

# Ivan Bautmans

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                    |                          |                |                 |
|--------------------|--------------------------|----------------|-----------------|
| 144<br>papers      | 9,401<br>citations       | 42<br>h-index  | 95<br>g-index   |
| 151<br>ext. papers | 12,600<br>ext. citations | 4.6<br>avg, IF | 5.98<br>L-index |

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 144 | Spieren en spierfunctie <b>2022</b> , 77-102   |     |           |
| 143 | The effect of resistance exercise on the immune cell function in humans: A systematic review.. <i>Experimental Gerontology</i> , <b>2022</b> , 164, 111822   | 4.5 | 0         |
| 142 | Does psychological resilience mediate the relation between daily functioning and prefrailty status?. <i>International Psychogeriatrics</i> , <b>2021</b> , 1-10  | 3.4 | 0         |
| 141 | The effects of exercise interventions on the inflammatory profile of older adults: A systematic review of the recent literature. <i>Experimental Gerontology</i> , <b>2021</b> , 146, 111236   | 4.5 | 12        |
| 140 | Sarcopenia <b>2021</b> , 403-420   |     |           |
| 139 | Fatigue and the prediction of negative health outcomes: A systematic review with meta-analysis. <i>Ageing Research Reviews</i> , <b>2021</b> , 67, 101261  | 12  | 13        |
| 138 | Systematic review on the effects of physical exercise on cellular immunosenescence-related markers - An update. <i>Experimental Gerontology</i> , <b>2021</b> , 149, 111318  | 4.5 | 6         |
| 137 | Muscle changes after stroke and their impact on recovery: time for a paradigm shift? Review and commentary. <i>Topics in Stroke Rehabilitation</i> , <b>2021</b> , 28, 104-111   | 2.6 | 2         |
| 136 | Nutritional interventions to improve muscle mass, muscle strength, and physical performance in older people: an umbrella review of systematic reviews and meta-analyses. <i>Nutrition Reviews</i> , <b>2021</b> , 79, 121-147                    | 6.4 | 41        |
| 135 | A Comprehensive Overview of Activities of Daily Living in Existing Frailty Instruments: A Systematic Literature Search. <i>Gerontologist, The</i> , <b>2021</b> , 61, e12-e22  | 5   | 10        |
| 134 | Prefrailty: The Relationship Between Daily Activities and Social Participation in Older Persons. <i>Journal of Applied Gerontology</i> , <b>2021</b> , 733464821991007   | 3.3 | 1         |
| 133 | Effect of Antihypertensive and Statin Medication Use on Muscle Performance in Community-Dwelling Older Adults Performing Strength Training. <i>Drugs and Aging</i> , <b>2021</b> , 38, 253-263   | 4.7 | 3         |
| 132 | The interrelationship between grip work, self-perceived fatigue and pre-frailty in community-dwelling octogenarians. <i>Experimental Gerontology</i> , <b>2021</b> , 152, 111440   | 4.5 | 0         |
| 131 | Hearing aid use and gender differences in the auditory-cognitive cascade in the oldest old.. <i>Aging and Mental Health</i> , <b>2021</b> , 1-9  | 3.5 | 0         |
| 130 | The role of inflammaging and advanced glycation end products on paratonia in patients with dementia. <i>Experimental Gerontology</i> , <b>2020</b> , 142, 111125   | 4.5 | 3         |
| 129 | Safety and tolerability of 6-month supplementation with a vitamin D, calcium and leucine-enriched whey protein medical nutrition drink in sarcopenic older adults. <i>Aging Clinical and Experimental Research</i> , <b>2020</b> , 32, 1501-1514 | 4.8 | 4         |
| 128 | Muscle fatigability measured with Pneumatic and Hydraulic handgrip systems are not interchangeable. <i>Experimental Gerontology</i> , <b>2020</b> , 136, 110950  | 4.5 | 1         |

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| 127 | Equation models developed with bioelectric impedance analysis tools to assess muscle mass: A systematic review. <i>Clinical Nutrition ESPEN</i> , <b>2020</b> , 35, 47-62   | 1.3  | 16   |
| 126 | Analysis of inflammatory markers and hormones in old cancer patients: A descriptive study. <i>Experimental Gerontology</i> , <b>2020</b> , 130, 110787  | 4.5  | 4    |
| 125 | Is inflammageing influenced by the microbiota in the aged gut? A systematic review. <i>Experimental Gerontology</i> , <b>2020</b> , 141, 111079   | 4.5  | 20   |
| 124 | Paratonia in Dementia: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 78, 1615-1637   | 4.3  | 3    |
| 123 | Grip Work Measurement with the Jamar Dynamometer: Validation of a Simple Equation for Clinical Use. <i>Journal of Nutrition, Health and Aging</i> , <b>2019</b> , 23, 221-224   | 5.2  | 7    |
| 122 | The operationalization of fatigue in frailty scales: a systematic review. <i>Ageing Research Reviews</i> , <b>2019</b> , 53, 100911   | 12   | 6    |
| 121 | Trunk inclination and hip extension mobility, but not thoracic kyphosis angle, are related to 3D-accelerometry based gait alterations and increased fall-risk in older persons. <i>Gait and Posture</i> , <b>2019</b> , 72, 89-95   | 2.6  | 6    |
| 120 | Effectiveness of a multimodal intervention in functionally impaired older people with type 2 diabetes mellitus. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2019</b> , 10, 721-733   | 10.3 | 56   |
| 119 | Thirteen weeks of supplementation of vitamin D and leucine-enriched whey protein nutritional supplement attenuates chronic low-grade inflammation in sarcopenic older adults: the PROVIDE study. <i>Aging Clinical and Experimental Research</i> , <b>2019</b> , 31, 845-854                                  | 4.8  | 31   |
| 118 | Standard error of measurement and smallest detectable change of the Sarcopenia Quality of Life (SarQoL) questionnaire: An analysis of subjects from 9 validation studies. <i>PLoS ONE</i> , <b>2019</b> , 14, e0216065  | 3.7  | 15   |
| 117 | Exercise Interventions for the Prevention and Treatment of Sarcopenia. A Systematic Umbrella Review. <i>Journal of Nutrition, Health and Aging</i> , <b>2019</b> , 23, 494-502  | 5.2  | 88   |
| 116 | Assessment of Muscle Function and Physical Performance in Daily Clinical Practice : A position paper endorsed by the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO). <i>Calcified Tissue International</i> , <b>2019</b> , 105, 1-14 | 3.9  | 156  |
| 115 | Association Between Immunosenescence Phenotypes and Pre-frailty in Older Subjects: Does Cytomegalovirus Play a Role?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 480-488  | 6.4  | 15   |
| 114 | Evaluation of appendicular lean mass using bio impedance in persons aged 80+: A new equation based on the BUTTERFLY-study. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1756-1764  | 5.9  | 7    |
| 113 | Six weeks of strength endurance training decreases circulating senescence-prone T-lymphocytes in cytomegalovirus seropositive but not seronegative older women. <i>Immunity and Ageing</i> , <b>2019</b> , 16, 17   | 9.7  | 9    |
| 112 | A Vitamin D, Calcium and Leucine-Enriched Whey Protein Nutritional Supplement Improves Measures of Bone Health in Sarcopenic Non-Malnourished Older Adults: The PROVIDE Study. <i>Calcified Tissue International</i> , <b>2019</b> , 105, 383-391   | 3.9  | 12   |
| 111 | Sarcopenia: revised European consensus on definition and diagnosis. <i>Age and Ageing</i> , <b>2019</b> , 48, 16-31   | 3    | 3263 |
| 110 | Strength Endurance Training but Not Intensive Strength Training Reduces Senescence-Prone T Cells in Peripheral Blood in Community-Dwelling Elderly Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 1870-1878                                    | 6.4  | 17   |

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| 109 | Reaction time in healthy elderly is associated with chronic low-grade inflammation and advanced glycation end product. <i>Experimental Gerontology</i> , <b>2018</b> , 108, 118-124  | 4.5  | 6   |
| 108 | Increasing use of cognitive measures in the operational definition of frailty-A systematic review. <i>Ageing Research Reviews</i> , <b>2018</b> , 43, 10-16  | 12   | 22  |
| 107 | Pitfalls in the measurement of muscle mass: a need for a reference standard. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2018</b> , 9, 269-278  | 10.3 | 294 |
| 106 | Psychometric Properties of the MyotonPRO in Dementia Patients with Paratonia. <i>Gerontology</i> , <b>2018</b> , 64, 401-412   | 5.5  | 11  |
| 105 | Advanced Glycation End Products Are Associated With Physical Activity and Physical Functioning in the Older Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 1545-1551 | 6.4  | 18  |
| 104 | Self-perceived fatigue in adolescents in relation to body composition and physical outcomes. <i>Pediatric Research</i> , <b>2018</b> , 83, 420-424   | 3.2  | 6   |
| 103 | Effect of Transcutaneous Electric Nerve Stimulation on Pain after Total Knee Arthroplasty: A Blind Randomized Controlled Trial. <i>Journal of Knee Surgery</i> , <b>2018</b> , 31, 189-196   | 2.4  | 2   |
| 102 | Sufficient levels of 25-hydroxyvitamin D and protein intake required to increase muscle mass in sarcopenic older adults - The PROVIDE study. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 551-557                                       | 5.9  | 62  |
| 101 | Does nutrition play a role in the prevention and management of sarcopenia?. <i>Clinical Nutrition</i> , <b>2018</b> , 37, 1121-1132  | 5.9  | 179 |
| 100 | Pharmacological Interventions to Improve Muscle Mass, Muscle Strength and Physical Performance in Older People: An Umbrella Review of Systematic Reviews and Meta-analyses. <i>Drugs and Aging</i> , <b>2018</b> , 35, 719-734           | 4.7  | 61  |
| 99  | Martin Vigorimeter assesses muscle fatigability in older adults better than the Jamar Dynamometer. <i>Experimental Gerontology</i> , <b>2018</b> , 111, 65-70  | 4.5  | 8   |
| 98  | The Authors reply: "Dual energy X-ray absorptiometry: gold standard for muscle mass?" by Scafoglieri et al. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2018</b> , 9, 788-790   | 10.3 | 2   |
| 97  | Improved cognitive functioning in obese adolescents after a 30-week inpatient weight loss program. <i>Pediatric Research</i> , <b>2018</b> , 84, 267-271   | 3.2  | 9   |
| 96  | Translation and validation of the Dutch SarQoL, a quality of life questionnaire specific to sarcopenia. <i>Journal of Musculoskeletal Neuronal Interactions</i> , <b>2018</b> , 18, 463-472  | 1.3  | 13  |
| 95  | Age-related differences in rate of power development exceed differences in peak power. <i>Experimental Gerontology</i> , <b>2018</b> , 101, 95-100   | 4.5  | 12  |
| 94  | The authors reply: Letter on: "Pitfalls in the measurement of muscle mass: a need for a reference standard" by Clark et al. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2018</b> , 9, 1272-1274                               | 10.3 | 6   |
| 93  | International Clinical Practice Guidelines for Sarcopenia (ICFSR): Screening, Diagnosis and Management. <i>Journal of Nutrition, Health and Aging</i> , <b>2018</b> , 22, 1148-1161  | 5.2  | 276 |
| 92  | White blood cell counts in a geriatric hospitalized population: A poor diagnostic marker of infection. <i>Experimental Gerontology</i> , <b>2018</b> , 114, 87-92  | 4.5  | 3   |

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|----|---|------|-----|
| 91 | Impact of drugs with anti-inflammatory effects on skeletal muscle and inflammation: A systematic literature review. <i>Experimental Gerontology</i> , <b>2018</b> , 114, 33-49  | 4.5  | 17  |
| 90 | Predicting appendicular lean and fat mass with bioelectrical impedance analysis in older adults with physical function decline - The PROVIDE study. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 869-875                                       | 5.9  | 36  |
| 89 | Effects of resistance training at different loads on inflammatory markers in young adults. <i>European Journal of Applied Physiology</i> , <b>2017</b> , 117, 511-519   | 3.4  | 36  |
| 88 | Sex difference in the heat shock response to high external load resistance training in older humans. <i>Experimental Gerontology</i> , <b>2017</b> , 93, 46-53  | 4.5  | 5   |
| 87 | Peripheral muscle fatigue in hospitalised geriatric patients is associated with circulating markers of inflammation. <i>Experimental Gerontology</i> , <b>2017</b> , 95, 128-135  | 4.5  | 10  |
| 86 | Validation of the SarQoL <sup>®</sup> , a specific health-related quality of life questionnaire for Sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2017</b> , 8, 238-244  | 10.3 | 94  |
| 85 | The effects of exercise on muscle strength, body composition, physical functioning and the inflammatory profile of older adults: a systematic review. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2017</b> , 20, 30-53 | 3.8  | 66  |
| 84 | Association between advanced glycation end-products and functional performance in Alzheimer's disease and mixed dementia. <i>International Psychogeriatrics</i> , <b>2017</b> , 29, 1525-1534   | 3.4  | 7   |
| 83 | Handgrip strength shows no improvements in geriatric patients with persistent inflammation during hospitalization. <i>Experimental Gerontology</i> , <b>2017</b> , 99, 115-119  | 4.5  | 9   |
| 82 | Early diagnosis of mild cognitive impairment and mild dementia through basic and instrumental activities of daily living: Development of a new evaluation tool. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002250                               | 11.6 | 58  |
| 81 | Force-time characteristics during sustained maximal handgrip effort according to age and clinical condition. <i>Experimental Gerontology</i> , <b>2017</b> , 98, 192-198  | 4.5  | 12  |
| 80 | Training load does not affect detraining's effect on muscle volume, muscle strength and functional capacity among older adults. <i>Experimental Gerontology</i> , <b>2017</b> , 98, 30-37   | 4.5  | 19  |
| 79 | Exercise in knee osteoarthritis: do treatment outcomes relate to bone marrow lesions? A randomized trial. <i>Disability and Rehabilitation</i> , <b>2017</b> , 39, 1847-1855  | 2.4  | 3   |
| 78 | Effects of Physical Exercise on Markers of Cellular Immunosenescence: A Systematic Review. <i>Calcified Tissue International</i> , <b>2017</b> , 100, 193-215   | 3.9  | 44  |
| 77 | High Versus Low Load Resistance Training: The Effect of 24 Weeks Detraining on Serum Brain Derived-Neurotrophic Factor (BDNF) in Older Adults. <i>Journal of Frailty &amp; Aging, the</i> , <b>2017</b> , 6, 53-58                              | 2.6  | 5   |
| 76 | Advanced Glycation End-Products Are Associated With the Presence and Severity of Paratonia in Early Stage Alzheimer Disease. <i>Journal of the American Medical Directors Association</i> , <b>2017</b> , 18, 636.e7-636.e12                    | 5.9  | 15  |
| 75 | Spieren en spierfunctie <b>2017</b> , 49-67   |      |     |
| 74 | Frailty and the Prediction of Negative Health Outcomes: A Meta-Analysis. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 1163.e1-1163.e17  | 5.9  | 326 |

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|----|--|------|-----|
| 73 | Validity and test-retest reliability of the Stride Analyzer in people with knee osteoarthritis. <i>Gait and Posture</i> , <b>2016</b> , 49, 155-158  | 2.6  | 4   |
| 72 | The Contribution of Advanced Glycation End product (AGE) accumulation to the decline in motor function. <i>European Review of Aging and Physical Activity</i> , <b>2016</b> , 13, 3  | 6.5  | 20  |
| 71 | An Administrator's Perspective on the Organization of Physical Activity for Older Adults in Long-Term Care Facilities. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 75-84  | 5.9  | 19  |
| 70 | Recommendations for the conduct of clinical trials for drugs to treat or prevent sarcopenia. <i>Aging Clinical and Experimental Research</i> , <b>2016</b> , 28, 47-58   | 4.8  | 69  |
| 69 | Transfer factor, lung volumes, resistance and ventilation distribution in healthy adults. <i>European Respiratory Journal</i> , <b>2016</b> , 47, 166-76   | 13.6 | 43  |
| 68 | Load-Specific Inflammation Mediating Effects of Resistance Training in Older Persons. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 547-52  | 5.9  | 22  |
| 67 | Linking Frailty Instruments to the International Classification of Functioning, Disability, and Health: A Systematic Review. <i>Journal of the American Medical Directors Association</i> , <b>2016</b> , 17, 1066.e1-1066.e11   | 5.9  | 33  |
| 66 | Sarcopenia in daily practice: assessment and management. <i>BMC Geriatrics</i> , <b>2016</b> , 16, 170   | 4.1  | 270 |
| 65 | Low- and High-Resistance Exercise: Long-Term Adherence and Motivation among Older Adults. <i>Gerontology</i> , <b>2015</b> , 61, 551-60  | 5.5  | 39  |
| 64 | The Influence of Joint Loading on Bone Marrow Lesions in the Knee: A Systematic Review With Meta-analysis. <i>American Journal of Sports Medicine</i> , <b>2015</b> , 43, 3093-107   | 6.8  | 25  |
| 63 | Physiotherapists' perceived motivators and barriers for organizing physical activity for older long-term care facility residents. <i>Journal of the American Medical Directors Association</i> , <b>2015</b> , 16, 371-9   | 5.9  | 17  |
| 62 | Exercise in knee osteoarthritis--preliminary findings: Exercise-induced pain and health status differs between drop-outs and retainers. <i>Experimental Gerontology</i> , <b>2015</b> , 72, 29-37  | 4.5  | 13  |
| 61 | Age-related differences in muscle recruitment and reaction-time performance. <i>Experimental Gerontology</i> , <b>2015</b> , 70, 125-30  | 4.5  | 9   |
| 60 | Effects of a vitamin D and leucine-enriched whey protein nutritional supplement on measures of sarcopenia in older adults, the PROVIDE study: a randomized, double-blind, placebo-controlled trial. <i>Journal of the American Medical Directors Association</i> , <b>2015</b> , 16, 740-7 | 5.9  | 350 |
| 59 | Aging-associated subpopulations of human CD8+ T-lymphocytes identified by their CD28 and CD57 phenotypes. <i>Archives of Gerontology and Geriatrics</i> , <b>2015</b> , 61, 494-502  | 4    | 18  |
| 58 | Dose- and gender-specific effects of resistance training on circulating levels of brain derived neurotrophic factor (BDNF) in community-dwelling older adults. <i>Experimental Gerontology</i> , <b>2015</b> , 70, 144-9   | 4.5  | 41  |
| 57 | Development of a self-administrated quality of life questionnaire for sarcopenia in elderly subjects: the SarQoL. <i>Age and Ageing</i> , <b>2015</b> , 44, 960-6  | 3    | 60  |
| 56 | Motivators and barriers for physical activity in older adults with osteoporosis. <i>Journal of Geriatric Physical Therapy</i> , <b>2015</b> , 38, 105-14   | 3.2  | 31  |

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| 55 | Multiple myeloma induces Mcl-1 expression and survival of myeloid-derived suppressor cells. <i>Oncotarget</i> , <b>2015</b> , 6, 10532-47  | 3.3 | 49  |
| 54 | Shifts in subsets of CD8+ T-cells as evidence of immunosenescence in patients with cancers affecting the lungs: an observational case-control study. <i>BMC Cancer</i> , <b>2015</b> , 15, 1016  | 4.8 | 18  |
| 53 | Chemotherapy-induced changes and immunosenescence of CD8+ T-cells in patients with breast cancer. <i>Anticancer Research</i> , <b>2015</b> , 35, 1481-9  | 2.3 | 27  |
| 52 | Relationship between vitamin D and inflammatory markers in older individuals. <i>Age</i> , <b>2014</b> , 36, 9694  |     | 57  |
| 51 | Strength training reduces circulating interleukin-6 but not brain-derived neurotrophic factor in community-dwelling elderly individuals. <i>Age</i> , <b>2014</b> , 36, 9704   |     | 37  |
| 50 | Identification and treatment of older persons with sarcopenia. <i>Aging Male</i> , <b>2014</b> , 17, 199-204   | 2.1 | 21  |
| 49 | The influence of strength training on muscle activation in elderly persons: a systematic review and meta-analysis. <i>Experimental Gerontology</i> , <b>2014</b> , 58, 58-68   | 4.5 | 50  |
| 48 | A systematic review investigating the relationship between efficacy and stimulation parameters when using transcutaneous electrical nerve stimulation after knee arthroplasty. <i>SAGE Open Medicine</i> , <b>2014</b> , 2, 2050312114539318 | 2.4 | 2   |
| 47 | Shortcomings in the application of multicolour flow cytometry in lymphocyte subsets enumeration. <i>Scandinavian Journal of Immunology</i> , <b>2014</b> , 79, 75-89   | 3.4 | 12  |
| 46 | Effect of advanced glycation end product intake on inflammation and aging: a systematic review. <i>Nutrition Reviews</i> , <b>2014</b> , 72, 638-50  | 6.4 | 88  |
| 45 | Use of anthropometry for the prediction of regional body tissue distribution in adults: benefits and limitations in clinical practice <b>2014</b> , 5, 373-93  |     | 10  |
| 44 | Recovery of muscular performance after surgical stress in elderly patients. <i>Current Pharmaceutical Design</i> , <b>2014</b> , 20, 3215-21   | 3.3 | 6   |
| 43 | Quality of life in sarcopenia and frailty. <i>Calcified Tissue International</i> , <b>2013</b> , 93, 101-20  | 3.9 | 235 |
| 42 | The advanced activities of daily living: a tool allowing the evaluation of subtle functional decline in mild cognitive impairment. <i>Journal of Nutrition, Health and Aging</i> , <b>2013</b> , 17, 64-71                                   | 5.2 | 36  |
| 41 | Osteoarthritis of the knee: why does exercise work? A qualitative study of the literature. <i>Ageing Research Reviews</i> , <b>2013</b> , 12, 226-36   | 12  | 66  |
| 40 | Strength training at high versus low external resistance in older adults: effects on muscle volume, muscle strength, and force-velocity characteristics. <i>Experimental Gerontology</i> , <b>2013</b> , 48, 1351-61                         | 4.5 | 110 |
| 39 | Accuracy and concordance of anthropometry for measuring regional fat distribution in adults aged 20-55 years. <i>American Journal of Human Biology</i> , <b>2013</b> , 25, 63-70   | 2.7 | 7   |
| 38 | Assessment of regional adipose tissue depots: a DXA and CT comparison in cadavers of elderly persons. <i>Experimental Gerontology</i> , <b>2013</b> , 48, 985-91   | 4.5 | 14  |



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| 37 | Impact of external resistance and maximal effort on force-velocity characteristics of the knee extensors during strengthening exercise: a randomized controlled experiment. <i>Journal of Strength and Conditioning Research</i> , <b>2013</b> , 27, 1118-27   | 3.2  | 13  |
| 36 | Effect of tens on pain in relation to central sensitization in patients with osteoarthritis of the knee: study protocol of a randomized controlled trial. <i>Trials</i> , <b>2012</b> , 13, 21   | 2.8  | 15  |
| 35 | Immunomodulatory effect of NSAID in geriatric patients with acute infection: effects of piroxicam on chemokine/cytokine secretion patterns and levels of heat shock proteins. A double-blind randomized controlled trial. (ISRCTN58517443). <i>Cell Stress and Chaperones</i> , <b>2012</b> , 17, 255-65 | 4    | 9   |
| 34 | Cellular aging and senescence characteristics of human T-lymphocytes. <i>Biogerontology</i> , <b>2012</b> , 13, 169-81   | 4.5  | 37  |
| 33 | Inflammation-related muscle weakness and fatigue in geriatric patients. <i>Experimental Gerontology</i> , <b>2012</b> , 47, 52-9   | 4.5  | 45  |
| 32 | Chronic low-grade inflammation and age-related sarcopenia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2012</b> , 15, 12-22   | 3.8  | 245 |
| 31 | The multiple hop test: a discriminative or evaluative instrument for chronic ankle instability?. <i>Clinical Journal of Sport Medicine</i> , <b>2012</b> , 22, 228-33  | 3.2  | 11  |
| 30 | Prediction of segmental lean mass using anthropometric variables in young adults. <i>Journal of Sports Sciences</i> , <b>2012</b> , 30, 777-85   | 3.6  | 14  |
| 29 | Conversion of the Mini-Mental State Examination to the International Classification of Functioning, Disability and Health terminology and scoring system. <i>Gerontology</i> , <b>2012</b> , 58, 112-9   | 5.5  | 8   |
| 28 | Motivators and barriers for physical activity in the oldest old: a systematic review. <i>Ageing Research Reviews</i> , <b>2011</b> , 10, 464-74  | 12   | 180 |
| 27 | Reliability and clinical correlates of 3D-accelerometry based gait analysis outcomes according to age and fall-risk. <i>Gait and Posture</i> , <b>2011</b> , 33, 366-72  | 2.6  | 123 |
| 26 | Letter to the editor re: "The effect of non-steroidal anti-inflammatory agents on behavioural changes and cytokine production following systemic inflammation: implications for a role of COX-1." by Teeling et al. <i>Brain, Behavior, and Immunity</i> , <b>2011</b> , 25, 584-5; author reply 586     | 16.6 | 3   |
| 25 | Contrôle de qualité global de 157 formules de prédiction de l'adiposité chez l'homme. Une étude originale. <i>Science and Sports</i> , <b>2011</b> , 26, 131-142   | 0.8  |     |
| 24 | Age-related differences in pre-movement antagonist muscle co-activation and reaction-time performance. <i>Experimental Gerontology</i> , <b>2011</b> , 46, 637-42  | 4.5  | 17  |
| 23 | Direct relationship of body mass index and waist circumference with body tissue distribution in elderly persons. <i>Journal of Nutrition, Health and Aging</i> , <b>2011</b> , 15, 924-31  | 5.2  | 15  |
| 22 | Grip work estimation during sustained maximal contraction: validity and relationship with dependency and inflammation in elderly persons. <i>Journal of Nutrition, Health and Aging</i> , <b>2011</b> , 15, 731-6  | 5.2  | 34  |
| 21 | Effects on muscle performance of NSAID treatment with piroxicam versus placebo in geriatric patients with acute infection-induced inflammation. A double blind randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , <b>2011</b> , 12, 292   | 2.8  | 26  |
| 20 | Circulating heat shock protein 70 in health, aging and disease. <i>BMC Immunology</i> , <b>2011</b> , 12, 24   | 3.7  | 56  |



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|----|--|-----|-----|
| 19 | Rehabilitation using manual mobilization for thoracic kyphosis in elderly postmenopausal patients with osteoporosis. <i>Journal of Rehabilitation Medicine</i> , <b>2010</b> , 42, 129-35  | 3.4 | 62  |
| 18 | Formules de prédiction de l'adiposité chez la femme [contrôle de qualité]. <i>Science and Sports</i> , <b>2010</b> , 25, 291-303   | 0.8 |     |
| 17 | Surgery-induced inflammation in relation to age, muscle endurance, and self-perceived fatigue. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2010</b> , 65, 266-73   | 6.4 | 45  |
| 16 | Strength training does not influence serum brain-derived neurotrophic factor. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 110, 285-93  | 3.4 | 101 |
| 15 | Biochemical Changes in Response to Intensive Resistance Exercise Training in the Elderly. <i>Heat Shock Proteins</i> , <b>2010</b> , 365-385   | 0.2 | 2   |
| 14 | Sarcopenia and functional decline: pathophysiology, prevention and therapy. <i>Acta Clinica Belgica</i> , <b>2009</b> , 64, 303-16   | 1.8 | 44  |
| 13 | Muscle endurance in elderly nursing home residents is related to fatigue perception, mobility, and circulating tumor necrosis factor-alpha, interleukin-6, and heat shock protein 70. <i>Journal of the American Geriatrics Society</i> , <b>2008</b> , 56, 389-96 | 5.6 | 49  |
| 12 | No influence of noradrenaline manipulation on acute exercise-induced increase of brain-derived neurotrophic factor. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1990-6  | 1.2 | 42  |
| 11 | Dysphagia in elderly nursing home residents with severe cognitive impairment can be attenuated by cervical spine mobilization. <i>Journal of Rehabilitation Medicine</i> , <b>2008</b> , 40, 755-60  | 3.4 | 24  |
| 10 | No Influence Of Administration Of A Selective Noradrenaline Re-uptake Inhibitor On The Acute Exerciseinduced Increase In Serum Bdnf In Healthy Men. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, S299                                    | 1.2 |     |
| 9  | Handgrip performance in relation to self-perceived fatigue, physical functioning and circulating IL-6 in elderly persons without inflammation. <i>BMC Geriatrics</i> , <b>2007</b> , 7, 5  | 4.1 | 95  |
| 8  | Heat shock proteins and chemokine/cytokine secretion profile in ageing and inflammation. <i>Mechanisms of Ageing and Development</i> , <b>2007</b> , 128, 450-4  | 5.6 | 36  |
| 7  | A fatigue resistance test for elderly persons based on grip strength: reliability and comparison with healthy young subjects. <i>Aging Clinical and Experimental Research</i> , <b>2005</b> , 17, 217-22   | 4.8 | 44  |
| 6  | Biochemical changes in response to intensive resistance exercise training in the elderly. <i>Gerontology</i> , <b>2005</b> , 51, 253-65  | 5.5 | 68  |
| 5  | The feasibility of Whole Body Vibration in institutionalised elderly persons and its influence on muscle performance, balance and mobility: a randomised controlled trial [ISRCTN62535013]. <i>BMC Geriatrics</i> , <b>2005</b> , 5, 17                            | 4.1 | 198 |
| 4  | Circulating acute phase mediators and skeletal muscle performance in hospitalized geriatric patients. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2005</b> , 60, 361-7   | 6.4 | 94  |
| 3  | The six-minute walk test in community dwelling elderly: influence of health status. <i>BMC Geriatrics</i> , <b>2004</b> , 4, 6   | 4.1 | 100 |
| 2  | The influence of celecoxib on muscle fatigue resistance and mobility in elderly patients with inflammation. <i>American Journal of Geriatric Pharmacotherapy</i> , <b>2004</b> , 2, 230-8  |     | 35  |

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