“ resilience and external support as modifiers of the disablement outcome: AGNES cohort study protocol. BMC Public Health, 2018, 18, 565.	1.2	62
340	FIT for FUNCTION: study protocol for a randomized controlled trial. Trials, 2018, 19, 39.	0.7	11
341	Changes in health parameters in older lay volunteers who delivered a lifestyle-based program to frail older people at home. Wiener Klinische Wochenschrift, 2018, 130, 637-644.	1.0	4
342	Association between inflammatory mediators, grip strength and mobility in community-dwelling elderly. Fisioterapia Em Movimento, 2018, 31, .	0.4	2
343	Associations of Grip Strength and Change in Grip Strength With All-Cause and Cardiovascular Mortality in a European Older Population. Clinical Medicine Insights: Cardiology, 2018, 12, 117954681877189.	0.6	35
344	Hand grip strength assessment in older people: is the supine position valid and reliable?. European Geriatric Medicine, 2019, 10, 741-745.	1.2	4
345	Can early assessment of hand grip strength in older hip fracture patients predict functional outcome?. PLoS ONE, 2019, 14, e0213223.	1.1	30
346	Normative Data on Grip Strength in a Population-Based Study with Adjusting Confounding Factors: Sixth Korea National Health and Nutrition Examination Survey (2014â€“2015). International Journal of Environmental Research and Public Health, 2019, 16, 2235.	1.2	23
347	Handgrip Strength and Pulmonary Disease in the Elderly: What is the Link?. , 2019, 10, 1109.		22
348	Gait, balance, mobility and muscle strength in people with anxiety compared to healthy individuals. Human Movement Science, 2019, 67, 102513.	0.6	23
349	Individualized counselling for active aging: protocol of a single-blinded, randomized controlled trial among older people (the AGNES intervention study). BMC Geriatrics, 2019, 19, 5.	1.1	13
350	Effects of functional and traditional training in body composition and muscle strength components in older women: A randomized controlled trial. Archives of Gerontology and Geriatrics, 2019, 84, 103902.	1.4	21

#	Article	IF	Citations
351	Does hand grip strength decrease in chronic obstructive pulmonary disease exacerbation? A cross-sectional study. Turkish Journal of Medical Sciences, 2019, 49, 802-808.	0.4	11
352	Impact of handgrip strength on cardiovascular, cancer and all-cause mortality in the Korean longitudinal study of ageing. BMJ Open, 2019, 9, e027019.	0.8	31
353	Synergistic effect of low handgrip strength and malnutrition on 4-year all-cause mortality in older males: A prospective longitudinal cohort study. Archives of Gerontology and Geriatrics, 2019, 83, 217-222.	1.4	14
354	Tetra-linoleoyl cardiolipin depletion plays a major role in the pathogenesis of sarcopenia. Medical Hypotheses, 2019, 127, 142-149.	0.8	24
355	New evidence on predictable validity of grip strength on later life outcomes in Japan. Applied Economics Letters, 2019, 26, 1572-1578.	1.0	0
356	Association of health empowerment and handgrip strength with intention to participate in physical activity among community-dwelling older adults. Experimental Gerontology, 2019, 121, 99-105.	1.2	7
357	Associations of recommended food score and physical performance in Korean elderly. BMC Public Health, 2019, 19, 128.	1.2	14
358	Reference data on hand grip and lower limb strength using the Nintendo Wii balance board: a cross-sectional study of 354 subjects from 20 to 99â€‰years of age. BMC Musculoskeletal Disorders, 2019, 20, 21.	0.8	11
359	Handgrip Strength and All-Cause Mortality in Middle-Aged and Older Koreans. International Journal of Environmental Research and Public Health, 2019, 16, 740.	1.2	47
360	Objective physical measures and their association with subjective functional limitations in a representative study population of older Thais. BMC Geriatrics, 2019, 19, 73.	1.1	6
361	Is there an accurate relationship between simple self-reported functional limitations and the assessment of physical capacity in early old age?. PLoS ONE, 2019, 14, e0211853.	1.1	4
362	Traditional Dance Improves the Physical Fitness and Well-Being of the Elderly. Frontiers in Aging Neuroscience, 2019, 11, 75.	1.7	34
363	Quality of life and functional capability of elderly Brazilian women. Work, 2019, 62, 97-106.	0.6	6
364	Developmental factors associated with decline in grip strength from midlife to old age: a British birth cohort study. BMJ Open, 2019, 9, e025755.	0.8	20
365	The effects of swimming training on arterial function, muscular strength, and cardiorespiratory capacity in postmenopausal women with stage 2 hypertension. Menopause, 2019, 26, 653-658.	0.8	33
366	Association of dynapenia, obesity and chronic diseases with allâ€cause mortality of communityâ€dwelling older adults: A path analysis. Geriatrics and Gerontology International, 2019, 19, 108-112.	0.7	3
367	Sleep and Intensive Care Unitâ€“Acquired Weakness in Critically Ill Older Adults. Dimensions of Critical Care Nursing, 2019, 38, 20-28.	0.4	12
368	Physical Function in U.S. Older Adults Compared With Other Populations: A Multinational Study. Journal of Aging and Health, 2019, 31, 1067-1084.	0.9	9

#	Article	IF	Citations
369	Changes in Physical Functioning as Short-Term Predictors of Mortality. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 630-639.	2.4	13
370	Protein timing has no effect on lean mass, strength and functional capacity gains induced by resistance exercise in postmenopausal women: A randomized clinical trial. Clinical Nutrition, 2020, 39, 57-66.	2.3	10
371	An Investigation of Short-Term Longitudinal Associations Between Handgrip Strength and Cardiovascular Disease Biomarkers Among Middle-Aged to Older Adults: A Project FRONTIER Study. Journal of Aging and Physical Activity, 2020, 28, 9-17.	0.5	2
372	Elevated Plasma Growth and Differentiation Factor 15 Is Associated With Slower Gait Speed and Lower Physical Performance in Healthy Community-Dwelling Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 175-180.	1.7	48
373	Mortality Risk Among Older People Who Did Versus Did Not Sustain a Fracture: Baseline Prefracture Strength and Gait Speed as Predictors in a 15-Year Follow-Up. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1996-2002.	1.7	7
374	An MDS-specific frailty index based on cumulative deficits adds independent prognostic information to clinical prognostic scoring. Leukemia, 2020, 34, 1394-1406.	3.3	23
375	Weakness May Have a Causal Association With Early Mortality in Older Americans: A Matched Cohort Analysis. Journal of the American Medical Directors Association, 2020, 21, 621-626.e2.	1.2	19
376	The Relationship between Muscular Strength and Depression in Older Adults with Chronic Disease Comorbidity. International Journal of Environmental Research and Public Health, 2020, 17, 6830.	1.2	7
377	An Attempt to Identify Meaningful Descriptors of Handgrip Strength Using a Novel Prototype: Preliminary Study. Information (Switzerland), 2020, 11, 546.	1.7	4
378	Normative reference values of the handgrip strength for the Portuguese workers. PLoS ONE, 2020, 15, e0236555.	1.1	2
379	Indicators of Sarcopenia: Sex Differences in Competitive Runners Prior to Peak Muscle Mass. International Journal of Sports Medicine, 2020, 41, 1067-1076.	0.8	0
380	Short-term enhancement of motor neuron synaptic exocytosis during early aging extends lifespan in Caenorhabditis elegans. Experimental Biology and Medicine, 2020, 245, 1552-1559.	1.1	3
381	Association between disability and cardiovascular event and mortality: A nationwide representative longitudinal study in Korea. PLoS ONE, 2020, 15, e0236665.	1.1	15
382	Prevalence of probable sarcopenia in community-dwelling older Swiss people â€“ a cross-sectional study. BMC Geriatrics, 2020, 20, 307.	1.1	29
383	Physical Frailty among Urban-Living Community-Dwelling Older Adults in Malaysia. International Journal of Environmental Research and Public Health, 2020, 17, 6549.	1.2	16
384	Proprioceptive neuromuscular facilitation in the functionality and lymphatic circulation of the upper limb of women undergoing breast cancer treatment. Clinical Biomechanics, 2020, 80, 105158.	0.5	1
385	Exploring the Impact of Obesity on Skeletal Muscle Function in Older Age. Frontiers in Nutrition, 2020, 7, 569904.	1.6	44
386	Ovariectomy alters lengthening contraction induced heat shock protein expression. Applied Physiology, Nutrition and Metabolism, 2020, 45, 530-538.	0.9	2

#	Article	IF	Citations
387	Phase Angle as a Marker of Muscular Strength in Breast Cancer Survivors. International Journal of Environmental Research and Public Health, 2020, 17, 4452.	1.2	22
388	Handgrip strength predicts 1-year functional recovery and mortality in hip fracture patients. Maturitas, 2020, 141, 20-25.	1.0	10
389	Practice day may be unnecessary prior to testing knee extensor strength in young healthy adults. International Biomechanics, 2020, 7, 58-65.	0.9	3
390	Effects of A â€œModifiedâ€•Otago Exercise Program on the Functional Abilities and Social Participation of Older Adults Living in the Communityâ€"The AGA@4life Model. International Journal of Environmental Research and Public Health, 2020, 17, 1258.	1.2	11
391	The associations of physical activity and physical capability with cardiovascular health among workingâ€age finnish women. Translational Sports Medicine, 2020, 3, 213-221.	0.5	0
392	PHD1 controls muscle mTORC1 in a hydroxylation-independent manner by stabilizing leucyl tRNA synthetase. Nature Communications, 2020, 11, 174.	5.8	1,868
393	Physiological stress markers, mental health and objective physical function. Journal of Psychosomatic Research, 2020, 133, 109996.	1.2	13
394	Packaging and compensatory processes. , 2020, , 255-284.		0
395	Dysbiosis, malnutrition and enhanced gut-lung axis contribute to age-related respiratory diseases. Ageing Research Reviews, 2021, 66, 101235.	5.0	58
397	Psychometric properties of the 10-item Connorâ€"Davidson resilience scale among Finnish older adults. Aging and Mental Health, 2021, 25, 99-106.	1.5	39
398	Regular Exercise and Depressive Symptoms in Korean Older Adults. International Journal of Environmental Research and Public Health, 2021, 18, 303.	1.2	2
399	Physical frailty and long-term mortality in older people with chronic heart failure with preserved and reduced ejection fraction: a retrospective longitudinal study. BMC Geriatrics, 2021, 21, 92.	1.1	14
400	Influence of Handgrip Strength and Paraspinal Musclesâ€™ Volume on Clinical Outcomes in the Patients With Each Sagittal Imbalance and Lumbar Spinal Stenosis. Global Spine Journal, 2023, 13, 609-616.	1.2	4
401	Effects of Neuromuscular Electrical Stimulation Combined with Exercises versus an Exercise Program on the Physical Characteristics and Functions of the Elderly: A Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 2463.	1.2	6
402	The Relationship between Health Perception and Health Predictors among the Elderly across European Countries. International Journal of Environmental Research and Public Health, 2021, 18, 4053.	1.2	5
403	Bodyweight change and cognitive performance in the older population. PLoS ONE, 2021, 16, e0249651.	1.1	14
404	Effect of a prebiotic supplement on knee joint function, gut microbiota, and inflammation in adults with co-morbid obesity and knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2021, 22, 255.	0.7	7
405	Fuerza prensil en adultos chilenos sanos de 20 a 69 aÃ±os: un estudio transversal. Fisioterapia, 2021, 43, 136-142.	0.2	1

#	Article	IF	Citations
406	Greater muscle strength is associated with reduced autonomic reactivity. Research, Society and Development, 2021, 10, e16510615593.	0.0	1
407	â€œBioelectrical impedance analysis in managing sarcopenic obesity in NAFLDâ€• Obesity Science and Practice, 2021, 7, 629-645.	1.0	4
408	Thigh circumference and handgrip strength are significantly associated with all-cause mortality: findings from a study on Japanese community-dwelling persons. European Geriatric Medicine, 2021, 12, 1191-1200.	1.2	6
409	Impacts of Heart Failure and Physical Performance on Long-Term Mortality in Old Patients With Chronic Kidney Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 680098.	1.1	10
410	Physical rehabilitation in Intensive Care Unit in acute respiratory distress syndrome patients with COVID-19. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 434-442.	1.1	19
411	Handgrip strength during admission for COPD exacerbation: impact on further exacerbation risk. BMC Pulmonary Medicine, 2021, 21, 245.	0.8	5
412	Association between serum TNF-Î± and sarcopenia in liver cirrhosis. Clinical and Molecular Hepatology, 2021, , .	4.5	12
413	Is teleâ€rehabilitation superior to home exercise program in COVIDâ€19 survivors following discharge from intensive care unit? â€•A study protocol of a randomized controlled trial. Physiotherapy Research International, 2021, 26, e1920.	0.7	9
415	Muscle Exercise Mitigates the Negative Influence of Low Socioeconomic Status on the Lack of Muscle Strength: A Cross-Sectional Study. Healthcare (Switzerland), 2021, 9, 1244.	1.0	0
416	Cloud-Based Data Storage System for eHealth Smart Devices. Lecture Notes in Networks and Systems, 2022, , 400-407.	0.5	0
417	Associations of low hand grip strength with 1Âyear mortality of cancer cachexia: a multicentre observational study. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1489-1500.	2.9	28
418	Day-to-Day Variability and Year-to-Year Reproducibility of Accelerometer-Measured Free-Living Sit-to-Stand Transitions Volume and Intensity among Community-Dwelling Older Adults. Sensors, 2021, 21, 6068.	2.1	7
419	Exercise as Medicine for Older Women. Clinics in Geriatric Medicine, 2021, 37, 639-650.	1.0	1
420	Bone, muscle, and sarcopenia. , 2021, , 847-873.		0
421	Association of handgrip strength and endurance with body composition in head and neck cancer patients. Journal of Family Medicine and Primary Care, 2021, 10, 910.	0.3	4
423	A Life Course Approach to Well-Being. , 2007, , 187-205.		6
424	Smartphone frailty screening: Development of a quantitative early detection method for the frailty syndrome. Journal of the Chinese Medical Association, 2020, 83, 1039-1047.	0.6	6
425	Associations Between Handgrip Strength and Disease-Specific Mortality Including Cancer, Cardiovascular, and Respiratory Diseases in Older Adults: A Meta-Analysis. Journal of Aging and Physical Activity, 2020, 28, 320-331.	0.5	19

#	Article	IF	Citations
426	NK-Like T Cells and Plasma Cytokines, but Not Anti-Viral Serology, Define Immune Fingerprints of Resilience and Mild Disability in Exceptional Aging. PLoS ONE, 2011, 6, e26558.	1.1	45
427	Association of Birth Order with Cardiovascular Disease Risk Factors in Young Adulthood: A Study of One Million Swedish Men. PLoS ONE, 2013, 8, e63361.	1.1	22
428	Extent of aging across education and income subgroups in Thailand: Application of a characteristic-based age approach. PLoS ONE, 2020, 15, e0243081.	1.1	8
429	Quedas em idosos institucionalizados: caracterÃsticas gerais, fatores determinantes e relaÃ§Ãµes com a forÃ§a de preensÃ£o manual. Acta Ortopedica Brasileira, 2007, 15, 151-154.	0.2	30
430	The influence of physical Activity on handgrip strength of elderly. , 2019, 4, 020-024.		5
431	Relationship between hand grip strength and peak VO₂ in communityâ€dwelling elderly outpatients. JCSM Clinical Reports, 2018, 3, 1-10.	0.5	7
432	Trends of Handgrip Strength in Students of North Indian City of Amritsar and Its Correlations with Demographic Characteristics. Journal of Physical Therapy and Health Promotion, 2014, 2, 8-14.	0.2	1
434	Prevalence and factors associated with sarcopenia and dynapenia in elderly people. Journal of Frailty, Sarcopenia and Falls, 2018, 03, 194-202.	0.4	12
436	Sarcopenia of the Old Age. Journal of Korean Endocrine Society, 2007, 22, 1.	0.1	7
437	Clinical and Physiopathological Mechanism of Sarcopenia. Korean Journal of Medicine, 2012, 83, 444.	0.1	27
438	Handgrip Strength as a Predictor of Nutritional Status in Chinese Elderly Inpatients at Hospital Admission. Biomedical and Environmental Sciences, 2017, 30, 802-810.	0.2	24
439	Physical Activity, Fine Manual Dexterity and a Coachâ€™s Self-Efficacy in a Physical Activity Program for Older Persons Living in Residential Care Facilities. Psychology, 2012, 03, 384-392.	0.3	8
440	The Impacts of Difficulty on Daily Activities, Grip Strength, and Activities of Daily Living on Perceived Health in Community-living Older Adults. Journal of Muscle and Joint Health, 2010, 17, 192-202.	0.4	10
441	IDENTIFICATION OF THE PHYSICAL FUNCTION OF FRAIL OLDER ADULTS AND EFFECTIVITY OF THE HEALTH CHECK-UP QUESTIONNAIRE (KIHON CHECK-LIST). Japanese Journal of Physical Fitness and Sports Medicine, 2011, 60, 413-422.	0.0	4
442	A randomized clinical trial on the effects of exercise on muscle remodelling following bariatric surgery. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1440-1455.	2.9	13
443	Models of Sarcopenia. , 2006, , 977-991.		0
444	Education-Related Inequity in Health Care with Heterogeneous Reporting of Health. SSRN Electronic Journal, 0, , .	0.4	1
445	Falls and Physical Performance among Frail Sexagenarians and Septuagenarians. International Journal of Clinical Medicine, 2010, 01, 16-23.	0.1	0

#	Article	IF	Citations
446	EFFECT OF HOME-BASED NON-INSTRUMENTAL RESISTANCE TRAINING ON EXERCISE CAPACITY OF PATIENTS WITH CHRONIC HEART DISEASE. Japanese Journal of Physical Fitness and Sports Medicine, 2011, 60, 177-184.	0.0	0
447	RELAÃ‡ÃƒO ENTRE NÃVEL DE ATIVIDADE FÃSICA E VELOCIDADE DE MARCHA EM IDOSOS CENTENÃRIOS. Kinesis, 2014, 32, .	0.0	0
448	Development of assessment sheets on physical performance measures by using large-scale population-based cohort data for community-dwelling older Japanese. Japanese Journal of Physical Fitness and Sports Medicine, 2015, 64, 261-271.	0.0	3
449	Finger Tap Reaction Time as an Independent Prognostic Factor for Functional Outcome in Older Adults. Annals of Geriatric Medicine and Research, 2017, 21, 64-69.	0.7	1
450	RELAÃ‡ÃƒO ENTRE OBESIDADE, PRESSÃƒO ARTERIAL E FORÃ‡A MUSCULAR DE IDOSAS OBESAS HIPERTENSAS. Estudos Interdisciplinares Sobre O Envelhecimento, 2017, 22, .	0.0	0
456	Mortality- and Health-Related Factors in a Community-Dwelling of Oldest-Older Adults at the Age of 90: A 10-Year Follow-Up Study. International Journal of Environmental Research and Public Health, 2020, 17, 9584.	1.2	4
457	A Study on Effect of Regular Leisure Activities on Health- Related Quality of Life (SF-36) in the Elderly: Physical Leisure Activities. Korean Journal of Leisure Recreation & Park, 2020, 44, 77-91.	0.3	3
459	A prospective study for the assessment of frailty in elderly chronic kidney disease patients. Indian Journal of Medical Specialities, 2021, 12, 194.	0.1	1
460	Comparison of methods to identify individuals with obesity at increased risk of functional impairment among a population of home-dwelling older adults. British Journal of Nutrition, 2022, 128, 1064-1071.	1.2	2
463	Consideration of body mass index (BMI) in the association between hand grip strength and hypertension: Korean Longitudinal Study of Ageing (KLoSA). PLoS ONE, 2020, 15, e0241360.	1.1	21
465	Aging Successfully: a Research and Public Health Priority for the 21(st) Century. , 2012, 3, 1-4.		1
466	Predictors of Handgrip Strength among the Free Living Elderly in Rural Pahang, Malaysia. Iranian Journal of Public Health, 2011, 40, 44-53.	0.3	8
467	Performance-based measures of physical function as mortality predictors: Incremental value beyond self-reports. Demographic Research, 2014, 30, 227-252.	2.0	8
468	Age-related normative values for handgrip strength and grip strength's usefulness as a predictor of mortality and both cognitive and physical decline in older adults in northwest Russia. Journal of Musculoskeletal Neuronal Interactions, 2017, 17, 417-432.	0.1	16
469	Relative Handgrip Strength as a Simple Tool to Evaluate Impaired Heart Rate Recovery and a Low Chronotropic Index in Obese Older Women. International Journal of Exercise Science, 2018, 11, 844-855.	0.5	5
470	Geriatric assessment predicts nonfatal toxicities and survival for intensively treated older adults with AML. Blood, 2022, 139, 1646-1658.	0.6	28
471	Comparison of Grip Strength, Gait Speed, and Quality of Life Among Obese, Overweight, and Nonobese Older Adults. Topics in Geriatric Rehabilitation, 2022, 38, 88-92.	0.2	2
472	The impact of weight change and measures of physical functioning on mortality. Journal of the American Geriatrics Society, 2022, 70, 1228-1235.	1.3	6

#	Article	IF	Citations
476	High Charlson comorbidity index value is not associated with muscle strength in unselected cancer patients. Clinical Nutrition ESPEN, 2022, , .	0.5	0
477	Aging alters gastrocnemius muscle hemoglobin oxygen saturation (StO2) characteristics in healthy individuals. European Journal of Applied Physiology, 2022, 122, 1509-1520.	1.2	4
478	Heterogeneity in resistance training-induced muscle strength responses is associated with training frequency and insulin resistance in postmenopausal women. Experimental Gerontology, 2022, 163, 111807.	1.2	2
480	Cognitive and physical benefits of a gameâ€like dualâ€task exercise among the oldest nursing home residents in Japan. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12276.	1.8	2
481	Relationship between tooth loss and sarcopenia in suburban community-dwelling older adults in Shanghai and Tianjin of China. Scientific Reports, 2022, 12, 7618.	1.6	1
483	Effects of a 12â€month homeâ€based exercise program on functioning after hip fracture â€“ Secondary analyses of an <scp>RCT</scp>. Journal of the American Geriatrics Society, 2022, 70, 2561-2570.	1.3	6
484	Association between obesity and mortality in the Costa Rican elderly: a cohort study. BMC Public Health, 2022, 22, 1007.	1.2	5
485	The combined effect of anemia and dynapenia on mortality risk in older adults: 10-Year evidence from the ELSA cohort study. Archives of Gerontology and Geriatrics, 2022, 102, 104739.	1.4	3
487	Resilienssi ikÃÃntyessÃ: fyysinen suorituskyky ja psykososiaaliset tekijÃt muuttuvassa ympÃristÃ¶ssÃ ja voimavaroina vastoinkÃymisissÃ. Gerontologia, 2022, 36, 215-219.	0.1	0
488	Validity and reliability of handgrip dynamometry in older adults: A comparison of two widely used dynamometers. PLoS ONE, 2022, 17, e0270132.	1.1	19
489	Associations Between Handgrip Strength and Dementia Risk, Cognition, and Neuroimaging Outcomes in the UK Biobank Cohort Study. JAMA Network Open, 2022, 5, e2218314.	2.8	27
490	A Polygenic Risk Score for Hand Grip Strength Predicts Muscle Strength and Proximal and Distal Functional Outcomes among Older Women. Medicine and Science in Sports and Exercise, 2022, 54, 1889-1896.	0.2	1
491	Association between timed up and go test and future incidence of disability: A nationwide representative longitudinal study in Korea. PLoS ONE, 2022, 17, e0270808.	1.1	0
492	Muscular Strength in Risk Factors for Cardiovascular Disease and Mortality: A Narrative Review. Anatolian Journal of Cardiology, 2022, 26, 598-607.	0.5	4
493	Transcatheter aortic valve implantation and frailty. Cardiovascular Intervention and Therapeutics, 2022, 37, 626-634.	1.2	4
494	Prescription of Resistance Training for Sarcopenic Older Adults: Does it Require Specific Attention?. Ageing Research Reviews, 2022, , 101720.	5.0	6
495	Low muscle mass, low muscle function, and sarcopenia in the urban and rural elderly. Scientific Reports, 2022, 12, .	1.6	4
496	Protein intake and physical function in older adults: A systematic review and meta-analysis. Ageing Research Reviews, 2022, 81, 101731.	5.0	19

#	Article	IF	Citations
497	Self-Organizing Maps to Multidimensionally Characterize Physical Profiles in Older Adults. International Journal of Environmental Research and Public Health, 2022, 19, 12412.	1.2	0
498	Muscular Strength and Carotid Intimaâ€“Media Thickness in Physically Fit Young Adults: The CHIEF Atherosclerosis Study. Journal of Clinical Medicine, 2022, 11, 5462.	1.0	6
499	Children with Low Handgrip Strength: A Narrative Review of Possible Exercise Strategies to Improve Its Development. Children, 2022, 9, 1616.	0.6	10
500	Understanding cognitive decline in older ages: The role of health shocks. European Economic Review, 2023, 151, 104320.	1.2	0
501	A Novel Dynamometer: The Gripwise. Lecture Notes in Networks and Systems, 2023, , 3-11.	0.5	0
502	The hand grip training device: A new therapeutic option in arteriovenous fistula maturation. Journal of Vascular Access, 2024, 25, 584-591.	0.5	0
503	Toe Grip strength declines earlier than hand grip strength and knee extension strength in communityâ€dwelling older men: a cross sectional study. Journal of Foot and Ankle Research, 2022, 15, .	0.7	3
504	Correlates of functional physical capacity in physically active older adults: a conceptual-framework-based cross-sectional analysis of social determinants of health and clinical parameters. Aging Clinical and Experimental Research, 2023, 35, 127-136.	1.4	2
506	Sexual Function, Physical Activity, Mean Amplitudes and Maximal Voluntary Contraction of Pelvic Floor Muscles Are Related to Handgrip Strength: A Cross-Sectional Study. Healthcare (Switzerland), 2023, 11, 129.	1.0	0
507	Upper extremity weakness: A novel risk factor for non-cardiovascular mortality among community-dwelling older adults. Archives of Gerontology and Geriatrics, 2023, 112, 105021.	1.4	3
508	In-person and virtual assessment of Short Physical Performance Battery test in older adults with myeloid malignancies. Blood Advances, 0, , .	2.5	0
509	Adherence to the Mediterranean Diet Related to the Health Related and Well-Being Outcomes of European Mature Adults and Elderly, with an Additional Reference to Croatia. International Journal of Environmental Research and Public Health, 2023, 20, 4893.	1.2	2
510	Relationships among Grip Strength Measurement, Response Time, and Frailty Criteria. Journal of Frailty & Aging,the, 0, , .	0.8	0
511	Study design and methods for the pilot study of muscadine grape extract supplement to improve fatigue among older adult cancer survivors (FOCUS) trial. Journal of Geriatric Oncology, 2023, , 101478.	0.5	0
512	Handgrip force and bite force in dentulous and edentulous individuals. Journal of Oral Rehabilitation, 2023, 50, 664-670.	1.3	1