

Grip Strength Testing Reliability

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Variability of grip strength during isometric contraction. <i>Ergonomics</i> , 1995, 38, 1819-1830.	1.1	51
2	Methods for Measuring Maximal Isometric Grip Strength during Short and Sustained Contractions, Including Intra-rater Reliability. <i>Upsala Journal of Medical Sciences</i> , 1996, 101, 273-285.	0.4	24
3	Rapid Relief Of A Painful, Long-Standing Posttraumatic Digital Neuroma Treated By Transcutaneous Vibratory Stimulation (TVS). <i>Journal of Hand Therapy</i> , 1996, 9, 47-51.	0.7	12
4	Effect of work glove and type of muscle action on grip fatigue. <i>Ergonomics</i> , 1997, 40, 601-612.	1.1	34
5	Cervical radiculopathy: Pain, muscle weakness and sensory loss in patients with cervical radiculopathy treated with surgery, physiotherapy or cervical collar A prospective, controlled study. <i>European Spine Journal</i> , 1997, 6, 256-266.	1.0	123
6	Review of sincerity of effort testing. <i>Safety Science</i> , 1997, 25, 237-245.	2.6	18
7	Burden of proof in detection of submaximal effort. <i>Work</i> , 1998, 10, 63-70.	0.6	0
8	Luteinizing Hormone and Different Genetic Variants, as Indicators of Frailty in Healthy Elderly Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 1334-1339.	1.8	47
9	Normalized Forces and Active Range of Motion in Unilateral Radial Epicondylalgia (Tennis Elbow). <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1999, 29, 668-676.	1.7	16
10	Handgrip strength testing: A review of the literature. <i>Australian Occupational Therapy Journal</i> , 1999, 46, 120-140.	0.6	362
11	When is a change a genuine change?. <i>Journal of Hand Therapy</i> , 1999, 12, 25-30.	0.7	77
12	Maximum grip strength in normal subjects from 20 to 64 years of age. <i>Journal of Hand Therapy</i> , 1999, 12, 193-200.	0.7	156
13	Measures of Bioavailable Serum Testosterone and Estradiol and Their Relationships with Muscle Strength, Bone Density, and Body Composition in Elderly Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3276-3282.	1.8	200
14	Measures of Bioavailable Serum Testosterone and Estradiol and Their Relationships with Muscle Strength, Bone Density, and Body Composition in Elderly Men*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 3276-3282.	1.8	509
15	PHYSICAL PERFORMANCE AND HEALTH-RELATED QUALITY OF LIFE IN MEN ON A LIVER TRANSPLANTATION WAITING LIST. <i>Journal of Rehabilitation Medicine</i> , 2001, 33, 260-265.	0.8	46
16	INTRA- AND INTER-TESTER RELIABILITY AND REFERENCE VALUES FOR HAND STRENGTH. <i>Journal of Rehabilitation Medicine</i> , 2001, 33, 36-41.	0.8	303
17	Physical Therapy Intervention Following Surgical Treatment of Carpal Tunnel Syndrome in an Individual With a History of Postmastectomy Lymphedema. <i>Physical Therapy</i> , 2002, 82, 1009-1016.	1.1	38
18	Functional handgrip test to determine the coefficient of static friction at the hand/handle interface. <i>Ergonomics</i> , 2002, 45, 717-731.	1.1	17

#	ARTICLE	IF	CITATIONS
19	Assessment following Hand Trauma: A Review of some Commonly Employed Methods. <i>Hand Therapy</i> , 2002, 7, 79-84.	0.2	12
20	Simultaneous bilateral testing: Validation of a new protocol to detect insincere effort during grip and pinch strength testing. <i>Journal of Hand Therapy</i> , 2002, 15, 242-250.	0.7	9
21	Evidence-based clinical practice guidelines for acute pancreatitis: proposals. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2002, 9, 413-422.	2.0	72
22	Predictors for return to work in patients with median and ulnar nerve injuries. <i>Journal of Hand Surgery</i> , 2003, 28, 28-34.	0.7	116
23	Use of Mental Imagery to Limit Strength Loss after Immobilization. <i>Journal of Sport Rehabilitation</i> , 2003, 12, 249-258.	0.4	34
24	TEST-RETEST INTRA-RATER RELIABILITY OF GRIP FORCE IN PATIENTS WITH STROKE. <i>Journal of Rehabilitation Medicine</i> , 2003, 35, 189-194.	0.8	46
25	Measurement Error in Grip and Pinch Force Measurements in Patients With Hand Injuries. <i>Physical Therapy</i> , 2003, 83, 806-815.	1.1	116
26	The effect of a forearm/hand splint compared with an elbow band as a treatment for lateral epicondylitis. <i>Prosthetics and Orthotics International</i> , 2004, 28, 183-189.	0.5	43
27	Average versus Maximum Grip Strength: Which is more Consistent?. <i>Journal of Hand Surgery</i> , 2004, 29, 82-84.	0.9	133
28	Standardized Finger-Nose Test Validity for Coordination Assessment in an Ataxic Disorder. <i>Canadian Journal of Neurological Sciences</i> , 2004, 31, 484-489.	0.3	38
29	Intra- and inter-instrument reliability of Grip-Strength Measurements: GripTrack [®] and Jamar [®] hand dynamometers. <i>Hand Therapy</i> , 2005, 10, 47-55.	0.2	29
30	Spaghetti Wrist Trauma: Functional Recovery, Return to Work, and Psychological Effects. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 1609-1617.	0.7	37
31	Long-Term Effectiveness of Extracorporeal Shockwave Therapy in the Treatment of Previously Untreated Lateral Epicondylitis. <i>Clinical Journal of Sport Medicine</i> , 2005, 15, 305-312.	0.9	35
32	Physical training in institutionalized elderly people with multiple diagnoses—a controlled pilot study. <i>Archives of Gerontology and Geriatrics</i> , 2005, 40, 29-44.	1.4	29
33	Association Between Parkinson's Disease and Low Bone Density and Falls in Older Men: The Osteoporotic Fractures in Men Study. <i>Journal of the American Geriatrics Society</i> , 2005, 53, 1559-1564.	1.3	79
34	Reliability of physical functioning measures in ambulatory subjects with MS. <i>Physiotherapy Research International</i> , 2005, 10, 93-109.	0.7	140
35	An investigation of hand dominance, average versus maximum grip strength, body mass index and ages as determinants for hand evaluation. <i>Isokinetics and Exercise Science</i> , 2005, 13, 223-227.	0.2	14
36	Thyroid Hormone Concentrations, Disease, Physical Function, and Mortality in Elderly Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6403-6409.	1.8	242

#	ARTICLE	IF	CITATIONS
37	Management of a Patient With an Isolated Greater Tuberosity Fracture and Rotator Cuff Tear. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2005, 35, 521-530.	1.7	12
38	A Polymorphism in Type I Deiodinase Is Associated with Circulating Free Insulin-Like Growth Factor I Levels and Body Composition in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 256-263.	1.8	50
39	The Immediate Effects of Manual Massage on Power-Grip Performance After Maximal Exercise in Healthy Adults. <i>Journal of Alternative and Complementary Medicine</i> , 2005, 11, 1093-1101.	2.1	32
40	Measurement of Health Outcomes Following Tendon and Nerve Repair. <i>Journal of Hand Therapy</i> , 2005, 18, 297-312.	0.7	124
41	Reliability and Validity of the DynEx Dynamometer. <i>Journal of Hand Therapy</i> , 2005, 18, 339-347.	0.7	121
42	The Short-Term Reliability of Grip Strength Measurement and the Effects of Posture and Grip Span. <i>Journal of Hand Surgery</i> , 2005, 30, 603-609.	0.7	115
43	The Reliability of One vs. Three Grip Trials in Symptomatic and Asymptomatic Subjects. <i>Journal of Hand Therapy</i> , 2006, 19, 318-327.	0.7	128
44	Double blind randomized placebo-controlled trial on the effects of testosterone supplementation in elderly men with moderate to low testosterone levels: design and baseline characteristics [ISRCTN23688581]. <i>Trials</i> , 2006, 7, 24.	0.7	6
45	AEROBIC CAPACITY, MUSCLE STRENGTH AND HEALTH-RELATED QUALITY OF LIFE BEFORE AND AFTER ORTHOTOPIC LIVER TRANSPLANTATION: PRELIMINARY DATA OF AN AUSTRIAN TRANSPLANTATION CENTRE. <i>Journal of Rehabilitation Medicine</i> , 2006, 38, 322-328.	0.8	40
46	Differences In Dominant And Non-Dominant Handgrip Strength Of Male Golf Professionals Measured Using The Jamar Dynamometer. <i>Hand Therapy</i> , 2007, 12, 112-116.	0.2	2
47	Strength and fatigability of selected muscles in upper limb: Assessing muscle imbalance relevant to tennis elbow. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 428-436.	0.7	42
48	Detecting Submaximal Effort in Power Grip by Observation of the Strength Distribution Pattern. <i>Journal of Hand Surgery: European Volume</i> , 2007, 32, 677-683.	0.5	15
49	Association of Parkinson's disease with accelerated bone loss, fractures and mortality in older men: the Osteoporotic Fractures in Men (MrOS) study. <i>Osteoporosis International</i> , 2008, 19, 1277-1282.	1.3	62
50	Grip strength in children: Test-retest reliability using Grippit. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 1226-1231.	0.7	24
51	Changes in Impairment and Function after Static Progressive Splinting for Stiffness After Distal Radius Fracture. <i>Journal of Hand Therapy</i> , 2008, 21, 319-325.	0.7	19
52	Muscle strength in the Mataron aging study participants and its relationship to successful aging. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 439-446.	1.4	18
53	Tolerance of Upper Extremity Pneumatic Tourniquets and their Effect on Grip Strength. <i>Journal of Hand Surgery: European Volume</i> , 2008, 33, 266-271.	0.5	19
54	Effect of Testosterone Supplementation on Functional Mobility, Cognition, and Other Parameters in Older Men. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 39-52.	3.8	432

#	ARTICLE	IF	CITATIONS
55	Analysis of Grip and Pinch Strength in Korean People. The Journal of the Korean Orthopaedic Association, 2009, 44, 219.	0.0	23
56	A Wrist and Finger Force Sensor Module for Use During Movements of the Upper Limb in Chronic Hemiparetic Stroke. IEEE Transactions on Biomedical Engineering, 2009, 56, 2312-2317.	2.5	30
57	What Are the Best Diagnostic Criteria for Lateral Epicondylitis?. , 2009, , 148-157.		5
58	A comparative study of the Jamar® and the Grippit® for measuring handgrip strength in clinical practice. Isokinetics and Exercise Science, 2009, 17, 85-91.	0.2	17
59	Bone and mineral metabolism in older adults with Parkinson's disease. Age and Ageing, 2009, 38, 675-680.	0.7	90
60	A Retrospective Pilot Study Comparing the Number of Therapy Visits Required to Regain Functional Wrist and Forearm Range of Motion following Volar Plating of a Distal Radius Fracture. Journal of Hand Therapy, 2009, 22, 312-319.	0.7	33
61	Osteoporosis and congestive heart failure (CHF) in the elderly patient: Double disease burden. Archives of Gerontology and Geriatrics, 2009, 49, 250-254.	1.4	43
62	Static progressive splinting to improve wrist stiffness after distal radius fracture: A prospective, case series study. Physiotherapy Theory and Practice, 2009, 25, 297-309.	0.6	22
63	Age- and Gender-Specific Normative Data of Grip and Pinch Strength in a Healthy Adult Swiss Population. Journal of Hand Surgery: European Volume, 2009, 34, 76-84.	0.5	189
64	The Reliability of One vs. Three Trials of Pain-free Grip Strength in Subjects with Rheumatoid Arthritis. Journal of Hand Therapy, 2010, 23, 384-391.	0.7	28
65	Correlates of trabecular and cortical volumetric bone mineral density at the femoral neck and lumbar spine: The osteoporotic fractures in men study (MrOS). Journal of Bone and Mineral Research, 2010, 25, 1958-1971.	3.1	51
66	Simultaneous bilateral hand strength testing in a client population, Part I: Diagnostic, observational and subjective complaint correlates to consistency of effort. Work, 2010, 37, 309-320.	0.6	7
67	An isometric hand tester: quantifying motor function in the hand. Journal of Hand Surgery: European Volume, 2010, 35, 486-493.	0.5	4
69	Evaluating the Feasibility and Intercorrelation of Measurements on the Functioning of Residents Living in Scandinavian Nursing Homes. Physical and Occupational Therapy in Geriatrics, 2010, 28, 154-169.	0.2	11
70	The secular trend for grip strength in Canada and the United States. Journal of Sports Sciences, 2011, 29, 599-606.	1.0	22
71	Functional level, physical activity and wellbeing in nursing home residents in three Nordic countries. Aging Clinical and Experimental Research, 2011, 23, 413-420.	1.4	27
72	Ageing phenotype and its relationship with IGF-I gene promoter polymorphisms in elderly people living in Catalonia. Growth Hormone and IGF Research, 2011, 21, 174-180.	0.5	13
73	Normative Data on Hand Grip Strength. Journal of Novel Physiotherapies, 2011, 01, .	0.1	4

#	ARTICLE	IF	CITATIONS
74	Medida da força de preensão manual- validade e confiabilidade do dinamômetro saehan. Fisioterapia E Pesquisa, 2011, 18, 176-181.	0.3	77
75	Relations of Meeting National Public Health Recommendations for Muscular Strengthening Activities With Strength, Body Composition, and Obesity: The Women's Injury Study. American Journal of Public Health, 2011, 101, 1930-1935.	1.5	17
76	Relative reliability of three objective tests of limb muscle strength. Isokinetics and Exercise Science, 2011, 19, 77-81.	0.2	34
78	A Test Case: Does the Availability of Visual Feedback Impact Grip Strength Scores When Using a Digital Dynamometer?. Journal of Hand Therapy, 2011, 24, 266-276.	0.7	20
79	Implementation of Structured Physical Activity in the Pediatric Stem Cell Transplantation. Klinische Padiatrie, 2011, 223, 147-151.	0.2	65
80	Clinical Implications for Muscle Strength Differences in Women of Different Age and Racial Groups. Journal of Women's Health Physical Therapy, 2011, 35, 11-18.	0.5	6
81	Handgrip Maximal Voluntary Isometric Contraction Does Not Correlate with Thenar Motor Unit Number Estimation. Neurology Research International, 2012, 2012, 1-5.	0.5	5
82	Physical effect of work on healthy individuals: Implications for FCE testing. Work, 2012, 42, 233-239.	0.6	4
83	Test-retest reliability of computerised hand dynamometry in adults with acquired brain injury. Australian Occupational Therapy Journal, 2012, 59, 319-327.	0.6	7
84	Flexor digitorum superficialis opposition tendon transfer improves hand function in children with Charcot-Marie-Tooth disease: Case series. Neuromuscular Disorders, 2012, 22, 1090-1095.	0.3	11
85	High IGFBP2 levels are not only associated with a better metabolic risk profile but also with increased mortality in elderly men. European Journal of Endocrinology, 2012, 167, 111-117.	1.9	25
86	Grip strength is strongly associated with height, weight and gender in childhood: a cross sectional study of 2241 children and adolescents providing reference values. Journal of Physiotherapy, 2013, 59, 255-261.	0.7	110
87	Variation in work tasks in relation to pinch grip strength among middle-aged female dentists. Applied Ergonomics, 2013, 44, 977-981.	1.7	8
88	Physical characteristics of experienced and junior open-wheel car drivers. Journal of Sports Sciences, 2013, 31, 58-65.	1.0	11
89	Effects of Individually Tailored Physical and Daily Activities in Nursing Home Residents on Activities of Daily Living, Physical Performance and Physical Activity Level: A Randomized Controlled Trial. Gerontology, 2013, 59, 220-229.	1.4	74
90	Reliability of Maximal Handgrip Strength Test in Pre-Pubertal and Pubertal Wrestlers. Pediatric Exercise Science, 2013, 25, 308-322.	0.5	16
91	The Role of the Statistical Method of Motor Unit Number Estimation (MUNE) to Assess the Potential Therapeutic Benefits of Riluzole on Patients with Pre-symptomatic Familial Amyotrophic Lateral Sclerosis. , 0, , .		0
92	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

#	ARTICLE	IF	CITATIONS
93	Human Centred Design Considerations for Connected Health Devices for the Older Adult. <i>Journal of Personalized Medicine</i> , 2014, 4, 245-281.	1.1	54
94	Testâ€“Retest Reliability and Minimal Detectable Change Scores for Fitness Assessment in Older Adults with Type 2 Diabetes. <i>Rehabilitation Nursing</i> , 2014, 39, 260-268.	0.3	47
95	Sensorimotor and Postural Control Factors Associated With Driving Safety in a Community-Dwelling Older Driver Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69A, 240-244.	1.7	37
96	Weak Grip Strength Does not Predict Upper Extremity Musculoskeletal Symptoms or Injuries Among New Workers. <i>Journal of Occupational Rehabilitation</i> , 2014, 24, 325-331.	1.2	18
97	Measuring Health-Related Physical Fitness in Physiotherapy Practice: Reliability, Validity, and Feasibility of Clinical Field Tests and a Patient-Reported Measure. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 206-216.	1.7	45
98	Health-Related Physical Fitness Measures: Reference Values and Reference Equations for Use in Clinical Practice. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 1366-1373.	0.5	102
99	Towards a comprehensive Functional Capacity Evaluation for hand function. <i>Applied Ergonomics</i> , 2014, 45, 686-692.	1.7	14
100	Reliability of Pinch Strength Testing in Elderly Subjects with Unilateral Thumb Carpometacarpal Osteoarthritis. <i>Journal of Physical Therapy Science</i> , 2014, 26, 993-995.	0.2	36
101	Dynapenic Obesity and Prevalence of Type 2 Diabetes in Middle-Aged Japanese Men. <i>Journal of Epidemiology</i> , 2015, 25, 656-662.	1.1	6
102	Effects of hyperthyroidism on hand grip strength and function. <i>Journal of Rehabilitation Research and Development</i> , 2015, 52, 663-668.	1.6	16
103	Reliability of Handgrip Strength Test in Elderly Subjects with Unilateral Thumb Carpometacarpal Osteoarthritis. <i>Hand</i> , 2015, 10, 205-209.	0.7	27
104	Reliability of maximal grip strength measurements and grip strength recovery following a stroke. <i>Journal of Hand Therapy</i> , 2015, 28, 356-363.	0.7	51
105	Remote limb ischemic conditioning enhances motor learning in healthy humans. <i>Journal of Neurophysiology</i> , 2015, 113, 3708-3719.	0.9	29
106	Association between Oxidative Stress and Frailty in an Elderly German Population: Results from the ESTHER Cohort Study. <i>Gerontology</i> , 2015, 61, 407-415.	1.4	83
107	Norms for hand grip strength in children aged 6â€“12 years in Saudi Arabia. <i>Developmental Neurorehabilitation</i> , 2015, 18, 59-64.	0.5	29
108	Determinants of pull strength in captive grey mouse lemurs. <i>Journal of Zoology</i> , 2016, 298, 77-81.	0.8	22
109	Screening for muscle wasting and dysfunction inÂpatients with chronic kidney disease. <i>Kidney International</i> , 2016, 90, 53-66.	2.6	199
110	Developing Drug Administration Devices for Geriatric Use. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2016, , 403-446.	0.2	0

#	ARTICLE	IF	CITATIONS
111	Prospective Study of Trajectories of Physical Performance and Mortality Among Community-Dwelling Older Japanese. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1492-1499.	1.7	45
112	Minimal Clinically Important Difference of Grip and Pinch Strength in Women With Thumb Carpometacarpal Osteoarthritis When Compared to Healthy Subjects. <i>Rehabilitation Nursing</i> , 2017, 42, 139-145.	0.3	52
113	Gait Performance Trajectories and Incident Disabling Dementia Among Community-Dwelling Older Japanese. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 192.e13-192.e20.	1.2	34
114	Assessment of maximal handgrip strength: how many attempts are needed?. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 466-474.	2.9	103
115	Static and Dynamic Handgrip Strength Endurance: Test-Retest Reproducibility. <i>Journal of Hand Surgery</i> , 2017, 42, e175-e184.	0.7	27
116	Supervised physical therapy vs home exercise program for patients with distal radius fracture: A single-blind randomized clinical study. <i>Journal of Hand Therapy</i> , 2017, 30, 242-252.	0.7	38
117	A Brief Review of Handgrip Strength and Sport Performance. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 3187-3217.	1.0	111
118	Functional assessment and quality of life in patients following replantation of the distal half of the forearm (except fingers): A review of 11 cases. <i>Hand Surgery and Rehabilitation</i> , 2017, 36, 261-267.	0.2	12
119	The Sternal Management Accelerated Recovery Trial (S.M.A.R.T) – standard restrictive versus an intervention of modified sternal precautions following cardiac surgery via median sternotomy: study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 290.	0.7	17
120	The Effects of Industrial Protective Gloves and Hand Skin Temperatures on Hand Grip Strength and Discomfort Rating. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1506.	1.2	18
121	Feasibility of higher intensity exercise in patients with chronic kidney disease. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 58, 127-134.	0.4	5
122	Grip strength feigning is hard to detect: an exploratory study. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 193-198.	0.5	3
123	A systematic review and meta-analysis of arthroscopic assisted techniques for thumb carpometacarpal joint osteoarthritis. <i>Journal of Hand Surgery: European Volume</i> , 2018, 43, 1098-1105.	0.5	28
124	The impact of finger position on pinch strength. <i>Hand Therapy</i> , 2018, 23, 70-76.	0.5	4
125	Physical function of elderly patients with multimorbidity upon acute hospital admission versus 3 weeks post-discharge. <i>Disability and Rehabilitation</i> , 2018, 40, 1280-1287.	0.9	13
126	Do Older Adults Who Meet 2008 Physical Activity Guidelines Have Better Physical Performance Than Those Who Do Not Meet?. <i>Journal of Geriatric Physical Therapy</i> , 2018, 41, 180-185.	0.6	15
127	Hand grip strength and dexterity function in children aged 6-12 years: A cross-sectional study. <i>Journal of Hand Therapy</i> , 2018, 31, 93-101.	0.7	27
129	Measurement of Uncertainty Using Standardized Protocol of Hand Grip Strength Measurement in Patients with Sarcopenia. <i>Journal of Bone Metabolism</i> , 2018, 25, 243.	0.5	14

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130	Physical performance measures in screening for reduced lean body mass in adult females with obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 917-921.	1.1	20
131	Comparison of psychometric properties between the Labin, a new electronic dynamometer, and the Jamar: Preliminary results in healthy subjects. <i>Hand Surgery and Rehabilitation</i> , 2019, 38, 293-297.	0.2	9
132	Potentials of Smart dynamometer use for clinical and self-management of rehabilitation in breast cancer survivors: a feasibility study. <i>Biomedical Engineering Letters</i> , 2019, 9, 211-219.	2.1	1
133	Dependence of grip strength on shoulder position and its implications for ergonomics practice. <i>Human Factors and Ergonomics in Manufacturing</i> , 2019, 29, 265-274.	1.4	4
134	CORP: Measurement of upper and lower limb muscle strength and voluntary activation. <i>Journal of Applied Physiology</i> , 2019, 126, 513-543.	1.2	49
135	Measurement Properties of the Hand Grip Strength Assessment: A Systematic Review With Meta-analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 553-565.	0.5	95
136	The development of a test battery to assess the hand-eye functions relevant in predicting easy and accurate tablet subdivision in older people: A pilot study. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 1969-1981.	1.1	9
137	Efficacy of physical therapy interventions for chronic lateral elbow tendinopathy: a systematic review. <i>Physical Therapy Reviews</i> , 2020, 25, 42-59.	0.3	5
138	Physical therapy for tendinopathy: An umbrella review of systematic reviews and meta-analyses. <i>Physical Therapy in Sport</i> , 2020, 46, 30-46.	0.8	17
139	Grip Strength Criterion Matters: Impact of Average Versus Maximum Handgrip Strength on Sarcopenia Prevalence and Predictive Validity for Low Physical Performance. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 1031-1035.	1.5	7
140	Grip Strength Criterion Matters: Impact of Average versus Maximum Handgrip Strength on Sarcopenia Prevalence and Predictive Validity for Low Physical Performance. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 1031-1035.	1.5	13
141	Standardized translated instruction versus spontaneously translated instruction: Test-retest and interrater reliability of the hand function test. <i>Journal of Hand Therapy</i> , 2020, 33, 553-561.	0.7	2
142	Does the number of trials affect the reliability of handgrip strength measurement in individuals with intellectual disabilities?. <i>Hand Surgery and Rehabilitation</i> , 2020, 39, 223-228.	0.2	1
143	Intrarater reliability test of the ISOmetric power device: A new instrument for assessment of isometric force in six directions of wrist motion. <i>Journal of Hand Therapy</i> , 2021, 34, 100-108.	0.7	0
144	Does skeletal muscle morphology or functional performance better explain variance in fast gait speed in older adults?. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 921-931.	1.4	13
145	Sirolimus Treatment in Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2021, 115, 29-40.	1.0	24
146	Analysis of hand-forearm anthropometric components in assessing handgrip and pinch strengths of school-aged children and adolescents: a partial least squares (PLS) approach. <i>BMC Pediatrics</i> , 2021, 21, 39.	0.7	11
147	Functional Training in Portuguese Firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, e169-e176.	0.9	4

#	ARTICLE	IF	CITATIONS
168	Comparison of the lower limbs muscular activity of toe grip and the toe-gripping strength in sitting upright position and the standing position. Japanese Journal of Health Promotion and Physical Therapy, 2013, 3, 11-14.	0.1	5
169	A Camera-Based System for Determining Hand Range of Movement Measurements in Rheumatoid Arthritis. Advances in Computational Intelligence and Robotics Book Series, 2015, , 39-59.	0.4	0
170	A Study on Factors Related to Grip and Pinch Strength among Estheticians. Han-guk Saneop Bogeon Hakoeji, 2015, 25, 554-565.	0.1	0
171	Module 3: Developing an Active Lifestyle. , 2018, , 75-88.		1
172	Reliability of measuring various contractile functions of finger flexors of men of various ages. FiziÄka Kultura, 2018, 72, 37-48.	0.1	3
173	Factors Affecting Reliability of Grip Strength Measurements in Middle Aged and Older Adults. HRB Open Research, 0, 3, 32.	0.3	1
174	Normative Hand Strength of Healthcare Industry Workers in Central Taiwan. International Journal of Environmental Research and Public Health, 2021, 18, 187.	1.2	4
175	Less-Affected Hand Function Is Associated With Independence in Daily Living: A Longitudinal Study Poststroke. Stroke, 2022, 53, 939-946.	1.0	7
176	Handgrip as a measure of muscle strength and its physiological dependence on therapeutic variables: A randomized case. Hand Surgery and Rehabilitation, 2022, 41, 31-36.	0.2	0
177	A COMPREHENSIVE REHABILITATION PROGRAM FOR TREATING LATERAL ELBOW TENDINOPATHY. International Journal of Sports Physical Therapy, 2019, 14, 818-829.	0.5	3
178	Does grip strength correlate with rotator cuff strength in patients with atraumatic shoulder instability?. Bulletin of Faculty of Physical Therapy, 2022, 27, .	0.2	2
179	Reliability of Field-Based Fitness Tests in Adults: A Systematic Review. Sports Medicine, 2022, 52, 1961-1979.	3.1	26
181	Grip strength, functional range and anthropometric dimensions, and indication on fulfilling occupations in the home and workplace: A cross-sectional study. British Journal of Occupational Therapy, 0, , 030802262210832.	0.5	0
182	Application of Nursing Intervention Based on Intelligent Grip Strength System in Patients with Tumor PICC: A Case-Control Study on Promoting Functional Exercise and Quality of Life. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-8.	0.7	3
183	Validity and reliability of handgrip dynamometry in older adults: A comparison of two widely used dynamometers. PLoS ONE, 2022, 17, e0270132.	1.1	19
184	Exercise and motivational text messaging to support physical activity behaviour change in a population with obstructive sleep apnoea: a feasibility study. Journal of Primary Health Care, 2022, 14, 318-325.	0.2	2
185	Relationships Between Physical Fitness Assessment Measures and a Workplace Task-Specific Physical Assessment Among Police Officers: A Retrospective Cohort Study. Journal of Strength and Conditioning Research, 2023, 37, 678-683.	1.0	0
186	Hand characteristics and functional abilities in predicting return to work in adult workers with traumatic hand injury. Work, 2022, , 1-9.	0.6	0

#	ARTICLE	IF	CITATIONS
187	Changes of sarcopenia case finding by different Asian Working Group for Sarcopenia in community indwelling middle-aged and old people. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	3
188	Rehabilitation of Post-COVID-19 Musculoskeletal Sequelae in Geriatric Patients: A Case Series Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15350.	1.2	7
190	Measures of Maximal Tactile Pressures during a Sustained Grasp Task Using a TactArray Device Have Satisfactory Reliability and Concurrent Validity in People with Stroke. <i>Sensors</i> , 2023, 23, 3291.	2.1	0
191	The added value of supervised hydrotherapy sessions to a 12-week exercise program after breast cancer treatment: a three-arm pseudo-randomized pilot study. <i>Balneo and PRM Research Journal</i> , 2023, 14, 540.	0.1	0