Harri Suominen

List of Publications by Year
in descending order

70 papers	4,133 citations	101543 36 h-index	114465 63 g-index
72 all docs	72 docs citations	72 times ranked	4204 citing authors

#	Article	IF	Citations
1	Age-Related Declines in Lower Limb Muscle Function are Similar in Power and Endurance Athletes of Both Sexes: A Longitudinal Study of Master Athletes. Calcified Tissue International, 2022, 110, 196-203.	3.1	4
2	Regular Strength and Sprint Training Counteracts Bone Aging: A 10â€Year Followâ€Up in Male Masters Athletes. JBMR Plus, 2021, 5, e10513.	2.7	7
3	Absence of an agingâ€related increase in fiber type grouping in athletes and nonâ€athletes. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2057-2069.	2.9	15
4	Sprint and Strength Training Modulates Autophagy and Proteostasis in Aging Sprinters. Medicine and Science in Sports and Exercise, 2020, 52, 1948-1959.	0.4	1
5	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. Archives of Osteoporosis, 2020, 15, 87.	2.4	11
6	Ankle and knee extensor muscle effort during locomotion in young and older athletes: Implications for understanding age-related locomotor decline. Scientific Reports, 2020, 10, 2801.	3.3	11
7	Dietary acid load and renal function have varying effects on blood acid-base status and exercise performance across age and sex. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1330-1340.	1.9	10
8	Declining Physical Performance Associates with Serum FasL, miR-21, and miR-146a in Aging Sprinters. BioMed Research International, 2017, 2017, 1-14.	1.9	11
9	Walking and Running Require Greater Effort from the Ankle than the Knee Extensor Muscles. Medicine and Science in Sports and Exercise, 2016, 48, 2181-2189.	0.4	34
10	Which muscles compromise human locomotor performance with age?. Journal of the Royal Society Interface, 2014, 11, 20140858.	3.4	70
11	Tibial and Fibular Mid-Shaft Bone Traits in Young and Older Sprinters and Non-Athletic Men. Calcified Tissue International, 2014, 95, 132-140.	3.1	28
12	Physical Activity and Exercise in the Maintenance of the Adult Skeleton and the Prevention of Osteoporotic Fractures. , 2013, , 683-719.		6
13	OGT and OGA expression in postmenopausal skeletal muscle associates with hormone replacement therapy and muscle cross-sectional area. Experimental Gerontology, 2013, 48, 1501-1504.	2.8	17
14	Bone Density, Structure and Strength, and Their Determinants in Aging Sprint Athletes. Medicine and Science in Sports and Exercise, 2012, 44, 2340-2349.	0.4	26
15	Differential influence of peripheral and systemic sex steroids on skeletal muscle quality in preâ€and postmenopausal women. Aging Cell, 2011, 10, 650-660.	6.7	89
16	Ageing and maximal physical performance. European Review of Aging and Physical Activity, 2011, 8, 37-42.	2.9	17
17	Effects of diet-induced obesity and voluntary wheel running on the microstructure of the murine distal femur. Nutrition and Metabolism, 2011, 8, 1.	3.0	71
18	Influence of long-term postmenopausal hormone-replacement therapy on estimated structural bone strength: A study in discordant monozygotic twins. Journal of Bone and Mineral Research, 2011, 26, 546-552.	2.8	11

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19	Long-term leisure-time physical activity has a positive effect on bone mass gain in girls. Journal of Bone and Mineral Research, 2010, 25, 1034-1041.	2.8	22
20	Variability and Symmetry of Force Platform Variables in Maximum-Speed Running in Young and Older Athletes. Journal of Applied Biomechanics, 2010, 26, 357-366.	0.8	25
21	Effects of Diet-Induced Obesity and Voluntary Wheel Running on Bone Properties in Young Male C57BL/6J Mice. Calcified Tissue International, 2010, 86, 411-419.	3.1	31
22	Power training and postmenopausal hormone therapy affect transcriptional control of specific co-regulated gene clusters in skeletal muscle. Age, 2010, 32, 347-363.	3.0	32
23	Effects of combined hormone replacement therapy or its effective agents on the IGF-1 pathway in skeletal muscle. Growth Hormone and IGF Research, 2010, 20, 372-379.	1.1	45
24	Muscle Cross-Sectional Area and Structural Bone Strength Share Genetic and Environmental Effects in Older Women. Journal of Bone and Mineral Research, 2009, 24, 338-345.	2.8	21
25	Long-Term Leisure Time Physical Activity and Properties of Bone: A Twin Study. Journal of Bone and Mineral Research, 2009, 24, 1427-1433.	2.8	46
26	Low volumetric BMD is linked to upper-limb fracture in pubertal girls and persists into adulthood: A seven-year cohort study. Bone, 2009, 45, 480-486.	2.9	38
27	Biomechanical and Skeletal Muscle Determinants of Maximum Running Speed with Aging. Medicine and Science in Sports and Exercise, 2009, 41, 844-856.	0.4	98
28	Genetic and Environmental Influence on Structural Strength of Weight-Bearing and Nonâ€“Weight-Bearing Bone: A Twin Study. Journal of Bone and Mineral Research, 2008, 23, 492-498.	2.8	31
29	Monitoring Bone Growth Using Quantitative Ultrasound in Comparison with DXA and pQCT. Journal of Clinical Densitometry, 2008, 11, 295-301.	1.2	25
30	Physical activity and health: Musculoskeletal issues. Advances in Physiotherapy, 2007, 9, 65-75.	0.2	11
31	Weight-bearing, muscle loading and bone mineral accrual in pubertal girlsâ€"A 2-year longitudinal study. Bone, 2007, 40, 1196-1202.	2.9	46
32	Muscular Transcriptome in Postmenopausal Women With or Without Hormone Replacement. Rejuvenation Research, 2007, 10, 485-500E.	1.8	34
33	Muscle training for bone strength. Aging Clinical and Experimental Research, 2006, 18, 85-93.	2.9	96
34	Aging, muscle fiber type, and contractile function in sprint-trained athletes. Journal of Applied Physiology, 2006, 101, 906-917.	2.5	245
35	Endogenous Hormones, Muscle Strength, and Risk of Fall-Related Fractures in Older Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 92-96.	3.6	47
36	Differential Effects of Sex Hormones on Peri- and Endocortical Bone Surfaces in Pubertal Girls. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 277-282.	3.6	55

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37	Effects of calcium, dairy product, and vitamin D supplementation on bone mass accrual and body composition in 10â€“12-y-old girls: a 2-y randomized trial. American Journal of Clinical Nutrition, 2005, 82, 1115-1126.	4.7	194
38	Growth Patterns at Distal Radius and Tibial Shaft in Pubertal Girls: A 2-Year Longitudinal Study. Journal of Bone and Mineral Research, 2005, 20, 954-961.	2.8	66
39	The effect of hormone replacement therapy and/or exercise on skeletal muscle attenuation in postmenopausal women: a yearlong intervention. Clinical Physiology and Functional Imaging, 2005, 25, 297-304.	1.2	104
40	Age and Sex Differences in Blood Lactate Response to Sprint Running in Elite Master Athletes. Applied Physiology, Nutrition, and Metabolism, 2005, 30, 647-665.	1.7	35
41	Risk factors for clinical stress fractures in male military recruits: A prospective cohort study. Bone, 2005, 37, 267-273.	2.9	157
42	Relationship of Sex Hormones to Bone Geometric Properties and Mineral Density in Early Pubertal Girls. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1698-1703.	3.6	75
43	Vitamin D Status as a Determinant of Peak Bone Mass in Young Finnish Men. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 76-80.	3.6	129
44	Determinants of Lower-Body Muscle Power in Early Postmenopausal Women. Journal of the American Geriatrics Society, 2004, 52, 939-944.	2.6	31
45	Age-Related Differences in 100-m Sprint Performance in Male and Female Master Runners. Medicine and Science in Sports and Exercise, 2003, 35, 1419-1428.	0.4	49
46	Effects of hormone replacement therapy and high-impact physical exercise on skeletal muscle in post-menopausal women: a randomized placebo-controlled study. Clinical Science, 2001, 101, 147-157.	4.3	160
47	Effects of hormone replacement therapy and high-impact physical exercise on skeletal muscle in post-menopausal women: a randomized placebo-controlled study. Clinical Science, 2001, 101, 147.	4.3	81
48	Tartrate-Resistant Acid Phosphatase 5b: A Novel Serum Marker of Bone Resorption. Journal of Bone and Mineral Research, 2000, 15, 1337-1345.	2.8	349
49	Comparison of Ultrasound and Bone Mineral Density Assessment of the Calcaneus with Different Regions of Interest in Healthy Early Menopausal Women. Journal of Clinical Densitometry, 1999, 2, 117-126.	1.2	17
50	Calcaneal Bone Mineral Density Predicts Fracture Occurrence: A Five-Year Follow-up Study in Elderly People. Journal of Bone and Mineral Research, 1997, 12, 1075-1082.	2.8	75
51	Quantitative ultrasonography of muscle: Detection of adaptations to training in elderly women. Archives of Physical Medicine and Rehabilitation, 1996, 77, 1173-1178.	0.9	60
52	Elastic wave propagation in bone in vivo: Methodology. Journal of Biomechanics, 1995, 28, 471-478.	2.1	30
53	Estimation of structural and geometrical properties of cortical bone by computerized tomography in 78-year-old women. Journal of Bone and Mineral Research, 1995, 10, 139-148.	2.8	27
54	Retinal light sensitivity of the central visual field among 70â€•to 81â€•yearâ€•old men and women. Acta Ophthalmologica, 1994, 72, 86-90.	1.1	1

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55	Muscle ultrasonography and computed tomography in elderly trained and untrained women. Muscle and Nerve, 1993, 16, 294-300.	2.2	123
56	Bone Mineral Density and Long Term Exercise. Sports Medicine, 1993, 16, 316-330.	6.5	138
57	Effect of bicycle ergometer test on intraocular pressure in elderly athletes and controls. Acta Ophthalmologica, 1993, 71, 301-307.	1.1	24
58	Bone mineral density and physical activity in 50â€“60-year-old women. Bone and Mineral, 1991, 12, 123-132.	1.9	49
59	Muscle strength in male athletes aged 70?81 years and a population sample. European Journal of Applied Physiology and Occupational Physiology, 1991, 63, 399-403.	1.2	45
60	Ultrasound imaging of the quadriceps muscle in elderly athletes and untrained men. Muscle and Nerve, 1991, 14, 527-533.	2.2	112
61	Bone mineral density of the calcaneus in 70??? to 81-yr-old male athletes and a population sample. Medicine and Science in Sports and Exercise, 1991, 23, 1227???1232.	0.4	23
62	Age- and training-related changes in the collagen metabolism of rat skeletal muscle. European Journal of Applied Physiology and Occupational Physiology, 1989, 58, 765-771.	1.2	65
63	Type IV Collagen and Laminin in Slow and Fast Skeletal Muscle in Rats â€" Effects of Age and Life-Time Endurance Training. Collagen and Related Research, 1988, 8, 145-153.	2.0	64
64	Observations on the Structure and the Biomechanics of the Cricothyroid Articulation. Acta Oto-Laryngologica, 1987, 103, 117-126.	0.9	24
65	Effects of age and life-time physical training on fibre composition of slow and fast skeletal muscle in rats. Pflugers Archiv European Journal of Physiology, 1987, 408, 543-551.	2.8	58
66	Effects of aging and life-long physical training on collagen in slow and fast skeletal muscle in rats. Cell and Tissue Research, 1987, 248, 247-55.	2.9	67
67	Mechanical properties of fast and slow skeletal muscle with special reference to collagen and endurance training. Journal of Biomechanics, 1984, 17, 725-735.	2.1	143
68	MINERAL DENSITY OF CALCANEUS IN MEN AT DIFFERENT AGES: A POPULATION STUDY WITH SPECIAL REFERENCE TO LIFE-STYLE FACTORS. Age and Ageing, 1984, 13, 273-281.	1.6	45
69	Effects of physical training on metabolism of connective tissues in young mice. Acta Physiologica Scandinavica, 1980, 108, 17-22.	2.2	51
70	Connective tissue of â€œfastâ€•and â€œslowâ€•skeletal muscle in ratsâ€¦effects of endurance training. Acta Physiologica Scandinavica, 1980, 108, 173-180.	2.2	64