

Harri K Pihlajamäki

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

5,915
citations

57631

44
h-index

79541

73
g-index

107
all docs

107
docs citations

107
times ranked

5548
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortality and cause of death in hip fracture patients aged 65 or older - a population-based study. BMC Musculoskeletal Disorders, 2011, 12, 105.	0.8	422
2	An association of serum vitamin D concentrations $\leq 40\text{ nmol/L}$ with acute respiratory tract infection in young Finnish men. American Journal of Clinical Nutrition, 2007, 86, 714-717.	2.2	354
3	Incidence and Risk Factors of Acute Traumatic Primary Patellar Dislocation. Medicine and Science in Sports and Exercise, 2008, 40, 606-611.	0.2	234
4	Association Between Serum 25(OH)D Concentrations and Bone Stress Fractures in Finnish Young Men. Journal of Bone and Mineral Research, 2006, 21, 1483-1488.	3.1	212
5	Vitamin D Supplementation for the Prevention of Acute Respiratory Tract Infection: A Randomized, Double-blind Trial among Young Finnish Men. Journal of Infectious Diseases, 2010, 202, 809-814.	1.9	168
6	The Treatment of Nonunions Following Intramedullary Nailing of Femoral Shaft Fractures. Journal of Orthopaedic Trauma, 2002, 16, 394-402.	0.7	162
7	Treatment with and without Initial Stabilizing Surgery for Primary Traumatic Patellar Dislocation. Journal of Bone and Joint Surgery - Series A, 2009, 91, 263-273.	1.4	157
8	Femoral Avulsion of the Medial Patellofemoral Ligament after Primary Traumatic Patellar Dislocation Predicts Subsequent Instability in Men. American Journal of Sports Medicine, 2009, 37, 1513-1521.	1.9	142
9	Arthroscopic Surgery for Primary Traumatic Patellar Dislocation. American Journal of Sports Medicine, 2008, 36, 2301-2309.	1.9	136
10	MR Imaging of Overuse Injuries of the Achilles Tendon. American Journal of Roentgenology, 2000, 175, 251-260.	1.0	133
11	Testing of nine different xeno-free culture media for human embryonic stem cell cultures. Human Reproduction, 2007, 22, 1231-1238.	0.4	129
12	Late Foreign-Body Reaction to an Intraosseous Bioabsorbable Polylactic Acid Screw. A Case Report*. Journal of Bone and Joint Surgery - Series A, 1998, 80, 1791-4.	1.4	118
13	Significant Change in the Surgical Treatment of Distal Radius Fractures: A Nationwide Study Between 1998 and 2008 in Finland. Journal of Trauma, 2011, 71, 939-943.	2.3	114
14	Fatigue stress injuries of the pelvic bones and proximal femur: evaluation with MR imaging. European Radiology, 2003, 13, 605-611.	2.3	103
15	Risk Factors for Bone Stress Injuries. Medicine and Science in Sports and Exercise, 2007, 39, 1061-1066.	0.2	101
16	Ligament Reconstruction versus Distal Realignment for Patellar Dislocation. Clinical Orthopaedics and Related Research, 2008, 466, 1475-1484.	0.7	100
17	CD marker expression profiles of human embryonic stem cells and their neural derivatives, determined using flow-cytometric analysis, reveal a novel CD marker for exclusion of pluripotent stem cells. Stem Cell Research, 2009, 2, 113-124.	0.3	95
18	Coverage and accuracy of diagnosis of cruciate ligament injury in the Finnish National Hospital Discharge Register. Injury, 2008, 39, 1373-1376.	0.7	77

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19	Declining incidence of surgery for Achilles tendon rupture follows publication of major RCTs: evidence-influenced change evident using the Finnish registry study. <i>British Journal of Sports Medicine</i> , 2015, 49, 1084-1086.	3.1	75
20	Risk factors of acute and overuse musculoskeletal injuries among young conscripts: a population-based cohort study. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 104.	0.8	73
21	Body Composition by DEXA and Its Association With Physical Fitness in 140 Conscripts. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 2242-2247.	0.2	72
22	Bone Stress Injuries in Asymptomatic Elite Recruits. <i>American Journal of Sports Medicine</i> , 2005, 33, 272-276.	1.9	70
23	Reliability of Clinical Findings and Magnetic Resonance Imaging for the Diagnosis of Chondromalacia Patellae. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 927-934.	1.4	68
24	Trends in the surgical treatment of proximal humeral fractures – a nationwide 23-year study in Finland. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 261.	0.8	68
25	Similarly derived and cultured hESC lines show variation in their developmental potential towards neuronal cells in long-term culture. <i>Regenerative Medicine</i> , 2010, 5, 749-762.	0.8	66
26	A mini-invasive adductor magnus tendon transfer technique for medial patellofemoral ligament reconstruction: a technical note. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 508-512.	2.3	64
27	Bone stress injuries of the talus in military recruits. <i>Bone</i> , 2006, 39, 199-204.	1.4	63
28	Surgical Versus Functional Treatment for Acute Ruptures of the Lateral Ligament Complex of the Ankle in Young Men. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 2367-2374.	1.4	63
29	Long-term outcome of undisplaced fatigue fractures of the femoral neck in young male adults. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2006, 88-B, 1574-1579.	3.4	62
30	Patellofemoral osteoarthritis in patients with operative treatment for patellar dislocation: a magnetic resonance-based analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011, 19, 230-235.	2.3	61
31	Bone Stress Injuries of the Ankle and Foot. <i>American Journal of Sports Medicine</i> , 2007, 35, 643-649.	1.9	60
32	Posterolateral lumbosacral fusion with transpedicular fixation: 63 consecutive cases followed for 4 (2-6) years. <i>Acta Orthopaedica</i> , 1996, 67, 63-68.	1.4	59
33	Magnetic Resonance Imaging During Healing of Surgically Repaired Achilles Tendon Ruptures. <i>American Journal of Sports Medicine</i> , 1997, 25, 164-171.	1.9	58
34	Long-term tissue response to bioabsorbable poly-L-lactide and metallic screws: An experimental study. <i>Bone</i> , 2006, 39, 932-937.	1.4	56
35	Comparison of Bioabsorbable Pins and Nails in the Fixation of Adult Osteochondritis Dissecans Fragments of the Knee. <i>American Journal of Sports Medicine</i> , 2007, 35, 1467-1476.	1.9	56
36	Aetiology and risk factors of musculoskeletal disorders in physically active conscripts: a follow-up study in the Finnish Defence Forces. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 146.	0.8	56

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37	Specific Features Associated with Femoral Shaft Fractures Caused by Low-Energy Trauma. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 43, 117-122.	1.1	56
38	Neuromuscular training with injury prevention counselling to decrease the risk of acute musculoskeletal injury in young men during military service: a population-based, randomised study. BMC Medicine, 2011, 9, 35.	2.3	55
39	Musculoskeletal disorders in physically active conscripts: a one-year follow-up study in the Finnish Defence Forces. BMC Musculoskeletal Disorders, 2009, 10, 89.	0.8	54
40	Petrochanteric fracture of the femur in the Finnish National Hospital Discharge Register: validity of procedural coding, external cause for injury and diagnosis. BMC Musculoskeletal Disorders, 2014, 15, 98.	0.8	52
41	Brachial Plexus Lesions after Backpack Carriage in Young Adults. Clinical Orthopaedics and Related Research, 2006, 452, 205-209.	0.7	49
42	Child Mental Health Problems and Obesity in Early Adulthood. Journal of Pediatrics, 2010, 156, 93-97.	0.9	47
43	Role of overweight and obesity in low back disorders among men: a longitudinal study with a life course approach. BMJ Open, 2015, 5, e007805.	0.8	46
44	Genetic predisposition for femoral neck stress fractures in military conscripts. BMC Genetics, 2010, 11, 95.	2.7	45
45	Sports activity and the use of cigarettes and snus among young males in Finland in 1999-2010. BMC Public Health, 2012, 12, 230.	1.2	45
46	Long-Term Outcome After Surgical Treatment of Unresolved Osgood-Schlatter Disease in Young Men. Journal of Bone and Joint Surgery - Series A, 2009, 91, 2350-2358.	1.4	43
47	Surgical treatment of humeral-shaft fractures: A register-based study in Finland between 1987 and 2009. Injury, 2012, 43, 1704-1708.	0.7	43
48	In vivo monitoring of the degradation process of bioresorbable polymeric implants using magnetic resonance imaging. Biomaterials, 1997, 18, 1311-1315.	5.7	42
49	Consolidation of Craniotomy Lines after Resorbable Polylactide and Titanium Plating: A Comparative Experimental Study in Sheep. Plastic and Reconstructive Surgery, 1998, 101, 123-133.	0.7	42
50	Medial patellofemoral ligament avulsion injury at the patella: classification and clinical outcome. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 2414-2418.	2.3	42
51	Displaced Femoral Neck Fatigue Fractures in Military Recruits. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1989.	1.4	41
52	Excision of Painful Bipartite Patella: Good Long-term Outcome in Young Adults. Clinical Orthopaedics and Related Research, 2008, 466, 2848-2855.	0.7	37
53	Low physical fitness is a strong predictor of health problems among young men: a follow-up study of 1411 male conscripts. BMC Public Health, 2011, 11, 590.	1.2	37
54	Monitoring and analysis of dynamic growth of human embryonic stem cells: comparison of automated instrumentation and conventional culturing methods. BioMedical Engineering OnLine, 2007, 6, 11.	1.3	36

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55	MR imaging of fatigue stress injuries to bones: intra- and interobserver agreement. <i>Magnetic Resonance Imaging</i> , 2002, 20, 401-406.	1.0	35
56	Incidence and trends of low back pain hospitalisation during military service – An analysis of 387,070 Finnish young males. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 10.	0.8	35
57	Pre- and perioperative predictors of changes in mobility and living arrangements after hip fracture – A population-based study. <i>Archives of Gerontology and Geriatrics</i> , 2015, 61, 182-189.	1.4	35
58	Predictors of low back pain in physically active conscripts with special emphasis on muscular fitness. <i>Spine Journal</i> , 2012, 12, 737-748.	0.6	34
59	Low back pain and its risk indicators: a survey of 7,040 Finnish male conscripts. <i>European Spine Journal</i> , 2008, 17, 64-69.	1.0	32
60	Bone Stress Injuries Are Common in Female Military Trainees: A Preliminary Study. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 2962-2969.	0.7	32
61	Comparison of absorbable poly-L-lactide and metallic intramedullary rods in the fixation of femoral shaft osteotomies: an experimental study in rabbits. <i>Journal of Orthopaedic Science</i> , 2001, 6, 160-166.	0.5	31
62	Tissue response to polyglycolide, polydioxanone, polylevolactide, and metallic pins in cancellous bone: An experimental study on rabbits. <i>Journal of Orthopaedic Research</i> , 2006, 24, 1597-1606.	1.2	31
63	Stress Injuries of the Calcaneus Detected with Magnetic Resonance Imaging in Military Recruits. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2237.	1.4	29
64	Long-Term Outcome After Surgical Treatment of Unresolved Osgood-Schlatter Disease in Young Men. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010, 92, 258-264.	1.4	28
65	Use of dietary supplements and anabolic-androgenic steroids among Finnish adolescents in 1991 – 2005. <i>European Journal of Public Health</i> , 2010, 20, 306-311.	0.1	28
66	Arthroscopic resection of medial plica of the knee in young adults. <i>Knee</i> , 2010, 17, 103-107.	0.8	27
67	Surgical treatment of clavicular fractures in Finland – A register based study between 1987 and 2010. <i>Injury</i> , 2013, 44, 1899-1903.	0.7	27
68	Outcomes of Stress Fractures of the Talus. <i>American Journal of Sports Medicine</i> , 2006, 34, 1809-1814.	1.9	26
69	Comparison of 1.5T and 3T MRI scanners in evaluation of acute bone stress in the foot. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 128.	0.8	26
70	Neuromuscular Exercise and Counseling Decrease Absenteeism Due to Low Back Pain in Young Conscripts. <i>Spine</i> , 2013, 38, 375-384.	1.0	25
71	Surgical procedures in femoral neck fractures in Finland: a nationwide study between 1998 and 2011. <i>International Orthopaedics</i> , 2014, 38, 1685-1690.	0.9	25
72	Fatigue Bone Injuries Causing Anterior Lower Leg Pain. <i>Clinical Orthopaedics and Related Research</i> , 2006, 444, 216-223.	0.7	24

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73	Tissue Restoration After Implantation of Polyglycolide, Polydioxanone, Polylevolactide, and Metallic Pins in Cortical Bone: An Experimental Study in Rabbits. <i>Calcified Tissue International</i> , 2010, 87, 90-98.	1.5	24
74	Transmission electron microscopic visualization of the degradation and phagocytosis of a poly-L-lactide screw in cancellous bone: A long-term experimental study. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 61, 33-39.	3.0	23
75	Hospitalisation for injuries among Finnish conscripts in 1990–1999. <i>Accident Analysis and Prevention</i> , 2006, 38, 99-104.	3.0	23
76	Bone Stress Injuries Causing Exercise-Induced Knee Pain. <i>American Journal of Sports Medicine</i> , 2006, 34, 78-83.	1.9	23
77	Strength retention of self-reinforced drawn poly-L/DL-lactide 70/30 (SR-PLA70) rods and fixation properties of distal femoral osteotomies with these rods. An experimental study on rats. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000, 11, 1411-1428.	1.9	22
78	MR Imaging of Biodegradable Polylevolactide Osteosynthesis Devices in the Ankle. <i>Journal of Orthopaedic Trauma</i> , 1997, 11, 559-564.	0.7	22
79	Sensitivity of Routine 1.0-Tesla Magnetic Resonance Imaging Versus Arthroscopy as Gold Standard in Fresh Traumatic Chondral Lesions of the Knee in Young Adults. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2006, 22, 1033-1039.	1.3	21
80	Nature and risk factors of injury hospitalization in young adults: A follow-up of 135,987 military conscripts. <i>Scandinavian Journal of Public Health</i> , 2007, 35, 418-423.	1.2	21
81	Displaced Fatigue Fractures of the Femoral Shaft. <i>Clinical Orthopaedics and Related Research</i> , 2003, 409, 250-259.	0.7	20
82	Magnetic Resonance Imaging in Acute Traumatic and Chronic Meniscal Tears of the Knee. <i>American Journal of Sports Medicine</i> , 2009, 37, 1003-1008.	1.9	20
83	Tyrosine-derived polycarbonate membrane in treating mandibular bone defects. An experimental study. <i>Journal of the Royal Society Interface</i> , 2006, 3, 629-635.	1.5	19
84	Decreased glomerular filtration rate estimated by 2009 CKD-EPI equation predicts mortality in older hip fracture population. <i>Injury</i> , 2016, 47, 1536-1542.	0.7	19
85	Regular physical exercise before entering military service may protect young adult men from fatigue fractures. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 126.	0.8	18
86	Comparison of the tissue response to absorbable self-reinforced polylactide screws and metallic screws in the fixation of cancellous bone osteotomies: An experimental study on the rabbit distal femur. <i>Journal of Orthopaedic Research</i> , 1997, 15, 398-407.	1.2	17
87	Recovery of brachial plexus lesions resulting from heavy backpack use: A follow-up case series. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 62.	0.8	17
88	Quality of diet and food choices of Finnish young men: a sociodemographic and health behaviour approach. <i>Public Health Nutrition</i> , 2010, 13, 980-986.	1.1	16
89	Trends in Hospitalization for Firearm-Related Injury in Finland From 1990 to 2003. <i>Journal of Trauma</i> , 2006, 61, 1222-1227.	2.3	15
90	Enveloping bioabsorbable polyglycolide membrane and immobilization in achilles tendon repair: A comparative experimental study on rabbits. <i>Journal of Orthopaedic Research</i> , 2008, 26, 264-270.	1.2	13

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91	The impact of polyglycolide membrane on a tendon after surgical rejoining. A histological and histomorphometric analysis in rabbits. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 987-993.	2.1	12
92	Incidence and risk factors of exercise-related knee disorders in young adult men. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 340.	0.8	12
93	Long-term Vertebral Changes Attributable to Postoperative Lumbar Discitis. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 97-105.	0.7	11
94	InÂvivo degradation of poly(DTE carbonate) membranes. Analysis of the tissue reactions and mechanical properties. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 53-58.	1.7	11
95	Orthotic insoles do not prevent physical stress-induced low back pain. <i>European Spine Journal</i> , 2011, 20, 100-104.	1.0	11
96	Low back pain during military service predicts low back pain later in life. <i>PLoS ONE</i> , 2017, 12, e0173568.	1.1	11
97	Food choices and health during military service: increases in sugar- and fibre-containing foods and changes in anthropometric and clinical risk factors. <i>Public Health Nutrition</i> , 2012, 15, 1248-1255.	1.1	8
98	Trends in Musculoskeletal Disorders and Related Health Care Utilization Among Conscripts in Finland, 1967â€“2006. <i>Military Medicine</i> , 2012, 177, 1069-1074.	0.4	8
99	Does cognitive/physical screening in an outpatient setting predict institutionalization after hip fracture?. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 444.	0.8	8
100	Strength retention of drawn self-reinforced polyglycolide rods and fixation properties of the distal femoral osteotomies with these rods. An experimental study on rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 389-395.	1.7	7
101	CASE REPORTS: Bilateral Femoral Fatigue Fracture. <i>Clinical Orthopaedics and Related Research</i> , 2007, 456, 259-263.	0.7	6
102	An automated continuous monitoring system: a useful tool for monitoring neuronal differentiation of human embryonic stem cells. <i>Stem Cell Studies</i> , 2011, 1, 10.	0.2	3
103	Incidence and Risk Factors of Foot and Ankle Disorders in Male Finnish Conscripts. <i>Military Medicine</i> , 2019, 184, e352-e358.	0.4	3
104	Surgical Technique for Treating Acute Ruptures of the Lateral Ligament Complex of the Ankle. <i>JBJS Essential Surgical Techniques</i> , 2011, 1, e17.	0.3	1
105	STRESS INJURIES OF THE CALCANEUS DETECTED WITH MAGNETIC RESONANCE IMAGING IN MILITARY RECRUITS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2237-2242.	1.4	1
106	Incidence and Risk Factors of Upper Extremity Injuries in Young Adult Men: A Nationwide Registry-Based Study of 128,714 Conscripts. <i>Military Medicine</i> , 2020, 185, e487-e494.	0.4	0
107	Prevalence of and Risk Factors for Back Pain Among Young Male Conscripts During Compulsory Finnish Military Service. <i>Military Medicine</i> , 2021, , .	0.4	0