

Sabine M P Verschueren

List of Publications by Year in descending order

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Version: 2024-02-01

179
papers

8,930
citations

53939

47
h-index

54771

88
g-index

181
all docs

181
docs citations

181
times ranked

9214
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. | 3.1 | 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. | 0.2 | 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. | 1.0 | 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. | 1.3 | 348 |
| 5 | Noise in human muscle spindles. <i>Nature</i> , 1996, 383, 769-770. | 13.7 | 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. | 1.0 | 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. | 1.3 | 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. | 1.7 | 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. | 1.3 | 183 |
| 10 | Relative Phase Alterations during Bimanual Skill Acquisition. <i>Journal of Motor Behavior</i> , 1995, 27, 263-274. | 0.5 | 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. | 0.6 | 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. | 1.0 | 178 |
| 13 | REVIEW ARTICLE: Reducing fracture risk with calcium and vitamin D. <i>Clinical Endocrinology</i> , 2010, 73, 277-285. | 1.2 | 154 |
| 14 | Interlimb coordination: Learning and transfer under different feedback conditions. <i>Human Movement Science</i> , 1997, 16, 749-785. | 0.6 | 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. | 0.7 | 132 |
| 16 | Exploring interlimb constraints during bimanual graphic performance: effects of muscle grouping and direction. <i>Behavioural Brain Research</i> , 1998, 90, 79-87. | 1.2 | 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. | 0.4 | 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. | 0.8 | 120 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Muscle-bone interactions: From experimental models to the clinic? A critical update. <i>Molecular and Cellular Endocrinology</i> , 2016, 432, 14-36. | 1.6 | 115 |
| 20 | Hierarchical control of different elbow-wrist coordination patterns. <i>Experimental Brain Research</i> , 1998, 121, 239-254. | 0.7 | 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. | 3.1 | 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. | 2.0 | 105 |
| 23 | The effect of aging on dynamic position sense at the ankle. <i>Behavioural Brain Research</i> , 2002, 136, 593-603. | 1.2 | 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. | 0.5 | 95 |
| 25 | Effect of Paraspinal Muscle Vibration on Position Sense of the Lumbosacral Spine. <i>Spine</i> , 1999, 24, 1328. | 1.0 | 93 |
| 26 | Frequency-dependent effects of muscle tendon vibration on corticospinal excitability: a TMS study. <i>Experimental Brain Research</i> , 2003, 151, 9-14. | 0.7 | 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. | 0.6 | 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. | 0.7 | 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. | 1.5 | 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. | 2.5 | 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. | 0.5 | 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. | 3.1 | 76 |
| 33 | Position Sensitivity of Human Muscle Spindles: Single Afferent and Population Representations. <i>Journal of Neurophysiology</i> , 2002, 87, 1186-1195. | 0.9 | 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. | 0.9 | 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. | 0.8 | 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. | 2.2 | 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. | 2.9 | 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. | 2.2 | 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. | 0.5 | 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. | 0.6 | 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. | 0.7 | 60 |
| 43 | Proprioceptive control of multijoint movement: bimanual circle drawing. <i>Experimental Brain Research</i> , 1999, 127, 182-192. | 0.7 | 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. | 0.5 | 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. | 1.4 | 55 |
| 46 | Effects of tendon vibration on the spatiotemporal characteristics of human locomotion. <i>Experimental Brain Research</i> , 2002, 143, 231-239. | 0.7 | 54 |
| 47 | Proprioceptive control of multijoint movement: unimanual circle drawing. <i>Experimental Brain Research</i> , 1999, 127, 171-181. | 0.7 | 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. | 0.8 | 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. | 0.2 | 48 |
| 50 | Vibration-Induced Changes in EMG During Human Locomotion. <i>Journal of Neurophysiology</i> , 2003, 89, 1299-1307. | 0.9 | 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. | 1.0 | 45 |
| 52 | Age Effects on Mediolateral Balance Control. <i>PLoS ONE</i> , 2014, 9, e110757. | 1.1 | 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. | 0.9 | 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. | 0.8 | 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. | 0.6 | 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. | 0.6 | 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. | 2.3 | 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. | 1.0 | 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. | 2.4 | 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. | 1.1 | 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. | 1.4 | 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. | 1.4 | 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. | 0.6 | 36 |
| 65 | Fast online corrections of tripping responses. <i>Experimental Brain Research</i> , 2014, 232, 3579-3590. | 0.7 | 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. | 0.7 | 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. | 0.6 | 35 |
| 68 | Lateral trunk lean and medializing the knee as gait strategies for knee osteoarthritis. <i>Gait and Posture</i> , 2017, 51, 247-253. | 0.6 | 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. | 0.6 | 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. | 1.6 | 32 |
| 71 | Response inhibition during avoidance of virtual obstacles while walking. <i>Gait and Posture</i> , 2014, 39, 641-644. | 0.6 | 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. | 1.0 | 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. | 0.9 | 32 |
| 74 | Understanding Motivations and Player Experiences of Older Adults in Virtual Reality Training. <i>Games for Health Journal</i> , 2018, 7, 369-376. | 1.1 | 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. | 0.9 | 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. | 0.6 | 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. | 0.5 | 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. | 1.1 | 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. | 1.9 | 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. | 0.5 | 28 |
| 82 | Frequency domain mediolateral balance assessment using a center of pressure tracking task. <i>Journal of Biomechanics</i> , 2013, 46, 2831-2836. | 0.9 | 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. | 0.5 | 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. | 0.5 | 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. | 1.0 | 27 |
| 86 | Ranking of osteogenic potential of physical exercises in postmenopausal women based on femoral neck strains. <i>PLoS ONE</i> , 2018, 13, e0195463. | 1.1 | 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. | 1.1 | 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. | 0.7 | 26 |
| 89 | Development of Quality Indicators for an Integrated Approach of Knee Osteoarthritis. <i>Journal of Rheumatology</i> , 2014, 41, 1155-1162. | 1.0 | 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. | 1.2 | 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. | 2.4 | 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. | 1.4 | 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. | 0.9 | 25 |
| 94 | Online movement control in multiple sclerosis patients with tremor: Effects of tendon vibration. <i>Movement Disorders</i> , 2006, 21, 1148-1153. | 2.2 | 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. | 1.6 | 24 |
| 96 | Hip abductor neuromuscular capacity: A limiting factor in mediolateral balance control in older adults?. <i>Clinical Biomechanics</i> , 2016, 37, 27-33. | 0.5 | 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. | 0.6 | 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. | 0.8 | 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. | 1.7 | 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. | 0.9 | 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. | 0.7 | 21 |
| 102 | Is knee neuromuscular activity related to anterior cruciate ligament injury risk? A pilot study. <i>Knee</i> , 2019, 26, 40-51. | 0.8 | 21 |
| 103 | Fast responses to stepping target displacements when walking. <i>Journal of Physiology</i> , 2020, 598, 1987-2000. | 1.3 | 21 |
| 104 | Is the metabolic cost of walking higher in people with diabetes?. <i>Journal of Applied Physiology</i> , 2016, 120, 55-62. | 1.2 | 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. | 0.6 | 20 |
| 106 | Mediolateral balance and gait stability in older adults. <i>Gait and Posture</i> , 2015, 42, 79-84. | 0.6 | 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. | 0.9 | 17 |
| 108 | Effects of attentional focus on walking stability in elderly. <i>Gait and Posture</i> , 2017, 55, 94-99. | 0.6 | 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. | 1.3 | 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. | 0.6 | 17 |
| 111 | Validation of a novel spinal posture monitor: comparison with digital videofluoroscopy. <i>European Spine Journal</i> , 2012, 21, 2633-2639. | 1.0 | 16 |
| 112 | Centre of pressure or centre of mass feedback in mediolateral balance assessment. <i>Journal of Biomechanics</i> , 2015, 48, 539-543. | 0.9 | 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. | 0.6 | 16 |
| 114 | Freezing-related perception deficits of asymmetrical walking in Parkinson's disease. <i>Neuroscience</i> , 2017, 364, 122-129. | 1.1 | 16 |
| 115 | Postural responses to target jumps and background motion in a fast pointing task. <i>Experimental Brain Research</i> , 2018, 236, 1573-1581. | 0.7 | 16 |
| 116 | Adaptations to Postural Perturbations in Patients With Freezing of Gait. <i>Frontiers in Neurology</i> , 2018, 9, 540. | 1.1 | 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. | 1.2 | 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. | 0.6 | 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. | 0.2 | 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. | 0.5 | 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. | 1.3 | 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. | 0.2 | 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. | 1.1 | 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. | 1.3 | 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. | 1.8 | 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. | 1.1 | 13 |

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|-----|--|-----|-----------|
| 127 | Calcium and Vitamin D Supplementation in Men. <i>Journal of Osteoporosis</i> , 2011, 2011, 1-6. | 0.1 | 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. | 1.3 | 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. | 0.6 | 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. | 1.2 | 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. | 0.6 | 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. | 0.2 | 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. | 0.6 | 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. | 0.6 | 10 |
| 135 | Effects of Aging on Postural Responses to Visual Perturbations During Fast Pointing. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 401. | 1.7 | 10 |
| 136 | SARC-F Is Inaccurate to Identify Geriatric Rehabilitation Inpatients at Risk for Sarcopenia: RESORT. <i>Gerontology</i> , 2022, 68, 252-260. | 1.4 | 10 |
| 137 | Split-second decisions on a split belt: does simulated limping affect obstacle avoidance?. <i>Experimental Brain Research</i> , 2012, 223, 33-42. | 0.7 | 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. | 1.1 | 7 |
| 139 | Effects of ageing on responses to stepping-target displacements during walking. <i>European Journal of Applied Physiology</i> , 2021, 121, 127-140. | 1.2 | 7 |
| 140 | Is the manual following response an attempt to compensate for inferred self-motion?. <i>Experimental Brain Research</i> , 2019, 237, 2549-2558. | 0.7 | 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. | 1.5 | 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. | 0.7 | 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. | 0.8 | 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. | 0.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
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