Eija K Laakkonen

List of Publications by Year
in descending order

75 papers	2,986 citations	159358 30 h-index	182168 51 g-index
83 all docs	83 docs citations	83 times ranked	4289 citing authors

#	Article	IF	Citations
1	Do Epigenetic Clocks Provide Explanations for Sex Differences in Life Span? A Cross-Sectional Twin Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1898-1906.	1.7	15
2	Metabolic health, menopause, and physical activityâ€"a 4-year follow-up study. International Journal of Obesity, 2022, 46, 544-554.	1.6	33
3	Personality, motivational, and social cognition predictors of leisure-time physical activity. Psychology of Sport and Exercise, 2022, 60, 102135.	1.1	11
4	Bidirectional associations between cognitive functions and walking performance among middle-aged women. Menopause, 2022, 29, 200-209.	0.8	1
5	Total and regional body adiposity increases during menopauseâ€"evidence from a followâ€up study. Aging Cell, 2022, 21, e13621.	3.0	19
6	Associations of resting and peak fat oxidation with sex hormone profile and blood glucose control in middle-aged women. Nutrition, Metabolism and Cardiovascular Diseases, 2022, , .	1.1	3
7	Physical Performance During the Menopausal Transition and the Role of Physical Activity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1587-1590.	1.7	20
8	Perimenopausal women show modulation of excitatory and inhibitory neuromuscular mechanisms. BMC Women's Health, 2021, 21, 133.	0.8	6
9	Predicting the age at natural menopause in middle-aged women. Menopause, 2021, 28, 792-799.	0.8	5
10	Body Weight, Physical Activity, and Risk of Cancer in Lynch Syndrome. Cancers, 2021, 13, 1849.	1.7	6
11	Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning. Clinical Epigenetics, 2021, 13, 110.	1.8	15
12	Estradiol deficiency and skeletal muscle apoptosis: Possible contribution of microRNAs. Experimental Gerontology, 2021, 147, 111267.	1.2	12
13	Personality Traits and Changes in Health Behaviors and Depressive Symptoms during the COVID-19 Pandemic: A Longitudinal Analysis from Pre-pandemic to Onset and End of the Initial Emergency Conditions in Finland. International Journal of Environmental Research and Public Health, 2021, 18, 7732.	1.2	12
14	Associations of physical performance and physical activity with mental well-being in middle-aged women. BMC Public Health, 2021, 21, 1448.	1.2	11
15	Associations of Sex Hormones and Hormonal Status With Arterial Stiffness in a Female Sample From Reproductive Years to Menopause. Frontiers in Endocrinology, 2021, 12, 765916.	1.5	12
16	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. Nature, 2020, 586, 769-775.	13.7	101
17	MicroRNAs in Extracellular Vesicles in Sweat Change in Response to Endurance Exercise. Frontiers in Physiology, 2020, 11, 676.	1.3	22
18	Accelerometer-measured and self-reported physical activity in relation to extraversion and neuroticism: a cross-sectional analysis of two studies. BMC Geriatrics, 2020, 20, 264.	1.1	17

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19	Sprint and Strength Training Modulates Autophagy and Proteostasis in Aging Sprinters. Medicine and Science in Sports and Exercise, 2020, 52, 1948-1959.	0.2	1
20	Adolescent Sport Participation and Age at Menarche in Relation to Midlife Body Composition, Bone Mineral Density, Fitness, and Physical Activity. Journal of Clinical Medicine, 2020, 9, 3797.	1.0	18
21	Role of Menopausal Transition and Physical Activity in Loss of Lean and Muscle Mass: A Follow-Up Study in Middle-Aged Finnish Women. Journal of Clinical Medicine, 2020, 9, 1588.	1.0	47
22	Muscle and bone mass in middleâ€aged women: role of menopausal status and physical activity. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 698-709.	2.9	95
23	The role of physical activity in the link between menopausal status and mental well-being. Menopause, 2020, 27, 398-409.	0.8	22
24	Validity and Reliability of a Single Question for Leisure-Time Physical Activity Assessment in Middle-Aged Women. Journal of Aging and Physical Activity, 2020, 28, 231-241.	0.5	20
25	Estrogen Regulates the Satellite Cell Compartment in Females. Cell Reports, 2019, 28, 368-381.e6.	2.9	79
26	Fat oxidation at rest and during exercise in male monozygotic twins. European Journal of Applied Physiology, 2019, 119, 2711-2722.	1.2	7
27	The Older Finnish Twin Cohort â€" 45 Years of Follow-up. Twin Research and Human Genetics, 2019, 22, 240-254.	0.3	68
28	Menopausal Status and Physical Activity Are Independently Associated With Cardiovascular Risk Factors of Healthy Middle-Aged Women: Cross-Sectional and Longitudinal Evidence. Frontiers in Endocrinology, 2019, 10, 589.	1.5	36
29	Genetic architecture of human plasma lipidome and its link to cardiovascular disease. Nature Communications, 2019, 10, 4329.	5.8	120
30	Aging of the musculoskeletal system: How the loss of estrogen impacts muscle strength. Bone, 2019, 123, 137-144.	1.4	98
31	Effect of the Menopausal Transition on Physical Performance: A Longitudinal Study. Medicine and Science in Sports and Exercise, 2019, 51, 572-572.	0.2	1
32	Menopause and adipose tissue: miR-19a-3p is sensitive to hormonal replacement. Oncotarget, 2018, 9, 2279-2294.	0.8	26
33	Design and protocol of Estrogenic Regulation of Muscle Apoptosis (ERMA) study with 47 to 55-year-old women's cohort: novel results show menopause-related differences in blood count. Menopause, 2018, 25, 1020-1032.	0.8	48
34	Estrogen regulates muscle bioenergetic signaling. Aging, 2018, 10, 160-161.	1.4	2
35	Physical performance in relation to menopause status and physical activity. Menopause, 2018, 25, 1432-1441.	0.8	62
36	Biological clocks and physical functioning in monozygotic female twins. BMC Geriatrics, 2018, 18, 83.	1.1	22

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37	Youth Participation in Competitive Sports Associates with Midlife Lean Body Mass and Physical Activity. Medicine and Science in Sports and Exercise, 2018, 50, 454.	0.2	0
38	Aging and serum exomiR content in women-effects of estrogenic hormone replacement therapy. Scientific Reports, 2017, 7, 42702.	1.6	29
39	Leukocyte and Skeletal Muscle Telomere Length and Body Composition in Monozygotic Twin Pairs Discordant for Long-term Hormone Replacement Therapy. Twin Research and Human Genetics, 2017, 20, 119-131.	0.3	5
40	Estrogenic regulation of skeletal muscle proteome: a study of premenopausal women and postmenopausal <scp>MZ</scp> cotwins discordant for hormonal therapy. Aging Cell, 2017, 16, 1276-1287.	3.0	50
41	Declining Physical Performance Associates with Serum FasL, miR-21, and miR-146a in Aging Sprinters. BioMed Research International, 2017, 2017, 1-14.	0.9	11
42	Female reproductive factors are associated with objectively measured physical activity in middle-aged women. PLoS ONE, 2017, 12, e0172054.	1.1	38
43	Effects of resistance training on expression of IGFâ€I splice variants in younger and older men. European Journal of Sport Science, 2016, 16, 1055-1063.	1.4	17
44	Adipocytes as a Link Between Gut Microbiota-Derived Flagellin and Hepatocyte Fat Accumulation. PLoS ONE, 2016, 11, e0152786.	1.1	12
45	Hormonal Status As Determinant Of Serum Exosomal MicroRNA Content In Pre- And Postmenopausal Women. Medicine and Science in Sports and Exercise, 2016, 48, 634.	0.2	0
46	Hormone Replacement Therapy Associated White Blood Cell DNA Methylation and Gene Expression are Associated With Within-Pair Differences of Body Adiposity and Bone Mass. Twin Research and Human Genetics, 2015, 18, 647-661.	0.3	16
47	Tollâ€like receptor 5 in obesity: The role of gut microbiota and adipose tissue inflammation. Obesity, 2015, 23, 581-590.	1.5	50
48	Cannabinoid receptor 1 and acute resistance exercise â€" In vivo and in vitro studies in human skeletal muscle. Peptides, 2015, 67, 55-63.	1.2	13
49	Intramuscular sex steroid hormones are associated with skeletal muscle strength and power in women with different hormonal status. Aging Cell, 2015, 14, 236-248.	3.0	38
50	Hormone replacement therapy enhances IGF-1 signaling in skeletal muscle by diminishing miR-182 and miR-223 expressions: a study on postmenopausal monozygotic twin pairs. Aging Cell, 2014, 13, 850-861.	3.0	47
51	Circulating miR-21, miR-146a and Fas ligand respond to postmenopausal estrogen-based hormone replacement therapy â€" A study with monozygotic twin pairs. Mechanisms of Ageing and Development, 2014, 143-144, 1-8.	2.2	45
52	Sex hormones and skeletal muscle weakness. Biogerontology, 2013, 14, 231-245.	2.0	73
53	Physical activity responsive miRNAs â€" Potential mediators of training responses in human skeletal muscle?. Journal of Sport and Health Science, 2013, 2, 101-103.	3.3	6
54	OGT and OGA expression in postmenopausal skeletal muscle associates with hormone replacement therapy and muscle cross-sectional area. Experimental Gerontology, 2013, 48, 1501-1504.	1.2	17

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55	Are skeletal muscle <i>FNDC5</i> gene expression and irisin release regulated by exercise and related to health?. Journal of Physiology, 2013, 591, 5393-5400.	1.3	219
56	Hormone replacement therapy improves contractile function and myonuclear organization of single muscle fibres from postmenopausal monozygotic female twin pairs. Journal of Physiology, 2013, 591, 2333-2344.	1.3	62
57	Hormone therapy is associated with better body composition and adipokine/glucose profiles. Menopause, 2012, 19, 1329-1335.	0.8	23
58	Age and estrogen-based hormone therapy affect systemic and local IL-6 and IGF-1 pathways in women. Age, 2012, 34, 1249-1260.	3.0	32
59	Differential influence of peripheral and systemic sex steroids on skeletal muscle quality in preâ€•and postmenopausal women. Aging Cell, 2011, 10, 650-660.	3.0	89
60	Muscle function in monozygotic female twin pairs discordant for hormone replacement therapy. Muscle and Nerve, 2011, 44, 769-775.	1.0	21
61	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
62	Global gene expression profiles in skeletal muscle of monozygotic female twins discordant for hormone replacement therapy. Aging Cell, 2010, 9, 1098-1110.	3.0	32
63	Functional characterization of B class MADS-box transcription factors in Gerbera hybrida. Journal of Experimental Botany, 2010, 61, 75-85.	2.4	58
64	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.	0.5	45
65	Differences in Muscle and Adipose Tissue Gene Expression and Cardio-Metabolic Risk Factors in the Members of Physical Activity Discordant Twin Pairs. PLoS ONE, 2010, 5, e12609.	1.1	65
66	Postmenopausal hormone replacement therapy modifies skeletal muscle composition and function: a study with monozygotic twin pairs. Journal of Applied Physiology, 2009, 107, 25-33.	1.2	127
67	Combination of hormone replacement therapy and high physical activity is associated with differences in Achilles tendon size in monozygotic female twin pairs. Journal of Applied Physiology, 2009, 106, 1332-1337.	1.2	35
68	Catechol-O-Methyltransferase Gene Polymorphism Is Associated with Skeletal Muscle Properties in Older Women Alone and Together with Physical Activity. PLoS ONE, 2008, 3, e1819.	1.1	19
69	Postexercise Myostatin and Activin IIb mRNA Levels. Medicine and Science in Sports and Exercise, 2007, 39, 289-297.	0.2	74
70	Muscular Transcriptome in Postmenopausal Women With or Without Hormone Replacement. Rejuvenation Research, 2007, 10, 485-500E.	0.9	34
71	Transcriptional analysis of petal organogenesis in Gerbera hybrida. Planta, 2007, 226, 347-360.	1.6	35
72	Floral Developmental Genetics of Gerbera (Asteraceae). Advances in Botanical Research, 2006, , 323-351.	0.5	16

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73	The dibenzodioxocin lignin substructure is abundant in the inner part of the secondary wall in Norway spruce and silver birch xylem. Planta, 2004, 218, 497-500.	1.6	60
74	GEG Participates in the Regulation of Cell and Organ Shape during Corolla and Carpel Development in Gerbera hybrida. Plant Cell, 1999, 11, 1093-1104.	3.1	125
75	Organ identity genes and modified patterns of flower development inGerbera hybrida(Asteraceae). Plant Journal, 1999, 17, 51-62.	2.8	220