

Carel G M Meskers

List of Publications by Year in descending order

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Version: 2024-02-01

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	Automated recognition of functioning, activity and participation in COVID-19 from electronic patient records by natural language processing: a proof-of-concept. <i>Annals of Medicine</i> , 2022, 54, 235-243.	1.5	4
2	Quantifying Quality of Reaching Movements Longitudinally Post-Stroke: A Systematic Review. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 183-207.	1.4	19
3	Feasibility of Diagnosing Initial Orthostatic Hypotension Using a Continuous Blood Pressure Device in Geriatric Rehabilitation Inpatients: RESORT. <i>Gerontology</i> , 2022, , 1-10.	1.4	0
4	Determinants of orthostatic cerebral oxygenation assessed using near-infrared spectroscopy. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022, 238, 102942.	1.4	7
5	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. <i>European Geriatric Medicine</i> , 2022, , 1.	1.2	1
6	Combating sarcopenia in geriatric rehabilitation patients: study protocol of the EMPOWER-GR observational cohort, sarcopenia awareness survey and randomised controlled feasibility trial. <i>BMJ Open</i> , 2022, 12, e054950.	0.8	4
7	The Physical Activity and Nutritional Influences in Ageing (PANINI) Toolkit: A Standardized Approach towards Physical Activity and Nutritional Assessment of Older Adults. <i>Healthcare (Switzerland)</i> , 2022, 10, 1017.	1.0	1
8	Pathophysiological mechanisms explaining poor clinical outcome of older cancer patients with low skeletal muscle mass. <i>Acta Physiologica</i> , 2021, 231, e13516.	1.8	36
9	Clinical determinants of low handgrip strength and its decline in the oldest old: the Leiden 85-plus Study. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1307-1313.	1.4	11
10	Are early measured resting-state EEG parameters predictive for upper limb motor impairment six months poststroke?. <i>Clinical Neurophysiology</i> , 2021, 132, 56-62.	0.7	19
11	Objectively measured arm use in daily life improves during the first 6 months poststroke: a longitudinal observational cohort study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 51.	2.4	11
12	Initial orthostatic hypotension and orthostatic intolerance symptom prevalence in older adults: A systematic review. <i>International Journal of Cardiology: Hypertension</i> , 2021, 8, 100071.	2.2	6
13	Sarcopenia, Low Handgrip Strength, and Low Absolute Muscle Mass Predict Long-Term Mortality in Older Hospitalized Patients: An Observational Inception Cohort Study. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 816-820.e2.	1.2	29
14	Cerebral autoregulation assessed by near-infrared spectroscopy: validation using transcranial Doppler in patients with controlled hypertension, cognitive impairment and controls. <i>European Journal of Applied Physiology</i> , 2021, 121, 2165-2176.	1.2	9
15	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. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 2432-2439.e1.	1.2	8
16	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. <i>Ageing Research Reviews</i> , 2021, 67, 101266.	5.0	111
17	Nutrient Intake and Muscle Measures in Geriatric Outpatients. <i>Journal of the American College of Nutrition</i> , 2021, 40, 589-597.	1.1	9
18	Can anthropometric measures be used as proxies for body composition and physical function in geriatric outpatients?. <i>Archives of Gerontology and Geriatrics</i> , 2021, 94, 104379.	1.4	11

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19	The effect of botulinum toxin on neural and non-neural components of wrist hyper-resistance in adults with stroke or cerebral palsy. <i>PM and R</i> , 2021, , .	0.9	2
20	Prevalence of initial orthostatic hypotension in older adults: a systematic review and meta-analysis. <i>Age and Ageing</i> , 2021, 50, 1520-1528.	0.7	10
21	Orthostatic Hypotension and Orthostatic Intolerance Symptoms in Geriatric Rehabilitation Inpatients, RESORT. <i>Journal of the American Medical Directors Association</i> , 2021, 22, 2468-2477.e2.	1.2	2
22	Orthostatic hypotension assessed by active standing is associated with worse cognition in geriatric rehabilitation inpatients, RESORT. <i>Archives of Gerontology and Geriatrics</i> , 2021, 96, 104482.	1.4	0
23	Objectively assessed physical activity and sedentary behavior and global cognitive function in older adults: a systematic review. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111524.	2.2	45
24	Smoothness metric during reach-to-grasp after stroke: part 2. longitudinal association with motor impairment. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 144.	2.4	16
25	Determinants of instrumented sedentary and physical activity behavior in geriatric rehabilitation inpatients: RESORT. <i>Experimental Gerontology</i> , 2021, 154, 111524.	1.2	5
26	Computerised patient-specific prediction of the recovery profile of upper limb capacity within stroke services: the next step. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 574-581.	0.9	25
27	Smoothness metrics for reaching performance after stroke. Part 1: which one to choose?. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 154.	2.4	20
28	Quantifying neural and non-neural components of wrist hyper-resistance after stroke: Comparing two instrumented assessment methods. <i>Medical Engineering and Physics</i> , 2021, 98, 57-64.	0.8	3
29	Orthostatic blood pressure recovery associates with physical performance, frailty and number of falls in geriatric outpatients. <i>Journal of Hypertension</i> , 2021, 39, 101-106.	0.3	9
30	Every step counts: synthesising reviews associating objectively measured physical activity and sedentary behaviour with clinical outcomes in community-dwelling older adults. <i>The Lancet Healthy Longevity</i> , 2021, 2, e764-e772.	2.0	14
31	The Cortical Response Evoked by Robotic Wrist Perturbations Reflects Level of Proprioceptive Impairment After Stroke. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 695366.	1.0	1
32	Loss of selective wrist muscle activation in post-stroke patients. <i>Disability and Rehabilitation</i> , 2020, 42, 779-787.	0.9	2
33	Lack of Knowledge Contrasts the Willingness to Counteract Sarcopenia Among Community-Dwelling Adults. <i>Journal of Aging and Health</i> , 2020, 32, 787-794.	0.9	15
34	Malnutrition is associated with dynamic physical performance. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 1085-1092.	1.4	30
35	Current knowledge and practice of Australian and New Zealand health-care professionals in sarcopenia diagnosis and treatment: Time to move forward!. <i>Australasian Journal on Ageing</i> , 2020, 39, e185-e193.	0.4	25
36	Computed Tomography-Based Body Composition Is Not Consistently Associated with Outcome in Older Patients with Colorectal Cancer. <i>Oncologist</i> , 2020, 25, e492-e501.	1.9	13

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37	Time for the next stage of stroke recovery trials. <i>Lancet Neurology</i> , The, 2020, 19, 636-637.	4.9	11
38	Inadequate energy and protein intake in geriatric outpatients with mobility problems. <i>Nutrition Research</i> , 2020, 84, 33-41.	1.3	5
39	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. <i>Ageing Research Reviews</i> , 2020, 61, 101061.	5.0	21
40	Is Recovery of Somatosensory Impairment Conditional for Upper-Limb Motor Recovery Early After Stroke?. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 403-416.	1.4	36
41	Clinical determinants of resting metabolic rate in geriatric outpatients. <i>Archives of Gerontology and Geriatrics</i> , 2020, 89, 104066.	1.4	2
42	Time Course of Wrist Hyper-Resistance in Relation to Upper Limb Motor Recovery Early Post Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 690-701.	1.4	4
43	Impact of using the updated EWGSOP2 definition in diagnosing sarcopenia: A clinical perspective. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104125.	1.4	53
44	The use of a portable metabolic monitoring device for measuring RMR in healthy adults. <i>British Journal of Nutrition</i> , 2020, 124, 1229-1240.	1.2	6
45	Position-Cortical Coherence as a Marker of Afferent Pathway Integrity Early Poststroke: A Prospective Cohort Study. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 344-359.	1.4	7
46	Multimodal Monitoring of Cardiovascular Responses to Postural Changes. <i>Frontiers in Physiology</i> , 2020, 11, 168.	1.3	11
47	Blood Pressure Drop Rate After Standing Up Is Associated With Frailty and Number of Falls in Geriatric Outpatients. <i>Journal of the American Heart Association</i> , 2020, 9, e014688.	1.6	18
48	Neural and non-neural contributions to enhanced joint stiffness in children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1008-1008.	1.1	0
49	Predicting Upper Limb Motor Impairment Recovery after Stroke: A Mixture Model. <i>Annals of Neurology</i> , 2020, 87, 383-393.	2.8	119
50	Is Resting-State EEG Longitudinally Associated With Recovery of Clinical Neurological Impairments Early Poststroke? A Prospective Cohort Study. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 389-402.	1.4	22
51	Pulse transit time as a proxy for vasoconstriction in younger and older adults. <i>Experimental Gerontology</i> , 2020, 135, 110938.	1.2	12
52	Measurement Properties of the NeuroFlexor Device for Quantifying Neural and Non-neural Components of Wrist Hyper-Resistance in Chronic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 730.	1.1	16
53	Age-Related DNA Methylation Changes: Potential Impact on Skeletal Muscle Aging in Humans. <i>Frontiers in Physiology</i> , 2019, 10, 996.	1.3	35
54	Validity of Nutritional Screening Tools for Community-Dwelling Older Adults: A Systematic Review and Meta-Analysis. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1351.e13-1351.e25.	1.2	42

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55	Erythrocyte sedimentation rate and albumin as markers of inflammation are associated with measures of sarcopenia: a cross-sectional study. <i>BMC Geriatrics</i> , 2019, 19, 233.	1.1	32
56	Automatized, Standardized, and Patient-Tailored Progressive Walking-Adaptability Training: A Proof-of-Concept Study. <i>Physical Therapy</i> , 2019, 99, 882-892.	1.1	12
57	Acute inflammation is associated with lower muscle strength, muscle mass and functional dependency in male hospitalised older patients. <i>PLoS ONE</i> , 2019, 14, e0215097.	1.1	11
58	Sarcopenia and its association with falls and fractures in older adults: A systematic review and meta-analysis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 485-500.	2.9	507
59	Effectiveness of Botulinum Toxin Treatment for Upper Limb Spasticity Poststroke Over Different ICF Domains: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 1703-1725.	0.5	59
60	Prevalence of sarcopenia in inpatients 70 years and older using different diagnostic criteria. <i>Nursing Open</i> , 2019, 6, 377-383.	1.1	29
61	How does upper extremity Fugl-Meyer motor score relate to resting-state EEG in chronic stroke? A power spectral density analysis. <i>Clinical Neurophysiology</i> , 2019, 130, 856-862.	0.7	38
62	The effect of cerebellar transcranial direct current stimulation to improve standing balance performance early post-stroke, study protocol of a randomized controlled trial. <i>International Journal of Stroke</i> , 2019, 14, 650-657.	2.9	2
63	Sensitivity and reliability of cerebral oxygenation responses to postural changes measured with near-infrared spectroscopy. <i>European Journal of Applied Physiology</i> , 2019, 119, 1117-1125.	1.2	25
64	Association of Handgrip Strength and Muscle Mass with Dependency in (Instrumental) Activities of Daily Living in Hospitalized Older Adults -The EMPOWER Study. <i>Journal of Nutrition, Health and Aging</i> , 2019, 23, 232-238.	1.5	37
65	Orthostatic Hypotension and Falls in Older Adults: A Systematic Review and Meta-analysis. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 589-597.e5.	1.2	101
66	Lower Skeletal Muscle Mass at Admission Independently Predicts Falls and Mortality 3 Months Post-discharge in Hospitalized Older Patients. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1650-1656.	1.7	25
67	Gait speed assessed by a 4-m walk test is not representative of daily-life gait speed in community-dwelling adults. <i>Maturitas</i> , 2019, 121, 28-34.	1.0	75
68	Diminished Dynamic Physical Performance Is Associated With Orthostatic Hypotension in Geriatric Outpatients. <i>Journal of Geriatric Physical Therapy</i> , 2019, 42, E28-E34.	0.6	17
69	Perturbation velocity affects linearly estimated neuromechanical wrist joint properties. <i>Journal of Biomechanics</i> , 2018, 74, 207-212.	0.9	0
70	Instrumented Assessment of Physical Activity Is Associated With Muscle Function but Not With Muscle Mass in a General Population. <i>Journal of Aging and Health</i> , 2018, 30, 1462-1481.	0.9	18
71	Rapid Systolic Blood Pressure Changes After Standing Up Associate With Impaired Physical Performance in Geriatric Outpatients. <i>Journal of the American Heart Association</i> , 2018, 7, e010060.	1.6	24
72	SINGLE PHYSICAL PERFORMANCE MEASURES CANNOT IDENTIFY GERIATRIC OUTPATIENTS WITH SARCOPENIA. <i>Journal of Frailty & Aging,the</i> , 2018, 7, 1-6.	0.8	9

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73	Cognitive-motor interference during goal-directed upper-limb movements. <i>European Journal of Neuroscience</i> , 2018, 48, 3146-3158.	1.2	24
74	Predictors of metabolic syndrome in community-dwelling older adults. <i>PLoS ONE</i> , 2018, 13, e0206424.	1.1	17
75	Orthostatic hypotension and physical functioning in older adults: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2018, 48, 122-144.	5.0	37
76	Short-Term Effects of Cerebellar tDCS on Standing Balance Performance in Patients with Chronic Stroke and Healthy Age-Matched Elderly. <i>Cerebellum</i> , 2018, 17, 575-589.	1.4	56
77	Early Shortening of Wrist Flexor Muscles Coincides With Poor Recovery After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 645-654.	1.4	13
78	Dual-Task Walking in Challenging Environments in People with Stroke: Cognitive-Motor Interference and Task Prioritization. <i>Stroke Research and Treatment</i> , 2018, 2018, 1-8.	0.5	19
79	Moving stroke rehabilitation forward: The need to change research. <i>NeuroRehabilitation</i> , 2018, 43, 19-30.	0.5	42
80	Handgrip Strength Cannot Be Assumed a Proxy for Overall Muscle Strength. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 703-709.	1.2	82
81	Knee extension strength measurements should be considered as part of the comprehensive geriatric assessment. <i>BMC Geriatrics</i> , 2018, 18, 130.	1.1	32
82	Muscle mass and muscle strength are associated with pre- and post-hospitalization falls in older male inpatients: a longitudinal cohort study. <i>BMC Geriatrics</i> , 2018, 18, 116.	1.1	63
83	Is being malnourished according to the ESPEN definition for malnutrition associated with clinically relevant outcome measures in geriatric outpatients?. <i>European Geriatric Medicine</i> , 2018, 9, 389-394.	1.2	11
84	Blood pressure change does not associate with Center of Pressure movement after postural transition in geriatric outpatients. <i>BMC Geriatrics</i> , 2018, 18, 10.	1.1	6
85	Physical Activity and Nutrition Influences In ageing (PANINI): consortium mission statement. <i>Ageing Clinical and Experimental Research</i> , 2018, 30, 685-692.	1.4	17
86	Lower Cognitive Function in Older Patients with Lower Muscle Strength and Muscle Mass. <i>Dementia and Geriatric Cognitive Disorders</i> , 2018, 45, 243-250.	0.7	30
87	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
88	Manipulation of visual information affects control strategy during a visuomotor tracking task. <i>Behavioural Brain Research</i> , 2017, 329, 205-214.	1.2	5
89	Change in muscle strength and muscle mass in older hospitalized patients: A systematic review and meta-analysis. <i>Experimental Gerontology</i> , 2017, 92, 34-41.	1.2	83
90	Muscle Strength and Muscle Mass in Older Patients during Hospitalization: The EMPOWER Study. <i>Gerontology</i> , 2017, 63, 507-514.	1.4	31

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91	Optical Hand Tracking: A Novel Technique for the Assessment of Bradykinesia in Parkinson's Disease. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 875-883.	0.8	32
92	High risk of malnutrition is associated with low muscle mass in older hospitalized patients - a prospective cohort study. <i>BMC Geriatrics</i> , 2017, 17, 118.	1.1	55
93	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. <i>Osteoporosis International</i> , 2017, 28, 2683-2689.	1.3	27
94	Standing Up Slowly Antagonises Initial Blood Pressure Decrease in Older Adults with Orthostatic Hypotension. <i>Gerontology</i> , 2017, 63, 137-143.	1.4	19
95	Effects of Robot-Assisted Therapy for the Upper Limb After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 107-121.	1.4	398
96	Lack of knowledge and availability of diagnostic equipment could hinder the diagnosis of sarcopenia and its management. <i>PLoS ONE</i> , 2017, 12, e0185837.	1.1	65
97	Muscle Measures and Nutritional Status at Hospital Admission Predict Survival and Independent Living of Older Patients - the EMPOWER Study. <i>Journal of Frailty & Aging,the</i> , 2017, 6, 161-166.	0.8	13
98	Adaptation of multijoint coordination during standing balance in healthy young and healthy old individuals. <i>Journal of Neurophysiology</i> , 2016, 115, 1422-1435.	0.9	26
99	Estimation of tissue stiffness, reflex activity, optimal muscle length and slack length in stroke patients using an electromyography driven antagonistic wrist model. <i>Clinical Biomechanics</i> , 2016, 35, 93-101.	0.5	22
100	Cerebral Microbleeds and Lacunar Infarcts Are Associated with Walking Speed Independent of Cognitive Performance in Middle-Aged to Older Adults. <i>Gerontology</i> , 2016, 62, 500-507.	1.4	20
101	Association between osteocalcin and cognitive performance in healthy older adults. <i>Age and Ageing</i> , 2016, 45, 844-849.	0.7	46
102	Temporal Relationship Between Cognitive and Physical Performance in Middle-Aged to Oldest Old People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 72, glw133.	1.7	32
103	Effect of calendar age on physical performance: A comparison of standard clinical measures with instrumented measures in middle-aged to older adults. <i>Gait and Posture</i> , 2016, 45, 12-18.	0.6	2
104	Common Ground? The Concordance of Sarcopenia and Frailty Definitions. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 371.e7-371.e12.	1.2	67
105	Effects of Unilateral Upper Limb Training in Two Distinct Prognostic Groups Early After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 804-816.	1.4	140
106	The prevalence of malnutrition according to the new ESPEN definition in four diverse populations. <i>Clinical Nutrition</i> , 2016, 35, 758-762.	2.3	79
107	Reliability of System Identification Techniques to Assess Standing Balance in Healthy Elderly. <i>PLoS ONE</i> , 2016, 11, e0151012.	1.1	6
108	Changes in sensory reweighting of proprioceptive information during standing balance with age and disease. <i>Journal of Neurophysiology</i> , 2015, 114, 3220-3233.	0.9	55

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109	Assessing Standing Balance using MIMO Closed Loop System Identification Techniques. IFAC-PapersOnLine, 2015, 48, 1381-1385.	0.5	3
110	NeuroControl of movement: system identification approach for clinical benefit. Frontiers in Integrative Neuroscience, 2015, 9, 48.	1.0	15
111	The Association between Parameters of Malnutrition and Diagnostic Measures of Sarcopenia in Geriatric Outpatients. PLoS ONE, 2015, 10, e0135933.	1.1	50
112	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
113	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
114	Plantarflexor Muscle 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
115	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
116	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
117	Poor motor function is associated with reduced sensory processing after stroke. Experimental Brain Research, 2015, 233, 1339-1349.	0.7	36
118	Botulinum toxin A for upper limb spasticity. Lancet Neurology, The, 2015, 14, 969-971.	4.9	16
119	Low Cognitive Status Is Associated with a Lower Ability to Maintain Standing Balance in Elderly Outpatients. Gerontology, 2015, 61, 124-130.	1.4	18
120	Blood Pressure Associates with Standing Balance in Elderly Outpatients. PLoS ONE, 2014, 9, e106808.	1.1	29
121	Walking speed in elderly outpatients depends on the assessment method. Age, 2014, 36, 9736.	3.0	28
122	Impaired standing balance: The clinical need for closing the loop. Neuroscience, 2014, 267, 157-165.	1.1	86
123	Guideline for diagnosis and treatment of subacromial pain syndrome. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 85, 314-322.	1.2	270
124	Effects of robotic therapy of the arm after stroke. Lancet Neurology, The, 2014, 13, 132-133.	4.9	26
125	Perturbation Amplitude Affects Linearly Estimated Neuromechanical Wrist Joint Properties. IEEE Transactions on Biomedical Engineering, 2014, 61, 1005-1014.	2.5	13
126	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

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127	Age-Related Differences in Quality of Standing Balance Using a Composite Score. <i>Gerontology</i> , 2014, 60, 306-314.	1.4	27
128	Force control in the absence of visual and tactile feedback. <i>Experimental Brain Research</i> , 2013, 224, 635-645.	0.7	10
129	Differentiation between non-neural and neural contributors to ankle joint stiffness in cerebral palsy. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2013, 10, 81.	2.4	45
130	Circulating levels of adipokines and IGF-1 are associated with skeletal muscle strength of young and old healthy subjects. <i>Biogerontology</i> , 2013, 14, 261-272.	2.0	75
131	Physiological and functional evaluation of healthy young and older men and women: design of the European MyoAge study. <i>Biogerontology</i> , 2013, 14, 325-337.	2.0	50
132	Reduction of the Linear Reflex Gain Explained From the M1-M2 Refractory Period. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1721-1727.	2.5	2
133	Muscle Strength Rather Than Muscle Mass Is Associated With Standing Balance in Elderly Outpatients. <i>Journal of the American Medical Directors Association</i> , 2013, 14, 493-498.	1.2	51
134	Diagnostic measures for sarcopenia and bone mineral density. <i>Osteoporosis International</i> , 2013, 24, 2681-2691.	1.3	58
135	Signalling pathways regulating muscle mass in ageing skeletal muscle. The role of the IGF1-Akt-mTOR-FoxO pathway. <i>Biogerontology</i> , 2013, 14, 303-323.	2.0	274
136	Familial Longevity Is Marked by Better Cognitive Performance at Middle Age: The Leiden Longevity Study. <i>PLoS ONE</i> , 2013, 8, e57962.	1.1	24
137	Physio-Environmental Sensing and Live Modeling. <i>Interactive Journal of Medical Research</i> , 2013, 2, e3.	0.6	7
138	Temporal relationship between handgrip strength and cognitive performance in oldest old people. <i>Age and Ageing</i> , 2012, 41, 506-512.	0.7	77
139	Assessing Longitudinal Change in Coordination of the Paretic Upper Limb Using On-Site 3-Dimensional Kinematic Measurements. <i>Physical Therapy</i> , 2012, 92, 142-151.	1.1	36
140	Chronology of age-related disease definitions: Osteoporosis and sarcopenia. <i>Ageing Research Reviews</i> , 2012, 11, 320-324.	5.0	67
141	Spinal reflex properties in the long term after stroke. <i>Journal of Electromyography and Kinesiology</i> , 2012, 22, 234-242.	0.7	4
142	Clonus is explained from increased reflex gain and enlarged tissue viscoelasticity. <i>Journal of Biomechanics</i> , 2012, 45, 148-155.	0.9	14
143	The gap between clinical gaze and systematic assessment of movement disorders after stroke. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2012, 9, 61.	2.4	14
144	Reduced elbow mobility affects the flexion or extension domain in activities of daily living. <i>Clinical Biomechanics</i> , 2011, 26, 713-717.	0.5	21

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145	Short range stiffness elastic limit depends on joint velocity. <i>Journal of Biomechanics</i> , 2011, 44, 2106-2112.	0.9	22
146	Circulating levels of IGF1 are associated with muscle strength in middle-aged- and oldest-old women. <i>European Journal of Endocrinology</i> , 2011, 164, 189-196.	1.9	50
147	Tizanidine does not affect the linear relation of stretch duration to the long latency M2 response of m. flexor carpi radialis. <i>Experimental Brain Research</i> , 2010, 201, 681-688.	0.7	16
148	The relation between increased deltoid activation and adductor muscle activation due to glenohumeral cuff tears. <i>Journal of Biomechanics</i> , 2010, 43, 2049-2054.	0.9	27
149	The relation between neuromechanical parameters and Ashworth score in stroke patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2010, 7, 35.	2.4	89
150	Teres major muscle activation relates to clinical outcome in tendon transfer surgery. <i>Clinical Biomechanics</i> , 2010, 25, 187-193.	0.5	38
151	Patterns of muscle strength loss with age in the general population and patients with a chronic inflammatory state. <i>Ageing Research Reviews</i> , 2010, 9, 431-436.	5.0	141
152	Arm load magnitude affects selective shoulder muscle activation. <i>Medical and Biological Engineering and Computing</i> , 2009, 47, 565-572.	1.6	7
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