

Sabine M P Verschueren

List of Publications by Year in descending order

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179
papers

8,930
citations

47006

47
h-index

48315

88
g-index

181
all docs

181
docs citations

181
times ranked

8533
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of 6-Month Whole Body Vibration Training on Hip Density, Muscle Strength, and Postural Control in Postmenopausal Women: A Randomized Controlled Pilot Study. <i>Journal of Bone and Mineral Research</i> , 2003, 19, 352-359.	2.8	602
2	Strength Increase after Whole-Body Vibration Compared with Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1033-1041.	0.4	559
3	The Role of Paraspinal Muscle Spindles in Lumbosacral Position Sense in Individuals With and Without Low Back Pain. <i>Spine</i> , 2000, 25, 989-994.	2.0	392
4	Whole-Body-Vibration Training Increases Knee-Extension Strength and Speed of Movement in Older Women. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 901-908.	2.6	348
5	Noise in human muscle spindles. <i>Nature</i> , 1996, 383, 769-770.	27.8	275
6	Proprioceptive weighting changes in persons with low back pain and elderly persons during upright standing. <i>Neuroscience Letters</i> , 2004, 366, 63-66.	2.1	239
7	Sarcopenia and its relationship with bone mineral density in middle-aged and elderly European men. <i>Osteoporosis International</i> , 2013, 24, 87-98.	3.1	236
8	Impact of Whole-Body Vibration Training Versus Fitness Training on Muscle Strength and Muscle Mass in Older Men: A 1-Year Randomized Controlled Trial. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 630-635.	3.6	213
9	Effects of multi-domain interventions in (pre)frail elderly on frailty, functional, and cognitive status: a systematic review. <i>Clinical Interventions in Aging</i> , 2017, Volume 12, 873-896.	2.9	183
10	Relative Phase Alterations during Bimanual Skill Acquisition. <i>Journal of Motor Behavior</i> , 1995, 27, 263-274.	0.9	180
11	Effects of whole body vibration training on postural control in older individuals: A 1 year randomized controlled trial. <i>Gait and Posture</i> , 2007, 26, 309-316.	1.4	180
12	Whole-Body-Vibration-Induced Increase in Leg Muscle Activity During Different Squat Exercises. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 124.	2.1	178
13	REVIEW ARTICLE: Reducing fracture risk with calcium and vitamin D. <i>Clinical Endocrinology</i> , 2010, 73, 277-285.	2.4	154
14	Interlimb coordination: Learning and transfer under different feedback conditions. <i>Human Movement Science</i> , 1997, 16, 749-785.	1.4	144
15	Effects of whole body vibration training on cardiorespiratory fitness and muscle strength in older individuals (a 1-year randomised controlled trial). <i>Age and Ageing</i> , 2009, 38, 448-454.	1.6	132
16	Exploring interlimb constraints during bimanual graphic performance: effects of muscle grouping and direction. <i>Behavioural Brain Research</i> , 1998, 90, 79-87.	2.2	121
17	AGE-RELATED DEFICITS IN MOTOR LEARNING AND DIFFERENCES IN FEEDBACK PROCESSING DURING THE PRODUCTION OF A BIMANUAL COORDINATION PATTERN. <i>Cognitive Neuropsychology</i> , 1998, 15, 439-466.	1.1	121
18	Effects of Whole Body Vibration Training on Muscle Strength and Sprint Performance in Sprint-Trained Athletes. <i>International Journal of Sports Medicine</i> , 2005, 26, 662-668.	1.7	120

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19	Muscle-bone interactions: From experimental models to the clinic? A critical update. <i>Molecular and Cellular Endocrinology</i> , 2016, 432, 14-36.	3.2	115
20	Hierarchical control of different elbow-wrist coordination patterns. <i>Experimental Brain Research</i> , 1998, 121, 239-254.	1.5	109
21	The effects of whole-body vibration training and vitamin D supplementation on muscle strength, muscle mass, and bone density in institutionalized elderly women: A 6-month randomized, controlled trial. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 42-49.	2.8	105
22	A review of the assessment and prevalence of sedentarism in older adults, its physiology/health impact and non-exercise mobility counter-measures. <i>Biogerontology</i> , 2016, 17, 547-565.	3.9	105
23	The effect of aging on dynamic position sense at the ankle. <i>Behavioural Brain Research</i> , 2002, 136, 593-603.	2.2	95
24	Can two-dimensional video analysis during single-leg drop vertical jumps help identify non-contact knee injury risk? A one-year prospective study. <i>Clinical Biomechanics</i> , 2015, 30, 781-787.	1.2	95
25	Effect of Paraspinal Muscle Vibration on Position Sense of the Lumbosacral Spine. <i>Spine</i> , 1999, 24, 1328.	2.0	93
26	Frequency-dependent effects of muscle tendon vibration on corticospinal excitability: a TMS study. <i>Experimental Brain Research</i> , 2003, 151, 9-14.	1.5	84
27	Changes in balance, functional performance and fall risk following whole body vibration training and vitamin D supplementation in institutionalized elderly women. A 6 month randomized controlled trial. <i>Gait and Posture</i> , 2011, 33, 466-472.	1.4	82
28	Interlimb coordination in patients with Parkinson's disease: motor learning deficits and the importance of augmented information feedback. <i>Experimental Brain Research</i> , 1997, 113, 497-508.	1.5	78
29	Musculoskeletal Frailty: A Geriatric Syndrome at the Core of Fracture Occurrence in Older Age. <i>Calcified Tissue International</i> , 2012, 91, 161-177.	3.1	78
30	The efficacy of interventions for low back pain in nurses: A systematic review. <i>International Journal of Nursing Studies</i> , 2018, 77, 222-231.	5.6	77
31	Effects of Intensive Whole-Body Vibration Training on Muscle Strength and Balance in Adults With Chronic Stroke: A Randomized Controlled Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 439-446.	0.9	76
32	Loading of Hip Measured by Hip Contact Forces at Different Speeds of Walking and Running. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1431-1440.	2.8	76
33	Position Sensitivity of Human Muscle Spindles: Single Afferent and Population Representations. <i>Journal of Neurophysiology</i> , 2002, 87, 1186-1195.	1.8	73
34	Effects of narrow base gait on mediolateral balance control in young and older adults. <i>Journal of Biomechanics</i> , 2016, 49, 1264-1267.	2.1	73
35	The reliability and validity of the measurement of lateral trunk motion in two-dimensional video analysis during unipodal functional screening tests in elite female athletes. <i>Physical Therapy in Sport</i> , 2014, 15, 117-123.	1.9	71
36	Osteoporosis and osteoporotic fracture occurrence and prevention in the elderly: a geriatric perspective. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2008, 22, 765-785.	4.7	68

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37	Endocrine determinants of incident sarcopenia in middle-aged and elderly European men. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015, 6, 242-252.	7.3	68
38	Interlimb coordination deficits in patients with parkinson's disease during the production of two-joint oscillations in the sagittal plane. <i>Movement Disorders</i> , 1997, 12, 958-968.	3.9	65
39	Force-Velocity Characteristics of the Knee Extensors: An Indication of the Risk for Physical Frailty in Elderly Women. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1827-1832.	0.9	62
40	Comparing lower lumbar kinematics in cyclists with low back pain (flexion pattern) versus asymptomatic controls – field study using a wireless posture monitoring system. <i>Manual Therapy</i> , 2012, 17, 312-317.	1.6	62
41	Knee contact forces are not altered in early knee osteoarthritis. <i>Gait and Posture</i> , 2016, 45, 115-120.	1.4	61
42	Coordination of upper and lower limb segments: deficits on the ipsilesional side after unilateral stroke. <i>Experimental Brain Research</i> , 2001, 141, 519-529.	1.5	60
43	Proprioceptive control of multijoint movement: bimanual circle drawing. <i>Experimental Brain Research</i> , 1999, 127, 182-192.	1.5	58
44	Gait characteristics and lower limb muscle strength in women with early and established knee osteoarthritis. <i>Clinical Biomechanics</i> , 2013, 28, 40-47.	1.2	58
45	Effects of 3 weeks™ whole body vibration training on muscle strength and functional mobility in hospitalized persons with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 498-505.	3.0	55
46	Effects of tendon vibration on the spatiotemporal characteristics of human locomotion. <i>Experimental Brain Research</i> , 2002, 143, 231-239.	1.5	54
47	Proprioceptive control of multijoint movement: unimanual circle drawing. <i>Experimental Brain Research</i> , 1999, 127, 171-181.	1.5	53
48	Association of postural control with muscle strength, proprioception, self-reported knee instability and activity limitations in patients with knee osteoarthritis. <i>Journal of Rehabilitation Medicine</i> , 2013, 45, 192-197.	1.1	48
49	How Reliable Are Lower-Limb Kinematics and Kinetics during a Drop Vertical Jump?. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 678-685.	0.4	48
50	Vibration-Induced Changes in EMG During Human Locomotion. <i>Journal of Neurophysiology</i> , 2003, 89, 1299-1307.	1.8	45
51	Proprioceptive accuracy in women with early and established knee osteoarthritis and its relation to functional ability, postural control, and muscle strength. <i>Clinical Rheumatology</i> , 2013, 32, 1365-1374.	2.2	45
52	Age Effects on Mediolateral Balance Control. <i>PLoS ONE</i> , 2014, 9, e110757.	2.5	45
53	Representation of Wrist Joint Kinematics by the Ensemble of Muscle Spindles From Synergistic Muscles. <i>Journal of Neurophysiology</i> , 1998, 79, 2265-2276.	1.8	43
54	Can two-dimensional measured peak sagittal plane excursions during drop vertical jumps help identify three-dimensional measured joint moments?. <i>Knee</i> , 2015, 22, 73-79.	1.6	43

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55	Clinical balance scales indicate worse postural control in people with Parkinson's disease who exhibit freezing of gait compared to those who do not: A meta-analysis. <i>Gait and Posture</i> , 2017, 56, 134-140.	1.4	43
56	Virtual reality balance training for elderly: Similar skiing games elicit different challenges in balance training. <i>Gait and Posture</i> , 2018, 59, 111-116.	1.4	42
57	Weak associations between structural changes on MRI and symptoms, function and muscle strength in relation to knee osteoarthritis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2013-2025.	4.2	41
58	Transmission of Whole-Body Vibration and Its Effect on Muscle Activation. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2533-2541.	2.1	40
59	Ipsilateral Coordination Deficits and Central Processing Requirements Associated With Coordination as a Function of Aging. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2004, 59, P225-P232.	3.9	39
60	Lumbar repositioning error in sitting: Healthy controls versus people with sitting-related non-specific chronic low back pain (flexion pattern). <i>Manual Therapy</i> , 2013, 18, 526-532.	1.6	39
61	Medial knee loading is altered in subjects with early osteoarthritis during gait but not during step-up-and-over task. <i>PLoS ONE</i> , 2017, 12, e0187583.	2.5	39
62	Motor Switching and Motor Adaptation Deficits Contribute to Freezing of Gait in Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 132-142.	2.9	38
63	The Impact of Dual-Tasking on Postural Stability in People With Parkinson's Disease With and Without Freezing of Gait. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 166-174.	2.9	37
64	Effects of hip abductor muscle fatigue on gait control and hip position sense in healthy older adults. <i>Gait and Posture</i> , 2015, 42, 545-549.	1.4	36
65	Fast online corrections of tripping responses. <i>Experimental Brain Research</i> , 2014, 232, 3579-3590.	1.5	35
66	Effects of aging and dual tasking on step adjustments to perturbations in visually cued walking. <i>Experimental Brain Research</i> , 2015, 233, 3467-3474.	1.5	35
67	Response inhibition and avoidance of virtual obstacles during gait in healthy young and older adults. <i>Human Movement Science</i> , 2015, 39, 27-40.	1.4	35
68	Lateral trunk lean and medializing the knee as gait strategies for knee osteoarthritis. <i>Gait and Posture</i> , 2017, 51, 247-253.	1.4	35
69	Are physiotherapists adhering to quality indicators for the management of knee osteoarthritis? An observational study. <i>Musculoskeletal Science and Practice</i> , 2017, 27, 112-123.	1.3	34
70	Exercise programs for older men: mode and intensity to induce the highest possible health-related benefits. <i>Preventive Medicine</i> , 2004, 39, 823-833.	3.4	32
71	Response inhibition during avoidance of virtual obstacles while walking. <i>Gait and Posture</i> , 2014, 39, 641-644.	1.4	32
72	Effects of a Six-Month Local Vibration Training on Bone Density, Muscle Strength, Muscle Mass, and Physical Performance in Postmenopausal Women. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2613-2622.	2.1	32

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73	Two-stage muscle activity responses in decisions about leg movement adjustments during trip recovery. <i>Journal of Neurophysiology</i> , 2016, 115, 143-156.	1.8	32
74	Understanding Motivations and Player Experiences of Older Adults in Virtual Reality Training. <i>Games for Health Journal</i> , 2018, 7, 369-376.	2.0	31
75	Barriers for guideline adherence in knee osteoarthritis care: A qualitative study from the patients' perspective. <i>Journal of Evaluation in Clinical Practice</i> , 2017, 23, 165-172.	1.8	30
76	Longitudinal impact of aging on muscle quality in middle-aged men. <i>Age</i> , 2014, 36, 9689.	3.0	29
77	How reliable are knee kinematics and kinetics during side-cutting manoeuvres?. <i>Gait and Posture</i> , 2015, 41, 905-911.	1.4	29
78	Varus thrust in women with early medial knee osteoarthritis and its relation with the external knee adduction moment. <i>Clinical Biomechanics</i> , 2016, 39, 109-114.	1.2	29
79	Knee and Hip Joint Kinematics Predict Quadriceps and Hamstrings Neuromuscular Activation Patterns in Drop Jump Landings. <i>PLoS ONE</i> , 2016, 11, e0153737.	2.5	29
80	Influence of bone remodelling rate on quantitative ultrasound parameters at the calcaneus and DXA BMDa of the hip and spine in middle-aged and elderly European men: the European Male Ageing Study (EMAS). <i>European Journal of Endocrinology</i> , 2011, 165, 977-986.	3.7	28
81	Do Psychosocial Factors Predict Muscle Strength, Pain, or Physical Performance in Patients With Knee Osteoarthritis?. <i>Journal of Clinical Rheumatology</i> , 2017, 23, 308-316.	0.9	28
82	Frequency domain mediolateral balance assessment using a center of pressure tracking task. <i>Journal of Biomechanics</i> , 2013, 46, 2831-2836.	2.1	27
83	Long-Term Impact of Strength Training on Muscle Strength Characteristics in Older Adults. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 2054-2060.	0.9	27
84	Effects of Fitness and Vibration Training on Muscle Quality: A 1-Year Postintervention Follow-Up in Older Men. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 910-918.	0.9	27
85	The Contribution of Proprioceptive Information to Postural Control in Elderly and Patients with Parkinson's Disease with a History of Falls. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 939.	2.0	27
86	Ranking of osteogenic potential of physical exercises in postmenopausal women based on femoral neck strains. <i>PLoS ONE</i> , 2018, 13, e0195463.	2.5	27
87	Performance of thigh-mounted triaxial accelerometer algorithms in objective quantification of sedentary behaviour and physical activity in older adults. <i>PLoS ONE</i> , 2017, 12, e0188215.	2.5	27
88	Proprioceptive control of cyclical bimanual forearm movements across different movement frequencies as revealed by means of tendon vibration. <i>Experimental Brain Research</i> , 2001, 140, 326-334.	1.5	26
89	Development of Quality Indicators for an Integrated Approach of Knee Osteoarthritis. <i>Journal of Rheumatology</i> , 2014, 41, 1155-1162.	2.0	26
90	Altered Achilles tendon function during walking in people with diabetic neuropathy: implications for metabolic energy saving. <i>Journal of Applied Physiology</i> , 2018, 124, 1333-1340.	2.5	26

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91	Does a novel exergame challenge balance and activate muscles more than existing off-the-shelf exergames?. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 6.	4.6	26
92	Reproducibility of a knee and hip proprioception test in healthy older adults. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 171-177.	2.9	25
93	Can explicit visual feedback of postural sway efface the effects of sensory manipulations on mediolateral balance performance?. <i>Journal of Neurophysiology</i> , 2016, 115, 907-914.	1.8	25
94	Online movement control in multiple sclerosis patients with tremor: Effects of tendon vibration. <i>Movement Disorders</i> , 2006, 21, 1148-1153.	3.9	24
95	Elevated C-reactive protein is associated with lower increase in knee muscle strength in patients with knee osteoarthritis: a 2-year follow-up study in the Amsterdam Osteoarthritis (AMS-OA) cohort. <i>Arthritis Research and Therapy</i> , 2014, 16, R123.	3.5	24
96	Hip abductor neuromuscular capacity: A limiting factor in mediolateral balance control in older adults?. <i>Clinical Biomechanics</i> , 2016, 37, 27-33.	1.2	24
97	Which Aspects of Postural Control Differentiate between Patients with Parkinson's Disease with and without Freezing of Gait?. <i>Parkinson's Disease</i> , 2013, 2013, 1-8.	1.1	23
98	Increased knee muscle strength is associated with decreased activity limitations in established knee osteoarthritis: Two-year follow-up study in the Amsterdam osteoarthritis cohort. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 647-654.	1.1	23
99	Postural Stability During Single-Leg Stance: A Preliminary Evaluation of Noncontact Lower Extremity Injury Risk. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 650-657.	3.5	23
100	Association of serum C-reactive protein and erythrocyte sedimentation rate with muscle strength in patients with knee osteoarthritis. <i>Rheumatology</i> , 2013, 52, 727-732.	1.9	22
101	The sit-up: complex kinematics and muscle activity in voluntary axial movement. <i>Journal of Electromyography and Kinesiology</i> , 2003, 13, 239-252.	1.7	21
102	Is knee neuromuscular activity related to anterior cruciate ligament injury risk? A pilot study. <i>Knee</i> , 2019, 26, 40-51.	1.6	21
103	Fast responses to stepping target displacements when walking. <i>Journal of Physiology</i> , 2020, 598, 1987-2000.	2.9	21
104	Is the metabolic cost of walking higher in people with diabetes?. <i>Journal of Applied Physiology</i> , 2016, 120, 55-62.	2.5	20
105	Differences in knee adduction moment between healthy subjects and patients with osteoarthritis depend on the knee axis definition. <i>Gait and Posture</i> , 2017, 53, 104-109.	1.4	20
106	Mediolateral balance and gait stability in older adults. <i>Gait and Posture</i> , 2015, 42, 79-84.	1.4	19
107	Phase-dependent changes in local dynamic stability during walking in elderly with and without knee osteoarthritis. <i>Journal of Biomechanics</i> , 2016, 49, 80-86.	2.1	17
108	Effects of attentional focus on walking stability in elderly. <i>Gait and Posture</i> , 2017, 55, 94-99.	1.4	17

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109	Age-Related Differences in Muscle Synergy Organization during Step Ascent at Different Heights and Directions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1987.	2.5	17
110	Athletes with an ACL reconstruction show a different neuromuscular response to environmental challenges compared to uninjured athletes. <i>Gait and Posture</i> , 2021, 83, 44-51.	1.4	17
111	Validation of a novel spinal posture monitor: comparison with digital videofluoroscopy. <i>European Spine Journal</i> , 2012, 21, 2633-2639.	2.2	16
112	Centre of pressure or centre of mass feedback in mediolateral balance assessment. <i>Journal of Biomechanics</i> , 2015, 48, 539-543.	2.1	16
113	Glycemia but not the Metabolic Syndrome is Associated with Cognitive Decline: Findings from the European Male Ageing Study. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 662-671.	1.2	16
114	Freezing-related perception deficits of asymmetrical walking in Parkinson's disease. <i>Neuroscience</i> , 2017, 364, 122-129.	2.3	16
115	Postural responses to target jumps and background motion in a fast pointing task. <i>Experimental Brain Research</i> , 2018, 236, 1573-1581.	1.5	16
116	Adaptations to Postural Perturbations in Patients With Freezing of Gait. <i>Frontiers in Neurology</i> , 2018, 9, 540.	2.4	16
117	Genetic predisposition score predicts the increases of knee strength and muscle mass after one-year exercise in healthy elderly. <i>Experimental Gerontology</i> , 2018, 111, 17-26.	2.8	16
118	Increased sensory noise and not muscle weakness explains changes in non-stepping postural responses following stance perturbations in healthy elderly. <i>Gait and Posture</i> , 2018, 59, 122-127.	1.4	15
119	Single-Joint and Whole-Body Movement Changes in Anterior Cruciate Ligament Athletes Returning to Sport. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1658-1667.	0.4	15
120	Changes in gait characteristics of women with early and established medial knee osteoarthritis: Results from a 2-years longitudinal study. <i>Clinical Biomechanics</i> , 2017, 50, 32-39.	1.2	15
121	Nutritional and physical exercise programs for older people: program format preferences and (dis)incentives to participate. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1259-1266.	2.9	14
122	Match Play-induced Changes in Landing Biomechanics with Special Focus on Fatigability. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1884-1894.	0.4	14
123	Virtual Reality Balance Games Provide Little Muscular Challenge to Prevent Muscle Weakness in Healthy Older Adults. <i>Games for Health Journal</i> , 2020, 9, 227-236.	2.0	14
124	Superimposed vibration confers no additional benefit compared with resistance training alone. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 827-833.	2.9	13
125	Evaluation of cognitive subdomains, 25-hydroxyvitamin D, and 1,25-dihydroxyvitamin D in the European Male Ageing Study. <i>European Journal of Nutrition</i> , 2017, 56, 2093-2103.	3.9	13
126	Exercise and Nutrition for Healthy Ageing (ENHANce) project - effects and mechanisms of action of combined anabolic interventions to improve physical functioning in sarcopenic older adults: study protocol of a triple blinded, randomized controlled trial. <i>BMC Geriatrics</i> , 2020, 20, 532.	2.7	13

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127	Calcium and Vitamin D Supplementation in Men. <i>Journal of Osteoporosis</i> , 2011, 2011, 1-6.	0.5	12
128	Bone turnover markers predict hip bone loss in elderly European men: results of the European Male Ageing Study (EMAS). <i>Osteoporosis International</i> , 2015, 26, 617-627.	3.1	12
129	Dynamic and static knee alignment at baseline predict structural abnormalities on MRI associated with medial compartment knee osteoarthritis after 2 years. <i>Gait and Posture</i> , 2017, 57, 46-51.	1.4	12
130	Weight bearing exercise can elicit similar peak muscle activation as mediumâ€“high intensity resistance exercise in elderly women. <i>European Journal of Applied Physiology</i> , 2018, 118, 531-541.	2.5	12
131	Less hip joint loading only during running rather than walking in elderly compared to young adults. <i>Gait and Posture</i> , 2017, 53, 155-161.	1.4	11
132	Are Anterior Cruciate Ligamentâ€“reconstructed Athletes More Vulnerable to Fatigue than Uninjured Athletes?. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 345-353.	0.4	11
133	Altered leverage around the ankle in people with diabetes: A natural strategy to modify the muscular contribution during walking?. <i>Gait and Posture</i> , 2017, 57, 85-90.	1.4	11
134	Changes in proprioceptive weighting during quiet standing in women with early and established knee osteoarthritis compared to healthy controls. <i>Gait and Posture</i> , 2016, 44, 184-188.	1.4	10
135	Effects of Aging on Postural Responses to Visual Perturbations During Fast Pointing. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 401.	3.4	10
136	SARC-F Is Inaccurate to Identify Geriatric Rehabilitation Inpatients at Risk for Sarcopenia: RESORT. <i>Gerontology</i> , 2022, 68, 252-260.	2.8	10
137	Split-second decisions on a split belt: does simulated limping affect obstacle avoidance?. <i>Experimental Brain Research</i> , 2012, 223, 33-42.	1.5	9
138	Dynamic Neuromuscular Control of the Lower Limbs in Response to Unexpected Single-Planar versus Multi-Planar Support Perturbations in Young, Active Adults. <i>PLoS ONE</i> , 2015, 10, e0133147.	2.5	7
139	Effects of ageing on responses to stepping-target displacements during walking. <i>European Journal of Applied Physiology</i> , 2021, 121, 127-140.	2.5	7
140	Is the manual following response an attempt to compensate for inferred self-motion?. <i>Experimental Brain Research</i> , 2019, 237, 2549-2558.	1.5	6
141	Impaired Weight-Shift Amplitude in People with Parkinsonâ€™s Disease with Freezing of Gait. <i>Journal of Parkinson's Disease</i> , 2021, 11, 1367-1380.	2.8	6
142	Dynamic position sense during a cyclical drawing movement: effects of application and withdrawal of tendon vibration. <i>Neuropsychologia</i> , 2001, 39, 510-520.	1.6	5
143	Neuromuscular and biomechanical landing alterations persist in athletes returning to sport after anterior cruciate ligament reconstruction. <i>Knee</i> , 2021, 33, 305-317.	1.6	5
144	Is motor pathology associated with setting new CNS priorities or with increased difficulty in overcoming or suppressing preexisting CNS priorities?. <i>Behavioral and Brain Sciences</i> , 1996, 19, 87-88.	0.7	4

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145	Biomechanical and neuromuscular adaptations during the landing phase of a stepping-down task in patients with early or established knee osteoarthritis. <i>Knee</i> , 2016, 23, 367-375.	1.6	4
146	Educational outreach visits to improve knee osteoarthritis management in primary care. <i>BMC Medical Education</i> , 2019, 19, 66.	2.4	3
147	Evaluation of Absenteeism, Pain, and Disability in Nurses With Persistent Low Back Pain Following Cognitive Functional Therapy: A Case Series Pilot Study With 3-Year Follow-Up. <i>Physical Therapy</i> , 2021, 101, .	2.4	3
148	Automatically Segmenting Physical Performance Test Items for Older Adults Using a Doppler Radar: A Proof of Concept Study. <i>IEEE Access</i> , 2021, 9, 152765-152779.	4.2	3
149	Kinetic and kinematic characteristics of stair negotiation in patients with medial knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S257.	1.3	2
150	Exploring Machine Learning Models Based on Accelerometer Sensor Alone or Combined With Gyroscope to Classify Home-Based Exercises and Physical Behavior in (Pre)sarcopenic Older Adults. <i>Journal for the Measurement of Physical Behaviour</i> , 2021, 4, 174-186.	0.8	2
151	Sensory Influences on Interlimb Coordination During Gait. , 2004, , 3-33.		2
152	Can Wearable Devices and Machine Learning Techniques Be Used for Recognizing and Segmenting Modified Physical Performance Test Items?. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1776-1785.	4.9	2
153	Different alterations in the sit to stand movement pattern in women with early and established medial compartment knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S95.	1.3	1
154	The influence of a patellofemoral knee brace on knee joint kinetics and kinematics in patients with knee osteoarthritis during stair negotiation. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S89.	1.3	1
155	Vibration Training for Upper Body. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 1065-1071.	2.1	1
156	Sagittal plane dynamic knee joint stiffness during gait in subjects with early and established medial knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S124.	1.3	1
157	Influence of the new EWGSOP2 consensus definition on studies involving (pre)sarcopenic older persons. Comment on "Sarcopenia" by Tournadre et al. <i>Joint Bone Spine</i> 2019;86(3):309-14. <i>Joint Bone Spine</i> , 2020, 87, 275-276.	1.6	1
158	The Genetic Effect on Muscular Changes in an Older Population: A Follow-Up Study after One-Year Cessation of Structured Training. <i>Genes</i> , 2020, 11, 968.	2.4	1
159	Personalized Protein Supplementation Improves Total Protein, Leucine, and Energy Intake in (Pre)Sarcopenic Community-Dwelling Older Adults in the ENHANce RCT. <i>Frontiers in Nutrition</i> , 2021, 8, 672971.	3.7	1
160	Preliminary Evidence of Differential Expression of Myogenic and Stress Factors in Skeletal Muscle of Older Adults With Low Muscle Strength. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, , .	3.6	1
161	Does self-reported knee instability correlate with biomechanical or neuromuscular performance characteristics during knee joint loading in patients with knee osteoarthritis?. <i>Osteoarthritis and Cartilage</i> , 2013, 21, S276.	1.3	0
162	FRIO465-HPR Association between one leg stand test, self-reported knee instability and activity limitations in patients with established knee osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 746.4-747.	0.9	0

#	ARTICLE	IF	CITATIONS
163	OP0210-HPRâ€¦Increase in Knee Muscle Strength is Associated with A Decrease in Activity Limitations in Patients with Established Knee Osteoarthritis: A 2 Years Follow-Up Study in the AMS-OA Cohort. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 142.1-142.	0.9	0
164	Changes in serum c-reactive protein and erythrocyte sedimentation rate do not associate with radiographic progression in patients with knee osteoarthritis: a 2 year follow up study in the ams-oa cohort. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S395-S396.	1.3	0
165	Neuromuscular strategies during gait in women with early and established knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S82-S83.	1.3	0
166	Subjects with severe knee osteoarthritis reduce medio-lateral forces during gait at the expense of compressive knee contact forces. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S99-S100.	1.3	0
167	THU0202â€¦Changes in Serum C-Reactive Protein and Erythrocyte Sedimentation Rate do not Associate with Radiographic Progression in Patients with Knee Osteoarthritis: A 2 Years Follow-Up Study in the AMS-OA Cohort. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 251.2-251.	0.9	0
168	THU0203â€¦Elevated C-Reactive Protein is Associated with Lower Knee Muscle Strength in Patients with Knee Osteoarthritis: A 2 Year Follow up Study in the AMS-OA Cohort. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 251.3-252.	0.9	0
169	A Prospective Evaluation of Postural Stability During the Transition from Double-leg Stance to Single-leg Stance. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 555.	0.4	0
170	Changes in proprioceptive weighting in women with knee osteoarthritis during quiet standing compared to healthy controls. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A101.	1.3	0
171	A quantitative assessment of varus thrust during walking in women with early and established medial knee osteoarthritis.. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A100.	1.3	0
172	P2â€¢419: Evaluation of 25â€¢Hydroxyvitamin D and 1,25â€¢Dihydroxyvitamin D and Cognitive Decline in the European Male Ageing Study. <i>Alzheimer's and Dementia</i> , 2016, 12, P805.	0.8	0
173	Selecting gait modification strategies for patients with knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S112-S113.	1.3	0
174	Vibration Training as Means to Counteract Age-Related Muscle and Bone Loss. , 2017, , 127-143.		0
175	Two-year vs. Four-year Structural Progressors of Knee Osteoarthritis Suggest Distinct Clinical Phenotypes. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S335.	1.3	0
176	Baseline Characteristics of Clinical, Functional and Structural Progressors over 2 years in Women with Medial Knee Osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017, 25, S342.	1.3	0
177	AB0602â€¦IMPACT OF SOCIOECONOMIC FACTORS ON PAIN AND FUNCTION IN KNEE OSTEOARTHRITIS: A SYSTEMATIC LITERATURE REVIEW. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1337.2-1337.	0.9	0
178	Interlimb Coordination in Patients with Parkinsonâ€¢s Disease: Learning Capabilities and the Importance of Augmented Visual Information. , 2019, , 273-276.		0
179	198â€¦Challenging ACL reconstructed athletes and their sensorimotor system at return-to-sport: a vital step towards exposing the roots of their neuromuscular deficits. , 2021, , .		0