Carel G M Meskers

List of Publications by Year
in descending order

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162 papers	6,238 citations	70961 41 h-index	91712 69 g-index
162 all docs	162 docs citations	162 times ranked	7581 citing authors

#	Article	IF	Citations
1	Sarcopenia and its association with falls and fractures in older adults: A systematic review and metaâ€analysis. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 485-500.	2.9	507
2	Effects of Robot-Assisted Therapy for the Upper Limb After Stroke. Neurorehabilitation and Neural Repair, 2017, 31, 107-121.	1.4	398
3	Signalling pathways regulating muscle mass in ageing skeletal muscle. The role of the IGF1-Akt-mTOR-FoxO pathway. Biogerontology, 2013, 14, 303-323.	2.0	274
4	Guideline for diagnosis and treatment of subacromial pain syndrome. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 314-322.	1.2	270
5	Patterns of muscle strength loss with age in the general population and patients with a chronic inflammatory state. Ageing Research Reviews, 2010, 9, 431-436.	5.0	141
6	Effects of Unilateral Upper Limb Training in Two Distinct Prognostic Groups Early After Stroke. Neurorehabilitation and Neural Repair, 2016, 30, 804-816.	1.4	140
7	Predicting Upper Limb Motor Impairment Recovery after Stroke: A Mixture Model. Annals of Neurology, 2020, 87, 383-393.	2.8	119
8	Comparison between tripod and skin-fixed recording of scapular motion. Journal of Biomechanics, 2007, 40, 941-946.	0.9	113
9	The association of objectively measured physical activity and sedentary behavior with skeletal muscle strength and muscle power in older adults: A systematic review and meta-analysis. Ageing Research Reviews, 2021, 67, 101266.	5.0	111
10	Assessment of maximal handgrip strength: how many attempts are needed?. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 466-474.	2.9	103
11	Orthostatic Hypotension and Falls in Older Adults: A Systematic Review and Meta-analysis. Journal of the American Medical Directors Association, 2019, 20, 589-597.e5.	1.2	101
12	The relation between neuromechanical parameters and Ashworth score in stroke patients. Journal of NeuroEngineering and Rehabilitation, 2010, 7, 35.	2.4	89
13	Impaired standing balance: The clinical need for closing the loop. Neuroscience, 2014, 267, 157-165.	1.1	86
14	Change in muscle strength and muscle mass in older hospitalized patients: A systematic review and meta-analysis. Experimental Gerontology, 2017, 92, 34-41.	1.2	83
15	Handgrip Strength Cannot Be Assumed a Proxy for Overall Muscle Strength. Journal of the American Medical Directors Association, 2018, 19, 703-709.	1.2	82
16	The prevalence of malnutrition according to the new ESPEN definition in four diverse populations. Clinical Nutrition, 2016, 35, 758-762.	2.3	79
17	Temporal relationship between handgrip strength and cognitive performance in oldest old people. Age and Ageing, 2012, 41, 506-512.	0.7	77
18	Circulating levels of adipokines and IGF-1 are associated with skeletal muscle strength of young and old healthy subjects. Biogerontology, 2013, 14, 261-272.	2.0	75

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19	Gait speed assessed by a 4-m walk test is not representative of daily-life gait speed in community-dwelling adults. Maturitas, 2019, 121, 28-34.	1.0	75
20	The Impact of Different Diagnostic Criteria on the Prevalence of Sarcopenia in Healthy Elderly Participants and Geriatric Outpatients. Gerontology, 2015, 61, 491-496.	1.4	71
21	Chronology of age-related disease definitions: Osteoporosis and sarcopenia. Ageing Research Reviews, 2012, 11, 320-324.	5.0	67
22	Common Ground? The Concordance of Sarcopenia and Frailty Definitions. Journal of the American Medical Directors Association, 2016, 17, 371.e7-371.e12.	1.2	67
23	Lack of knowledge and availability of diagnostic equipment could hinder the diagnosis of sarcopenia and its management. PLoS ONE, 2017, 12, e0185837.	1.1	65
24	Muscle mass and muscle strength are associated with pre- and post-hospitalization falls in older male inpatients: a longitudinal cohort study. BMC Geriatrics, 2018, 18, 116.	1.1	63
25	Effectiveness of Botulinum Toxin Treatment for Upper Limb Spasticity Poststroke Over Different ICF Domains: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1703-1725.	0.5	59
26	Diagnostic measures for sarcopenia and bone mineral density. Osteoporosis International, 2013, 24, 2681-2691.	1.3	58
27	Short-Term Effects of Cerebellar tDCS on Standing Balance Performance in Patients with Chronic Stroke and Healthy Age-Matched Elderly. Cerebellum, 2018, 17, 575-589.	1.4	56
28	Changes in sensory reweighting of proprioceptive information during standing balance with age and disease. Journal of Neurophysiology, 2015, 114, 3220-3233.	0.9	55
29	High risk of malnutrition is associated with low muscle mass in older hospitalized patients - a prospective cohort study. BMC Geriatrics, 2017, 17, 118.	1.1	55
30	Impact of early applied upper limb stimulation: The EXPLICIT-stroke programme design. BMC Neurology, 2008, 8, 49.	0.8	54
31	Plantarflexor Muscleâ€“Tendon Properties are Associated With Mobility in Healthy Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 996-1002.	1.7	54
32	Impact of using the updated EWGSOP2 definition in diagnosing sarcopenia: A clinical perspective. Archives of Gerontology and Geriatrics, 2020, 90, 104125.	1.4	53
33	Kinematics of the contralateral and ipsilateral shoulder: A possible relationship with post-stroke shoulder pain. Journal of Rehabilitation Medicine, 2008, 40, 482-486.	0.8	52
34	Muscle Strength Rather Than Muscle Mass Is Associated With Standing Balance in Elderly Outpatients. Journal of the American Medical Directors Association, 2013, 14, 493-498.	1.2	51
35	Circulating levels of IGF1 are associated with muscle strength in middle-aged- and oldest-old women. European Journal of Endocrinology, 2011, 164, 189-196.	1.9	50
36	Physiological and functional evaluation of healthy young and older men and women: design of the European MyoAge study. Biogerontology, 2013, 14, 325-337.	2.0	50

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37	The Association between Parameters of Malnutrition and Diagnostic Measures of Sarcopenia in Geriatric Outpatients. PLoS ONE, 2015, 10, e0135933.	1.1	50
38	The monosynaptic Ia afferent pathway can largely explain the stretch duration effect of the long latency M2 response. Experimental Brain Research, 2009, 193, 491-500.	0.7	48
39	Kinematic Alterations in the Ipsilateral Shoulder of Patients with Hemiplegia Due to Stroke. American Journal of Physical Medicine and Rehabilitation, 2005, 84, 97-105.	0.7	47
40	Association between osteocalcin and cognitive performance in healthy older adults. Age and Ageing, 2016, 45, 844-849.	0.7	46
41	Differentiation between non-neural and neural contributors to ankle joint stiffness in cerebral palsy. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 81.	2.4	45
42	Objectively assessed physical activity and sedentary behavior and global cognitive function in older adults: a systematic review. Mechanisms of Ageing and Development, 2021, 198, 111524.	2.2	45
43	Moving stroke rehabilitation forward: The need to change research. NeuroRehabilitation, 2018, 43, 19-30.	0.5	42
44	Validity of Nutritional Screening Tools for Community-Dwelling Older Adults: A Systematic Review and Meta-Analysis. Journal of the American Medical Directors Association, 2019, 20, 1351.e13-1351.e25.	1.2	42
45	Isometric shoulder muscle activation patterns for 3-D planar forces: A methodology for musculo-skeletal model validation. Clinical Biomechanics, 2004, 19, 790-800.	0.5	41
46	Reliability of force direction dependent EMG parameters of shoulder muscles for clinical measurements. Clinical Biomechanics, 2004, 19, 913-920.	0.5	38
47	Teres major muscle activation relates to clinical outcome in tendon transfer surgery. Clinical Biomechanics, 2010, 25, 187-193.	0.5	38
48	Impaired Standing Balance in Elderly: A New Engineering Method Helps to Unravel Causes and Effects. Journal of the American Medical Directors Association, 2014, 15, 227.e1-227.e6.	1.2	38
49	How does upper extremity Fugl-Meyer motor score relate to resting-state EEG in chronic stroke? A power spectral density analysis. Clinical Neurophysiology, 2019, 130, 856-862.	0.7	38
50	Orthostatic hypotension and physical functioning in older adults: A systematic review and meta-analysis. Ageing Research Reviews, 2018, 48, 122-144.	5.0	37
51	Association of Handgrip Strength and Muscle Mass with Dependency in (Instrumental) Activities of Daily Living in Hospitalized Older Adults -The EMPOWER Study. Journal of Nutrition, Health and Aging, 2019, 23, 232-238.	1.5	37
52	Assessing Longitudinal Change in Coordination of the Paretic Upper Limb Using On-Site 3-Dimensional Kinematic Measurements. Physical Therapy, 2012, 92, 142-151.	1.1	36
53	Poor motor function is associated with reduced sensory processing after stroke. Experimental Brain Research, 2015, 233, 1339-1349.	0.7	36
54	Is Recovery of Somatosensory Impairment Conditional for Upper-Limb Motor Recovery Early After Stroke?. Neurorehabilitation and Neural Repair, 2020, 34, 403-416.	1.4	36

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55	Pathophysiological mechanisms explaining poor clinical outcome of older cancer patients with low skeletal muscle mass. Acta Physiologica, 2021, 231, e13516.	1.8	36
56	Age-Related DNA Methylation Changes: Potential Impact on Skeletal Muscle Aging in Humans. Frontiers in Physiology, 2019, 10, 996.	1.3	35
57	Temporal Relationship Between Cognitive and Physical Performance in Middle-Aged to Oldest Old People. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw133.	1.7	32
58	Optical Hand Tracking: A Novel Technique for the Assessment of Bradykinesia in Parkinson's Disease. Movement Disorders Clinical Practice, 2017, 4, 875-883.	0.8	32
59	Knee extension strength measurements should be considered as part of the comprehensive geriatric assessment. BMC Geriatrics, 2018, 18, 130.	1.1	32
60	Erythrocyte sedimentation rate and albumin as markers of inflammation are associated with measures of sarcopenia: a cross-sectional study. BMC Geriatrics, 2019, 19, 233.	1.1	32
61	Muscle Strength and Muscle Mass in Older Patients during Hospitalization: The EMPOWER Study. Gerontology, 2017, 63, 507-514.	1.4	31
62	The validity and reliability of modelled neural and tissue properties of the ankle muscles in children with cerebral palsy. Gait and Posture, 2015, 42, 7-15.	0.6	30
63	Lower Cognitive Function in Older Patients with Lower Muscle Strength and Muscle Mass. Dementia and Geriatric Cognitive Disorders, 2018, 45, 243-250.	0.7	30
64	Malnutrition is associated with dynamic physical performance. Aging Clinical and Experimental Research, 2020, 32, 1085-1092.	1.4	30
65	Blood Pressure Associates with Standing Balance in Elderly Outpatients. PLoS ONE, 2014, 9, e106808.	1.1	29
66	Prevalence of sarcopenia in inpatients 70 years and older using different diagnostic criteria. Nursing Open, 2019, 6, 377-383.	1.1	29
67	Sarcopenia, Low Handgrip Strength, and Low Absolute Muscle Mass Predict Long-Term Mortality in Older Hospitalized Patients: An Observational Inception Cohort Study. Journal of the American Medical Directors Association, 2021, 22, 816-820.e2.	1.2	29
68	Walking speed in elderly outpatients depends on the assessment method. Age, 2014, 36, 9736.	3.0	28
69	The relation between increased deltoid activation and adductor muscle activation due to glenohumeral cuff tears. Journal of Biomechanics, 2010, 43, 2049-2054.	0.9	27
70	Age-Related Differences in Quality of Standing Balance Using a Composite Score. Gerontology, 2014, 60, 306-314.	1.4	27
71	Circulating levels of dickkopf-1, osteoprotegerin and sclerostin are higher in old compared with young men and women and positively associated with whole-body bone mineral density in older adults. Osteoporosis International, 2017, 28, 2683-2689.	1.3	27
72	Effects of robotic therapy of the arm after stroke. Lancet Neurology, The, 2014, 13, 132-133.	4.9	26

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73	Adaptation of multijoint coordination during standing balance in healthy young and healthy old individuals. Journal of Neurophysiology, 2016, 115, 1422-1435.	0.9	26
74	Sensitivity and reliability of cerebral oxygenation responses to postural changes measured with near-infrared spectroscopy. European Journal of Applied Physiology, 2019, 119, 1117-1125.	1.2	25
75	Lower Skeletal Muscle Mass at Admission Independently Predicts Falls and Mortality 3 Months Post-discharge in Hospitalized Older Patients. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1650-1656.	1.7	25
76	Current knowledge and practice of Australian and New Zealand healthâ€care professionals in sarcopenia diagnosis and treatment: Time to move forward!. Australasian Journal on Ageing, 2020, 39, e185-e193.	0.4	25
77	Computerised patient-specific prediction of the recovery profile of upper limb capacity within stroke services: the next step. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 574-581.	0.9	25
78	Familial Longevity Is Marked by Better Cognitive Performance at Middle Age: The Leiden Longevity Study. PLoS ONE, 2013, 8, e57962.	1.1	24
79	Rapid Systolic Blood Pressure Changes After Standing Up Associate With Impaired Physical Performance in Geriatric Outpatients. Journal of the American Heart Association, 2018, 7, e010060.	1.6	24
80	Cognitiveâ€motor interference during goalâ€directed upperâ€limb movements. European Journal of Neuroscience, 2018, 48, 3146-3158.	1.2	24
81	Short range stiffness elastic limit depends on joint velocity. Journal of Biomechanics, 2011, 44, 2106-2112.	0.9	22
82	Estimation of tissue stiffness, reflex activity, optimal muscle length and slack length in stroke patients using an electromyography driven antagonistic wrist model. Clinical Biomechanics, 2016, 35, 93-101.	0.5	22
83	Is Resting-State EEG Longitudinally Associated With Recovery of Clinical Neurological Impairments Early Poststroke? A Prospective Cohort Study. Neurorehabilitation and Neural Repair, 2020, 34, 389-402.	1.4	22
84	Muscle weakness and lack of reflex gain adaptation predominate during post-stroke posture control of the wrist. Journal of NeuroEngineering and Rehabilitation, 2009, 6, 29.	2.4	21
85	Reduced elbow mobility affects the flexion or extension domain in activities of daily living. Clinical Biomechanics, 2011, 26, 713-717.	0.5	21
86	Instrumented measures of sedentary behaviour and physical activity are associated with mortality in community-dwelling older adults: A systematic review, meta-analysis and meta-regression analysis. Ageing Research Reviews, 2020, 61, 101061.	5.0	21
87	Cerebral Microbleeds and Lacunar Infarcts Are Associated with Walking Speed Independent of Cognitive Performance in Middle-Aged to Older Adults. Gerontology, 2016, 62, 500-507.	1.4	20
88	Smoothness metrics for reaching performance after stroke. Part 1: which one to choose?. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 154.	2.4	20
89	Standing Up Slowly Antagonises Initial Blood Pressure Decrease in Older Adults with Orthostatic Hypotension. Gerontology, 2017, 63, 137-143.	1.4	19
90	Dual-Task Walking in Challenging Environments in People with Stroke: Cognitive-Motor Interference and Task Prioritization. Stroke Research and Treatment, 2018, 2018, 1-8.	0.5	19

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91	Are early measured resting-state EEG parameters predictive for upper limb motor impairment six months poststroke?. Clinical Neurophysiology, 2021, 132, 56-62.	0.7	19
92	Quantifying Quality of Reaching Movements Longitudinally Post-Stroke: A Systematic Review. Neurorehabilitation and Neural Repair, 2022, 36, 183-207.	1.4	19
93	Low Cognitive Status Is Associated with a Lower Ability to Maintain Standing Balance in Elderly Outpatients. Gerontology, 2015, 61, 124-130.	1.4	18
94	Instrumented Assessment of Physical Activity Is Associated With Muscle Function but Not With Muscle Mass in a General Population. Journal of Aging and Health, 2018, 30, 1462-1481.	0.9	18
95	Blood Pressure Drop Rate After Standing Up Is Associated With Frailty and Number of Falls in Geriatric Outpatients. Journal of the American Heart Association, 2020, 9, e014688.	1.6	18
96	Predictors of metabolic syndrome in community-dwelling older adults. PLoS ONE, 2018, 13, e0206424.	1.1	17
97	Physical Activity and Nutrition INfluences In ageing (PANINI): consortium mission statement. Aging Clinical and Experimental Research, 2018, 30, 685-692.	1.4	17
98	Diminished Dynamic Physical Performance Is Associated With Orthostatic Hypotension in Geriatric Outpatients. Journal of Geriatric Physical Therapy, 2019, 42, E28-E34.	0.6	17
99	The size of the supraspinatus outlet during elevation of the arm in the frontal and sagittal plane: a 3-D model study. Clinical Biomechanics, 2002, 17, 257-266.	0.5	16
100	Tizanidine does not affect the linear relation of stretch duration to the long latency M2 response of m. flexor carpi radialis. Experimental Brain Research, 2010, 201, 681-688.	0.7	16
101	Botulinum toxin A for upper limb spasticity. Lancet Neurology, The, 2015, 14, 969-971.	4.9	16
102	Measurement Properties of the NeuroFlexor Device for Quantifying Neural and Non-neural Components of Wrist Hyper-Resistance in Chronic Stroke. Frontiers in Neurology, 2019, 10, 730.	1.1	16
103	Smoothness metric during reach-to-grasp after stroke: part 2. longitudinal association with motor impairment. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 144.	2.4	16
104	NeuroControl of movement: system identification approach for clinical benefit. Frontiers in Integrative Neuroscience, 2015, 9, 48.	1.0	15
105	Lack of Knowledge Contrasts the Willingness to Counteract Sarcopenia Among Community-Dwelling Adults. Journal of Aging and Health, 2020, 32, 787-794.	0.9	15
106	Clonus is explained from increased reflex gain and enlarged tissue viscoelasticity. Journal of Biomechanics, 2012, 45, 148-155.	0.9	14
107	The gap between clinical gaze and systematic assessment of movement disorders after stroke. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 61.	2.4	14
108	Every step counts: synthesising reviews associating objectively measured physical activity and sedentary behaviour with clinical outcomes in community-dwelling older adults. The Lancet Healthy Longevity, 2021, 2, e764-e772.	2.0	14

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109	Perturbation Amplitude Affects Linearly Estimated Neuromechanical Wrist Joint Properties. IEEE Transactions on Biomedical Engineering, 2014, 61, 1005-1014.	2.5	13
110	Stretch Evoked Potentials in Healthy Subjects and After Stroke: A Potential Measure for Proprioceptive Sensorimotor Function. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 643-654.	2.7	13
111	Early Shortening of Wrist Flexor Muscles Coincides With Poor Recovery After Stroke. Neurorehabilitation and Neural Repair, 2018, 32, 645-654.	1.4	13
112	Computed Tomography-Based Body Composition Is Not Consistently Associated with Outcome in Older Patients with Colorectal Cancer. Oncologist, 2020, 25, e492-e501.	1.9	13
113	Muscle Measures and Nutritional Status at Hospital Admission Predict Survival and Independent Living of Older Patients - the EMPOWER Study. Journal of Frailty & Aging,the, 2017, 6, 161-166.	0.8	13
114	Comprehensive neuromechanical assessment in stroke patients: reliability and responsiveness of a protocol to measure neural and non-neural wrist properties. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 28.	2.4	12
115	Automatized, Standardized, and Patient-Tailored Progressive Walking-Adaptability Training: A Proof-of-Concept Study. Physical Therapy, 2019, 99, 882-892.	1.1	12
116	Pulse transit time as a proxy for vasoconstriction in younger and older adults. Experimental Gerontology, 2020, 135, 110938.	1.2	12
117	Is being malnourished according to the ESPEN definition for malnutrition associated with clinically relevant outcome measures in geriatric outpatients?. European Geriatric Medicine, 2018, 9, 389-394.	1.2	11
118	Acute inflammation is associated with lower muscle strength, muscle mass and functional dependency in male hospitalised older patients. PLoS ONE, 2019, 14, e0215097.	1.1	11
119	Time for the next stage of stroke recovery trials. Lancet Neurology, The, 2020, 19, 636-637.	4.9	11
120	Multimodal Monitoring of Cardiovascular Responses to Postural Changes. Frontiers in Physiology, 2020, 11, 168.	1.3	11
121	Clinical determinants of low handgrip strength and its decline in the oldest old: the Leiden 85-plus Study. Aging Clinical and Experimental Research, 2021, 33, 1307-1313.	1.4	11
122	Objectively measured arm use in daily life improves during the first 6Âmonths poststroke: a longitudinal observational cohort study. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 51.	2.4	11
123	Can anthropometric measures be used as proxies for body composition and physical function in geriatric outpatients?. Archives of Gerontology and Geriatrics, 2021, 94, 104379.	1.4	11
124	Force control in the absence of visual and tactile feedback. Experimental Brain Research, 2013, 224, 635-645.	0.7	10
125	Prevalence of initial orthostatic hypotension in older adults: a systematic review and meta-analysis. Age and Ageing, 2021, 50, 1520-1528.	0.7	10
126	SINGLE PHYSICAL PERFORMANCE MEASURES CANNOT IDENTIFY GERIATRIC OUTPATIENTS WITH SARCOPENIA. Journal of Frailty & Aging,the, 2018, 7, 1-6.	0.8	9

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127	Cerebral autoregulation assessed by near-infrared spectroscopy: validation using transcranial Doppler in patients with controlled hypertension, cognitive impairment and controls. European Journal of Applied Physiology, 2021, 121, 2165-2176.	1.2	9
128	Nutrient Intake and Muscle Measures in Geriatric Outpatients. Journal of the American College of Nutrition, 2021, 40, 589-597.	1.1	9
129	Orthostatic blood pressure recovery associates with physical performance, frailty and number of falls in geriatric outpatients. Journal of Hypertension, 2021, 39, 101-106.	0.3	9
130	Geriatric Rehabilitation Inpatients Roam at Home! A Matched Cohort Study of Objectively Measured Physical Activity and Sedentary Behavior in Home-Based and Hospital-Based Settings. Journal of the American Medical Directors Association, 2021, 22, 2432-2439.e1.	1.2	8
131	Arm load magnitude affects selective shoulder muscle activation. Medical and Biological Engineering and Computing, 2009, 47, 565-572.	1.6	7
132	Position-Cortical Coherence as a Marker of Afferent Pathway Integrity Early Poststroke: A Prospective Cohort Study. Neurorehabilitation and Neural Repair, 2020, 34, 344-359.	1.4	7
133	Physio-Environmental Sensing and Live Modeling. Interactive Journal of Medical Research, 2013, 2, e3.	0.6	7
134	Determinants of orthostatic cerebral oxygenation assessed using near-infrared spectroscopy. Autonomic Neuroscience: Basic and Clinical, 2022, 238, 102942.	1.4	7
135	Blood pressure change does not associate with Center of Pressure movement after postural transition in geriatric outpatients. BMC Geriatrics, 2018, 18, 10.	1.1	6
136	The use of a portable metabolic monitoring device for measuring RMR in healthy adults. British Journal of Nutrition, 2020, 124, 1229-1240.	1.2	6
137	Initial orthostatic hypotension and orthostatic intolerance symptom prevalence in older adults: A systematic review. International Journal of Cardiology: Hypertension, 2021, 8, 100071.	2.2	6
138	Reliability of System Identification Techniques to Assess Standing Balance in Healthy Elderly. PLoS ONE, 2016, 11, e0151012.	1.1	6
139	Determination of pathological clonus characteristics using a haptic ankle manipulator. , 2007, , .		5
140	Manipulation of visual information affects control strategy during a visuomotor tracking task. Behavioural Brain Research, 2017, 329, 205-214.	1.2	5
141	Inadequate energy and protein intake in geriatric outpatients with mobility problems. Nutrition Research, 2020, 84, 33-41.	1.3	5
142	Determinants of instrumented sedentary and physical activity behavior in geriatric rehabilitation inpatients: RESORT. Experimental Gerontology, 2021, 154, 111524.	1.2	5
143	Spinal reflex properties in the long term after stroke. Journal of Electromyography and Kinesiology, 2012, 22, 234-242.	0.7	4
144	Time Course of Wrist Hyper-Resistance in Relation to Upper Limb Motor Recovery Early Post Stroke. Neurorehabilitation and Neural Repair, 2020, 34, 690-701.	1.4	4

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145	Automated recognition of functioning, activity and participation in COVID-19 from electronic patient records by natural language processing: a proof- of- concept. Annals of Medicine, 2022, 54, 235-243.	1.5	4
146	Combating sarcopenia in geriatric rehabilitation patients: study protocol of the EMPOWER-GR observational cohort, sarcopenia awareness survey and randomised controlled feasibility trial. BMJ Open, 2022, 12, e054950.	0.8	4
147	Assessing Standing Balance using MIMO Closed Loop System Identification Techniques. IFAC-PapersOnLine, 2015, 48, 1381-1385.	0.5	3
148	Quantifying neural and non-neural components of wrist hyper-resistance after stroke: Comparing two instrumented assessment methods. Medical Engineering and Physics, 2021, 98, 57-64.	0.8	3
149	Reduction of the Linear Reflex Gain Explained From the M1â€“M2 Refractory Period. IEEE Transactions on Biomedical Engineering, 2013, 60, 1721-1727.	2.5	2
150	Effect of calendar age on physical performance: A comparison of standard clinical measures with instrumented measures in middle-aged to older adults. Gait and Posture, 2016, 45, 12-18.	0.6	2
151	The effect of cerebellar transcranial direct current stimulation to improve standing balance performance early post-stroke, study protocol of a randomized controlled trial. International Journal of Stroke, 2019, 14, 650-657.	2.9	2
152	Loss of selective wrist muscle activation in post-stroke patients. Disability and Rehabilitation, 2020, 42, 779-787.	0.9	2
153	Clinical determinants of resting metabolic rate in geriatric outpatients. Archives of Gerontology and Geriatrics, 2020, 89, 104066.	1.4	2
154	The effect of botulinum toxinâ€A on neural and nonâ€neural components of wrist hyperâ€resistance in adults with stroke or cerebral palsy. PM and R, 2021, , .	0.9	2
155	Orthostatic Hypotension and Orthostatic Intolerance Symptoms in Geriatric Rehabilitation Inpatients, RESORT. Journal of the American Medical Directors Association, 2021, 22, 2468-2477.e2.	1.2	2
156	The Cortical Response Evoked by Robotic Wrist Perturbations Reflects Level of Proprioceptive Impairment After Stroke. Frontiers in Human Neuroscience, 2021, 15, 695366.	1.0	1
157	Albumin and C-reactive protein relate to functional and body composition parameters in patients admitted to geriatric rehabilitation after acute hospitalization: findings from the RESORT cohort. European Geriatric Medicine, 2022, , 1.	1.2	1
158	The Physical Activity and Nutritional INfluences in Ageing (PANINI) Toolkit: A Standardized Approach towards Physical Activity and Nutritional Assessment of Older Adults. Healthcare (Switzerland), 2022, 10, 1017.	1.0	1
159	Perturbation velocity affects linearly estimated neuromechanical wrist joint properties. Journal of Biomechanics, 2018, 74, 207-212.	0.9	0
160	Neural and nonâ€neural contributions to enhanced joint stiffness in children with cerebral palsy. Developmental Medicine and Child Neurology, 2020, 62, 1008-1008.	1.1	0
161	Orthostatic hypotension assessed by active standing is associated with worse cognition in geriatric rehabilitation inpatients, RESORT. Archives of Gerontology and Geriatrics, 2021, 96, 104482.	1.4	0
162	Feasibility of Diagnosing Initial Orthostatic Hypotension Using a Continuous Blood Pressure Device in Geriatric Rehabilitation Inpatients: RESORT. Gerontology, 2022, , 1-10.	1.4	0