

Ari Heinonen

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.

212
papers

10,337
citations

56
h-index

95
g-index

227
ext. papers

11,275
ext. citations

4.2
avg, IF

5.73
L-index

#	Paper	IF	Citations
212	Injury History and Perceived Knee Function as Risk Factors for Knee Injury in Youth Team-Sports Athletes.. <i>Sports Health</i> , 2022 , 19417381211065443	4.7	0
211	Validation of Knee KL-classifying Deep Neural Network with Finnish Patient Data. <i>Intelligent Systems, Control and Automation: Science and Engineering</i> , 2022 , 177-188	0.6	
210	Does baseline leisure-time physical activity level predict future depressive symptoms or physical activity among depressive patients? Findings from a Finnish five-year cohort study. <i>Nordic Journal of Psychiatry</i> , 2021 , 75, 356-361	2.3	0
209	Association between lower extremity muscle strength and acute ankle injury in youth team-sports athletes. <i>Physical Therapy in Sport</i> , 2021 , 48, 188-195	3	2
208	Relationship between physical activity and predicted home presenteeism among participants with depressive symptoms with and without clinical depression. Findings from Finnish Depression and Metabolic Syndrome in Adults (FDMSA) study. <i>European Journal of Psychiatry</i> , 2021 , 35, 75-82	1	
207	The standing knee lift test is not a useful screening tool for time loss from low back pain in youth basketball and floorball players. <i>Physical Therapy in Sport</i> , 2021 , 49, 141-148	3	1
206	Regular Strength and Sprint Training Counteracts Bone Aging: A 10-Year Follow-Up in Male Masters Athletes. <i>JBMR Plus</i> , 2021 , 5, e10513	3.9	2
205	Effectiveness of Distance Technology in Promoting Physical Activity in Cardiovascular Disease Rehabilitation: Cluster Randomized Controlled Trial, A Pilot Study. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2021 , 8, e20299	3.2	1
204	Physical activity and ability to meet different work requirements among adult working men with or without current depressive symptoms. <i>International Archives of Occupational and Environmental Health</i> , 2021 , 94, 451-458	3.2	1
203	Physiotherapists' experiences of direct access for clients with musculoskeletal pain and dysfunction: a qualitative study. <i>European Journal of Physiotherapy</i> , 2021 , 23, 55-62	0.5	2
202	Age-Related Declines in Lower Limb Muscle Function are Similar in Power and Endurance Athletes of Both Sexes: A Longitudinal Study of Master Athletes. <i>Calcified Tissue International</i> , 2021 , 1	3.9	0
201	Greater maintenance of bone mineral content in male than female athletes and in sprinting and jumping than endurance athletes: a longitudinal study of bone strength in elite masters athletes. <i>Archives of Osteoporosis</i> , 2020 , 15, 87	2.9	7
200	Performance in dynamic movement tasks and occurrence of low back pain in youth floorball and basketball players. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 350	2.8	2
199	Physical function and lean body mass as predictors of bone loss after hip fracture: a prospective follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 367	2.8	
198	Ankle and knee extensor muscle effort during locomotion in young and older athletes: Implications for understanding age-related locomotor decline. <i>Scientific Reports</i> , 2020 , 10, 2801	4.9	8
197	Altered hip control during a standing knee-lift test is associated with increased risk of knee injuries. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 922-931	4.6	8
196	Effects of progressive aquatic resistance training on symptoms and quality of life in women with knee osteoarthritis: A secondary analysis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 1064-1072	4.6	7

195	Minimal clinically important difference and minimal detectable change of the World Health Organization Disability Assessment Schedule 2.0 (WHODAS 2.0) amongst patients with chronic musculoskeletal pain. <i>Clinical Rehabilitation</i> , 2020 , 34, 1506-1511	3.3	4
194	Absence of an aging-related increase in fiber type grouping in athletes and non-athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 2057-2069	4.6	6
193	There Is No Relationship Between Lower Extremity Alignment During Unilateral and Bilateral Drop Jumps and the Risk of Knee or Ankle Injury: A Prospective Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020 , 50, 267-274	4.2	3
192	Association between lower extremity muscular strength and acute knee injuries in young team-sport athletes. <i>Translational Sports Medicine</i> , 2020 , 3, 626-637	1.3	5
191	Leisure time physical activity and its relation to psychiatric comorbidities in depression. Findings from Finnish Depression and Metabolic Syndrome in Adults (FDMSA) study. <i>Journal of Affective Disorders</i> , 2019 , 259, 150-153	6.6	5
190	Effects of a Home-Based Physical Rehabilitation Program on Tibial Bone Structure, Density, and Strength After Hip Fracture: A Secondary Analysis of a Randomized Controlled Trial. <i>JBMR Plus</i> , 2019 , 3, e10175	3.9	2
189	Effectiveness of Technology-Based Distance Physical Rehabilitation Interventions for Improving Physical Functioning in Stroke: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019 , 100, 1339-1358	2.8	8
188	Relationships of leisure-time physical activity and work ability between different occupational physical demands in adult working men. <i>International Archives of Occupational and Environmental Health</i> , 2019 , 92, 739-746	3.2	14
187	Poor Pelvic Control During A Knee Lift Test Is Associated With Increased Risk Of Knee Injuries. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 143-143	1.2	
186	Counselling for physical activity, life-space mobility and falls prevention in old age (COSMOS): protocol of a randomised controlled trial. <i>BMJ Open</i> , 2019 , 9, e029682	3	4
185	Floor and ceiling effects of the World Health Organization Disability Assessment Schedule 2.0 among patients with chronic musculoskeletal pain. <i>International Journal of Rehabilitation Research</i> , 2019 , 42, 190-192	1.8	5
184	Gender-related differences in psychometric properties of WHO Disability Assessment Schedule 2.0. <i>International Journal of Rehabilitation Research</i> , 2019 , 42, 316-321	1.8	0
183	Association between frontal plane knee control and lower extremity injuries: a prospective study on young team sport athletes. <i>BMJ Open Sport and Exercise Medicine</i> , 2018 , 4, e000311	3.4	26
182	From "Non-encounters" to autonomic agency. Conceptions of patients with low back pain about their encounters in the health care system. <i>Musculoskeletal Care</i> , 2018 , 16, 269-277	1.6	18
181	Effectiveness of technology-based distance physical rehabilitation interventions on physical activity and walking in multiple sclerosis: a systematic review and meta-analysis of randomized controlled trials. <i>Disability and Rehabilitation</i> , 2018 , 40, 373-387	2.4	21
180	Acute injuries in Finnish junior floorball league players. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 268-273	4.4	16
179	Does level of leisure time physical activity, in a sample of patients with depression, predict health care utilization over a subsequent 5-year period? Findings from a Finnish cohort study. <i>Mental Health and Physical Activity</i> , 2018 , 15, 40-44	5	5
178	Incidence and risk factors for back pain in young floorball and basketball players: A Prospective study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 2407-2415	4.6	8

177	Relations between subdomains of physical activity, sedentary lifestyle, and quality of life in young adult men. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018 , 28, 1389-1396	4.6	20
176	Gaming for health across various areas of life 2018 ,		2
175	Whole body frontal plane mechanics across walking, running, and sprinting in young and older adults. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017 , 27, 956-963	4.6	4
174	Comment on "Effects of Elastic Resistance Band Exercise on Postural Balance, Estrogen, Bone Metabolism Index, and Muscle Strength of Perimenopausal Period Women". <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 880-881	5.6	1
173	Effects of high intensity resistance aquatic training on body composition and walking speed in women with mild knee osteoarthritis: a 4-month RCT with 12-month follow-up. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 1238-1246	6.2	40
172	Exercise therapy for functional capacity in chronic diseases: an overview of meta-analyses of randomised controlled trials. <i>British Journal of Sports Medicine</i> , 2017 , 51, 1459-1465	10.3	41
171	Physical Activity Is Related with Cartilage Quality in Women with Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1323-1330	1.2	16
170	Effects of a 20-week high-intensity strength and sprint training program on tibial bone structure and strength in middle-aged and older male sprint athletes: a randomized controlled trial. <i>Osteoporosis International</i> , 2017 , 28, 2663-2673	5.3	11
169	High ankle injury rate in adolescent basketball: A 3-year prospective follow-up study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017 , 27, 643-649	4.6	31
168	Effect of progressive high-impact exercise on femoral neck structural strength in postmenopausal women with mild knee osteoarthritis: a 12-month RCT. <i>Osteoporosis International</i> , 2017 , 28, 1323-1333	5.3	9
167	Association between radiography-based subchondral bone structure and MRI-based cartilage composition in postmenopausal women with mild osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 2039-2046	6.2	7
166	Effectiveness of technology-based distance interventions promoting physical activity: Systematic review, meta-analysis and meta-regression. <i>Journal of Rehabilitation Medicine</i> , 2017 , 49, 97-105	3.4	15
165	Effectiveness of physical activity promoting technology-based distance interventions compared to usual care. Systematic review, meta-analysis and meta-regression. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017 , 53, 953-967	4.4	17
164	Epidemiology of Overuse Injuries in Youth Team Sports: A 3-year Prospective Study. <i>International Journal of Sports Medicine</i> , 2017 , 38, 847-856	3.6	24
163	Progression of untreated mild thoracic Scheuermann's kyphosis—Radiographic and functional assessment after mean follow-up of 46½ years. <i>Journal of Orthopaedic Science</i> , 2017 , 22, 652-657	1.6	7
162	Response to the comments on "Effects of high intensity aquatic resistance training on body composition and walking speed in women with mild knee osteoarthritis: a 4-month RCT with 12-month follow-up". <i>Osteoarthritis and Cartilage</i> , 2017 , 25, e19-e20	6.2	0
161	Declining Physical Performance Associates with Serum FasL, miR-21, and miR-146a in Aging Sprinters. <i>BioMed Research International</i> , 2017 , 2017, 8468469	3	9
160	What Makes a 97-Year-Old Man Cycle 5,000 km a Year?. <i>Gerontology</i> , 2016 , 62, 508-12	5.5	10

159	The effect of aquatic exercise on physical functioning in the older adult: a systematic review with meta-analysis. <i>Age and Ageing</i> , 2016 , 45, 593-601	3	24
158	477 Injury risk in finnish youth floorball: a one-year prospective follow-up study. <i>Injury Prevention</i> , 2016 , 22, A173.2-A173	3.2	
157	Low Back Pain in Young Basketball and Floorball Players. <i>Clinical Journal of Sport Medicine</i> , 2016 , 26, 376-80	3.2	21
156	Intensity is a subjective construct. <i>Osteoporosis International</i> , 2016 , 27, 2391-2392	5.3	2
155	Walking and Running Require Greater Effort from the Ankle than the Knee Extensor Muscles. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2181-2189	1.2	25
154	Efficacy of progressive aquatic resistance training for tibiofemoral cartilage in postmenopausal women with mild knee osteoarthritis: a randomised controlled trial. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 1708-1717	6.2	34
153	Effects of a home-based physical rehabilitation program on physical disability after hip fracture: a randomized controlled trial. <i>Journal of the American Medical Directors Association</i> , 2015 , 16, 350.e1-7	5.9	40
152	Knee extensor and flexor muscle power explains stair ascension time in patients with unilateral late-stage knee osteoarthritis: a cross-sectional study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015 , 96, 253-9	2.8	22
151	Predictors of lower extremity injuries in team sports (PROFITS-study): a study protocol. <i>BMJ Open Sport and Exercise Medicine</i> , 2015 , 1, e000076	3.4	24
150	Effects of Exercise on Patellar Cartilage in Women with Mild Knee Osteoarthritis. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1767-74	1.2	26
149	Combined resistance and balance-jumping exercise reduces older women's injurious falls and fractures: 5-year follow-up study. <i>Age and Ageing</i> , 2015 , 44, 784-9	3	29
148	Knowledge translation from continuing education to physiotherapy practice in classifying patients with low back pain. <i>Journal of Manual and Manipulative Therapy</i> , 2015 , 23, 68-74	1.6	2
147	Too Fit To Fracture: outcomes of a Delphi consensus process on physical activity and exercise recommendations for adults with osteoporosis with or without vertebral fractures. <i>Osteoporosis International</i> , 2015 , 26, 891-910	5.3	68
146	Health benefits of different sport disciplines for adults: systematic review of observational and intervention studies with meta-analysis. <i>British Journal of Sports Medicine</i> , 2015 , 49, 434-40	10.3	163
145	Bone and cartilage characteristics in postmenopausal women with mild knee radiographic osteoarthritis and those without radiographic osteoarthritis. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2015 , 15, 69-77	1.3	11
144	Too Fit To Fracture: exercise recommendations for individuals with osteoporosis or osteoporotic vertebral fracture. <i>Osteoporosis International</i> , 2014 , 25, 821-35	5.3	122
143	Too Fit To Fracture: a consensus on future research priorities in osteoporosis and exercise. <i>Osteoporosis International</i> , 2014 , 25, 1465-72	5.3	25
142	Interventions to prevent sports related injuries: a systematic review and meta-analysis of randomised controlled trials. <i>Sports Medicine</i> , 2014 , 44, 473-86	10.6	82

141	Tibial and fibular mid-shaft bone traits in young and older sprinters and non-athletic men. <i>Calcified Tissue International</i> , 2014 , 95, 132-40	3.9	26
140	Effect of therapeutic aquatic exercise on symptoms and function associated with lower limb osteoarthritis: systematic review with meta-analysis. <i>Physical Therapy</i> , 2014 , 94, 1383-95	3.3	48
139	Sense of coherence: effect on adherence and response to resistance training in older people with hip fracture history. <i>Journal of Aging and Physical Activity</i> , 2014 , 22, 138-45	1.6	8
138	Walking recovery after a hip fracture: a prospective follow-up study among community-dwelling over 60-year old men and women. <i>BioMed Research International</i> , 2014 , 2014, 289549	3	30
137	Evidence for the effectiveness of walking training on walking and self-care after stroke: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Rehabilitation Medicine</i> , 2014 , 46, 387-99	3.4	34
136	Which muscles compromise human locomotor performance with age?. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20140858	4.1	52
135	LOW BACK PAIN IN YOUNG TEAM SPORT PLAYERS: A RETROSPECTIVE STUDY. <i>British Journal of Sports Medicine</i> , 2014 , 48, 651.1-651	10.3	3
134	Effects of high-impact training on bone and articular cartilage: 12-month randomized controlled quantitative MRI study. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 192-201	6.3	44
133	Training-related risk factors in the etiology of overuse injuries in endurance sports. <i>Journal of Sports Medicine and Physical Fitness</i> , 2014 , 54, 78-87	1.4	10
132	Relationship between lower limb neuromuscular performance and bone strength in postmenopausal women with mild knee osteoarthritis. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2014 , 14, 418-24	1.3	4
131	Relationship between ventilatory function and age in master athletes and a sedentary reference population. <i>Age</i> , 2013 , 35, 1007-15		34
130	Balance confidence and functional balance are associated with physical disability after hip fracture. <i>Gait and Posture</i> , 2013 , 37, 201-5	2.6	9
129	Improved femoral neck BMD in older Finnish women between 2002 and 2010. <i>Maturitas</i> , 2013 , 75, 241-55		4
128	Differential effects of exercise on tibial shaft marrow density in young female athletes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2037-44	5.6	47
127	Effects of a rehabilitation program on perceived environmental barriers in older patients recovering from hip fracture: a randomized controlled trial. <i>BioMed Research International</i> , 2013 , 2013, 769645	3	8
126	Diffusion capacity of the lung in young and old endurance athletes. <i>International Journal of Sports Medicine</i> , 2013 , 34, 1051-7	3.6	13
125	Effects of a progressive aquatic resistance exercise program on the biochemical composition and morphology of cartilage in women with mild knee osteoarthritis: protocol for a randomised controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2013 , 14, 82	2.8	18
124	Maximal voluntary isokinetic knee flexion torque is associated with femoral shaft bone strength indices in knee replacement patients. <i>Knee</i> , 2012 , 19, 116-9	2.6	

123	Effects of exercise on health-related quality of life and fear of falling in home-dwelling older women. <i>Journal of Aging and Physical Activity</i> , 2012 , 20, 198-214	1.6	14
122	Effects of intensive strength-power training on sense of coherence among 60-85-year-old people with hip fracture: a randomized controlled trial. <i>Aging Clinical and Experimental Research</i> , 2012 , 24, 295-9	4.8	17
121	Effectiveness of constraint-induced movement therapy on activity and participation after stroke: a systematic review and meta-analysis of randomized controlled trials. <i>Clinical Rehabilitation</i> , 2012 , 26, 209-23	3.3	72
120	Effects of progressive resistance training on physical disability among older community-dwelling people with history of hip fracture. <i>Aging Clinical and Experimental Research</i> , 2012 , 24, 171-5	4.8	16
119	Untreated Scheuermann's disease: a 37-year follow-up study. <i>European Spine Journal</i> , 2012 , 21, 819-24	2.7	66
118	. <i>European Journal of Sport Science</i> , 2012 , 12, 274-282	3.9	30
117	Effects of physiotherapy interventions on balance in multiple sclerosis: a systematic review and meta-analysis of randomized controlled trials. <i>Journal of Rehabilitation Medicine</i> , 2012 , 44, 811-23	3.4	111
116	Effects of high-impact training and detraining on femoral neck structure in premenopausal women: a hip structural analysis of an 18-month randomized controlled exercise intervention with 3.5-year follow-up. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , 2012 , 64, 98-105	0.8	19
115	Bone density, structure and strength, and their determinants in aging sprint athletes. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2340-9	1.2	22
114	Maintenance of aquatic training-induced benefits on mobility and lower-extremity muscles among persons with unilateral knee replacement. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 1944-50	2.8	22
113	Exercise loading and cortical bone distribution at the tibial shaft. <i>Bone</i> , 2011 , 48, 786-91	4.7	44
112	LBP-1.13 LEEP coinisation and the risk for preterm birth: new health registry based data from Finland. <i>Sexually Transmitted Infections</i> , 2011 , 87, A357-A357	2.8	1
111	Promoting mobility after hip fracture (ProMo): study protocol and selected baseline results of a year-long randomized controlled trial among community-dwelling older people. <i>BMC Musculoskeletal Disorders</i> , 2011 , 12, 277	2.8	23
110	Flexible multibody approach in forward dynamic simulation of locomotive strains in human skeleton with flexible lower body bones. <i>Multibody System Dynamics</i> , 2011 , 25, 395-409	2.8	24
109	Three-month bilateral hopping intervention is ineffective in initiating bone biomarker response in healthy elderly men. <i>European Journal of Applied Physiology</i> , 2011 , 111, 2155-62	3.4	15
108	Influence of long-term postmenopausal hormone-replacement therapy on estimated structural bone strength: a study in discordant monozygotic twins. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 546-52	6.3	10
107	The use of the flexible multibody approach for lower body skeletal loading analysis. <i>Procedia IUTAM</i> , 2011 , 2, 93-100		1
106	Virtual reality based robotic therapy for stroke rehabilitation: An initial study 2011 ,		3

105	A full body musculoskeletal model based on flexible multibody simulation approach utilised in bone strain analysis during human locomotion. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2011 , 14, 573-9	2.1	12
104	Comments on the article titled 'Component mode synthesis approach to estimate tibial strains in gait', <i>Journal of Medical Engineering & Technology</i> , 33, pp. 488-495, 2009. <i>Journal of Medical Engineering and Technology</i> , 2011 , 35, 441-2	1.8	
103	An open source approach for regional cortical bone mineral density analysis. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2011 , 11, 243-8	1.3	36
102	Side-to-side differences in bone strength in master jumpers and sprinters. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2011 , 11, 298-305	1.3	22
101	Inter- and intra-tester reliability of selected clinical tests in examining patients with early phase lumbar spine and sacroiliac joint pain and dysfunction. <i>Advances in Physiotherapy</i> , 2010 , 12, 74-80		9
100	EXPLORING THE POLITICAL-ECONOMIC FACTORS OF PARTICIPATORY JOURNALISM. <i>Journalism Practice</i> , 2010 , 4, 285-296	1.2	46
99	Neuromuscular performance and body mass as indices of bone loading in premenopausal and postmenopausal women. <i>Bone</i> , 2010 , 46, 964-9	4.7	21
98	Effects of aquatic resistance training on mobility limitation and lower-limb impairments after knee replacement. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010 , 91, 833-9	2.8	52
97	Type of sport is related to injury profile: a study on cross country skiers, swimmers, long-distance runners and soccer players. A retrospective 12-month study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010 , 20, 384-93	4.6	73
96	Direction-specific diaphyseal geometry and mineral mass distribution of tibia and fibula: a pQCT study of female athletes representing different exercise loading types. <i>Calcified Tissue International</i> , 2010 , 86, 447-54	3.9	56
95	Self-reported preclinical mobility limitation and fall history as predictors of future falls in older women: prospective cohort study. <i>Osteoporosis International</i> , 2010 , 21, 689-93	5.3	15
94	Cross-sectional geometry of weight-bearing tibia in female athletes subjected to different exercise loadings. <i>Osteoporosis International</i> , 2010 , 21, 1687-94	5.3	78
93	Seventy-year-old habitual volleyball players have larger tibial cross-sectional area and may be differentiated from their age-matched peers by the osteogenic index in dynamic performance. <i>European Journal of Applied Physiology</i> , 2010 , 109, 651-8	3.4	7
92	Targeted exercise against osteoporosis: A systematic review and meta-analysis for optimising bone strength throughout life. <i>BMC Medicine</i> , 2010 , 8, 47	11.4	267
91	Lower-limb pain, disease, and injury burden as determinants of muscle strength deficit after hip fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91, 1720-8	5.6	12
90	Outdoor and indoor falls as predictors of mobility limitation in older women. <i>Age and Ageing</i> , 2009 , 38, 757-61	3	32
89	Long-term effect of physical activity counseling on mobility limitation among older people: a randomized controlled study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009 , 64, 83-9	6.4	27
88	Muscle deficits persist after unilateral knee replacement and have implications for rehabilitation. <i>Physical Therapy</i> , 2009 , 89, 1072-9	3.3	71

87	Reproducibility of imaging human knee cartilage by delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) at 1.5 Tesla. <i>Osteoarthritis and Cartilage</i> , 2009 , 17, 559-64	6.2	68
86	Maintenance of exercise-induced benefits in physical functioning and bone among elderly women. <i>Osteoporosis International</i> , 2009 , 20, 665-74	5.3	40
85	Targeted exercises against hip fragility. <i>Osteoporosis International</i> , 2009 , 20, 1321-8	5.3	95
84	Muscle cross-sectional area and structural bone strength share genetic and environmental effects in older women. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 338-45	6.3	18
83	Long-term leisure time physical activity and properties of bone: a twin study. <i>Journal of Bone and Mineral Research</i> , 2009 , 24, 1427-33	6.3	40
82	Outcome comparison among working adults with centralizing low back pain: Secondary analysis of a randomized controlled trial with 1-year follow-up. <i>Advances in Physiotherapy</i> , 2009 , 11, 210-217		13
81	Bone rigidity to neuromuscular performance ratio in young and elderly men. <i>Bone</i> , 2009 , 45, 956-63	4.7	21
80	Health-related quality of life and physical activity in persons at high risk for type 2 diabetes. <i>Disability and Rehabilitation</i> , 2009 , 31, 799-805	2.4	20
79	Inter-tester Reliability in Classifying Acute and Subacute Low Back Pain Patients into Clinical Subgroups: A Comparison of Specialists and Non-Specialists. A Pilot Study. <i>Journal of Manual and Manipulative Therapy</i> , 2009 , 17, 221-9	1.6	6
78	Short-term bone biochemical response to a single bout of high-impact exercise. <i>Journal of Sports Science and Medicine</i> , 2009 , 8, 553-9	2.7	18
77	Gender differences in sport injury risk and types of injuries: a retrospective twelve-month study on cross-country skiers, swimmers, long-distance runners and soccer players. <i>Journal of Sports Science and Medicine</i> , 2009 , 8, 443-51	2.7	32
76	Effects of resistance training on lower-extremity impairments in older people with hip fracture. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008 , 89, 1667-74	2.8	45
75	The effects of muscle strength and power training on mobility among older hip fracture patients. <i>Advances in Physiotherapy</i> , 2008 , 10, 195-202		9
74	Shifting the focus in fracture prevention from osteoporosis to falls. <i>BMJ, The</i> , 2008 , 336, 124-6	5.9	270
73	Orthopaedic manual therapy, McKenzie method or advice only for low back pain in working adults: a randomized controlled trial with one year follow-up. <i>Journal of Rehabilitation Medicine</i> , 2008 , 40, 858-63	3.4	60
72	Load-specific differences in the structure of femoral neck and tibia between world-class moguls skiers and slalom skiers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008 , 18, 145-53	4.6	23
71	Genetic and environmental influence on structural strength of weight-bearing and non-weight-bearing bone: a twin study. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 492-8	6.3	27
70	Neuromuscular performance and bone structural characteristics in young healthy men and women. <i>European Journal of Applied Physiology</i> , 2008 , 102, 215-22	3.4	28

69	Analysis of dynamic strains in tibia during human locomotion based on flexible multibody approach integrated with magnetic resonance imaging technique. <i>Multibody System Dynamics</i> , 2008 , 20, 287-306	2.8	20
68	Flexible multibody simulation approach in the analysis of tibial strain during walking. <i>Journal of Biomechanics</i> , 2008 , 41, 1036-43	2.9	49
67	Transmission of vertical whole body vibration to the human body. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1318-25	6.3	146
66	Physiological effects of walking and cycling to work. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2007 , 1, 151-157	4.6	57
65	Effects of equivolume strength training programmes of low, medium and high resistance on maximal isometric strength in sedentary women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2007 , 3, 104-109	4.6	2
64	A multi-component exercise regimen to prevent functional decline and bone fragility in home-dwelling elderly women: randomized, controlled trial. <i>Osteoporosis International</i> , 2007 , 18, 453-62	5.3	135
63	Impaired geometric properties of tibia in older women with hip fracture history. <i>Osteoporosis International</i> , 2007 , 18, 1083-90	5.3	22
62	Prevention of sports injuries: systematic review of randomized controlled trials. <i>Archives of Internal Medicine</i> , 2007 , 167, 1585-92		62
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