

Sarianna Sipila

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

8,393
citations

34105

52
h-index

66911

78
g-index

204
all docs

204
docs citations

204
times ranked

9658
citing authors

#	ARTICLE	IF	CITATIONS
1	Ageing, muscle fiber type, and contractile function in sprint-trained athletes. <i>Journal of Applied Physiology</i> , 2006, 101, 906-917.	2.5	245
2	Age-related differences in Achilles tendon properties and triceps surae muscle architecture in vivo. <i>Journal of Applied Physiology</i> , 2012, 113, 1537-1544.	2.5	218
3	Methodological Considerations for Studies in Sport and Exercise Science with Women as Participants: A Working Guide for Standards of Practice for Research on Women. <i>Sports Medicine</i> , 2021, 51, 843-861.	6.5	208
4	Long-term Leisure-time Physical Activity and Serum Metabolome. <i>Circulation</i> , 2013, 127, 340-348.	1.6	193
5	Coimpairments as Predictors of Severe Walking Disability in Older Women. <i>Journal of the American Geriatrics Society</i> , 2001, 49, 21-27.	2.6	190
6	Effects of strength and endurance training on isometric muscle strength and walking speed in elderly women. <i>Acta Physiologica Scandinavica</i> , 1996, 156, 457-464.	2.2	184
7	Effects of hormone replacement therapy and high-impact physical exercise on skeletal muscle in post-menopausal women: a randomized placebo-controlled study. <i>Clinical Science</i> , 2001, 101, 147-157.	4.3	160
8	Changes in Postural Balance in Frail Elderly Women during a 4-Week Visual Feedback Training: A Randomized Controlled Trial. <i>Gerontology</i> , 2004, 50, 87-95.	2.8	151
9	Effects of power training on muscle structure and neuromuscular performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2005, 15, 58-64.	2.9	128
10	Postmenopausal hormone replacement therapy modifies skeletal muscle composition and function: a study with monozygotic twin pairs. <i>Journal of Applied Physiology</i> , 2009, 107, 25-33.	2.5	127
11	Heritability of maximal isometric muscle strength in older female twins. <i>Journal of Applied Physiology</i> , 2004, 96, 173-180.	2.5	126
12	Muscle size, neuromuscular activation, and rapid force characteristics in elderly men and women: effects of unilateral long-term disuse due to hip-osteoarthritis. <i>Journal of Applied Physiology</i> , 2007, 102, 942-948.	2.5	125
13	Muscle ultrasonography and computed tomography in elderly trained and untrained women. <i>Muscle and Nerve</i> , 1993, 16, 294-300.	2.2	123
14	Ultrasound imaging of the quadriceps muscle in elderly athletes and untrained men. <i>Muscle and Nerve</i> , 1991, 14, 527-533.	2.2	112
15	Individual and environmental factors underlying life space of older people – study protocol and design of a cohort study on life-space mobility in old age (LISPE). <i>BMC Public Health</i> , 2012, 12, 1018.	2.9	106
16	The effect of hormone replacement therapy and/or exercise on skeletal muscle attenuation in postmenopausal women: a yearlong intervention. <i>Clinical Physiology and Functional Imaging</i> , 2005, 25, 297-304.	1.2	104
17	Telomere length in circulating leukocytes is associated with lung function and disease. <i>European Respiratory Journal</i> , 2014, 43, 983-992.	6.7	103
18	Assessment of maximal handgrip strength: how many attempts are needed?. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 466-474.	7.3	103

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19	Change in bone mass distribution induced by hormone replacement therapy and high-impact physical exercise in post-menopausal women. <i>Bone</i> , 2002, 31, 126-135.	2.9	102
20	Physical Function and Properties of Quadriceps Femoris Muscle in Men With Knee Osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 2185-2194.	0.9	101
21	Biomechanical and Skeletal Muscle Determinants of Maximum Running Speed with Aging. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 844-856.	0.4	98
22	Muscle and bone mass in middle-aged women: role of menopausal status and physical activity. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 698-709.	7.3	95
23	Poor vision accompanied with other sensory impairments as a predictor of falls in older women. <i>Age and Ageing</i> , 2008, 38, 162-167.	1.6	93
24	Fall Incidence in Frail Older Women after Individualized Visual Feedback-Based Balance Training. <i>Gerontology</i> , 2004, 50, 411-416.	2.8	89
25	Differential influence of peripheral and systemic sex steroids on skeletal muscle quality in pre- and postmenopausal women. <i>Aging Cell</i> , 2011, 10, 650-660.	6.7	89
26	Muscle Deficits Persist After Unilateral Knee Replacement and Have Implications for Rehabilitation. <i>Physical Therapy</i> , 2009, 89, 1072-1079.	2.4	82
27	Body composition in 18- to 88-year-old adults: comparison of multifrequency bioimpedance and dual-energy X-ray absorptiometry. <i>Obesity</i> , 2014, 22, 101-109.	3.0	82
28	Handgrip Strength Cannot Be Assumed a Proxy for Overall Muscle Strength. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 703-709.	2.5	82
29	Effects of hormone replacement therapy and high-impact physical exercise on skeletal muscle in post-menopausal women: a randomized placebo-controlled study. <i>Clinical Science</i> , 2001, 101, 147.	4.3	81
30	The prevalence of malnutrition according to the new ESPEN definition in four diverse populations. <i>Clinical Nutrition</i> , 2016, 35, 758-762.	5.0	79
31	Estrogen Regulates the Satellite Cell Compartment in Females. <i>Cell Reports</i> , 2019, 28, 368-381.e6.	6.4	79
32	Leisure-time physical activity and high-risk fat: a longitudinal population-based twin study. <i>International Journal of Obesity</i> , 2009, 33, 1211-1218.	3.4	78
33	Circulating levels of adipokines and IGF-1 are associated with skeletal muscle strength of young and old healthy subjects. <i>Biogerontology</i> , 2013, 14, 261-272.	3.9	75
34	Contribution of Musculoskeletal Pain to Postural Balance in Community-Dwelling People Aged 75 Years and Older. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 990-996.	3.6	73
35	Sex hormones and skeletal muscle weakness. <i>Biogerontology</i> , 2013, 14, 231-245.	3.9	73
36	The Impact of Different Diagnostic Criteria on the Prevalence of Sarcopenia in Healthy Elderly Participants and Geriatric Outpatients. <i>Gerontology</i> , 2015, 61, 491-496.	2.8	71

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37	Knee extension strength and walking speed in relation to quadriceps muscle composition and training in elderly women. <i>Clinical Physiology</i> , 1994, 14, 433-442.	0.7	69
38	Effects of a 9-month resistance training intervention on quality of life, sense of coherence, and depressive symptoms in older adults: randomized controlled trial. <i>Quality of Life Research</i> , 2018, 27, 455-465.	3.1	68
39	The Older Finnish Twin Cohort – 45 Years of Follow-up. <i>Twin Research and Human Genetics</i> , 2019, 22, 240-254.	0.6	68
40	Effects of a Multicomponent Home-Based Physical Rehabilitation Program on Mobility Recovery After Hip Fracture: A Randomized Controlled Trial. <i>Journal of the American Medical Directors Association</i> , 2014, 15, 361-368.	2.5	66
41	Differences in Muscle and Adipose Tissue Gene Expression and Cardio-Metabolic Risk Factors in the Members of Physical Activity Discordant Twin Pairs. <i>PLoS ONE</i> , 2010, 5, e12609.	2.5	65
42	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, 833-839.	0.9	63
43	Hormone replacement therapy improves contractile function and myonuclear organization of single muscle fibres from postmenopausal monozygotic female twin pairs. <i>Journal of Physiology</i> , 2013, 591, 2333-2344.	2.9	62
44	Physical performance in relation to menopause status and physical activity. <i>Menopause</i> , 2018, 25, 1432-1441.	2.0	62
45	Quantitative ultrasonography of muscle: Detection of adaptations to training in elderly women. <i>Archives of Physical Medicine and Rehabilitation</i> , 1996, 77, 1173-1178.	0.9	60
46	Is frailty associated with life-space mobility and perceived autonomy in participation outdoors? A longitudinal study. <i>Age and Ageing</i> , 2016, 45, 550-553.	1.6	60
47	Effects of Resistance Training on Lower-Extremity Impairments in Older People With Hip Fracture. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1667-1674.	0.9	59
48	Identification of Older People at Risk of ADL Disability Using the Life-Space Assessment: A Longitudinal Cohort Study. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 410-414.	2.5	59
49	Shared Genetic and Environmental Effects on Strength and Power in Older Female Twins. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 72-78.	0.4	58
50	Diagnostic measures for sarcopenia and bone mineral density. <i>Osteoporosis International</i> , 2013, 24, 2681-2691.	3.1	58
51	Effects of aquatic resistance training on neuromuscular performance in healthy women. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 2103-9.	0.4	58
52	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.e1-350.e7.	2.5	57
53	Muscle performance, sex hormones and training in peri-menopausal and post-menopausal women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2003, 13, 19-25.	2.9	55
54	Plantarflexor Muscle – Tendon Properties are Associated With Mobility in Healthy Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 996-1002.	3.6	54

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55	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.	1.3	53
56	Cross-Sectional and Longitudinal Associations between Leisure Time Physical Activity, Mental Well-Being and Subjective Health in Middle Adulthood. <i>Applied Research in Quality of Life</i> , 2020, 15, 1099-1116.	2.4	52
57	Interrelationships between Muscle Structure, Muscle Strength, and Running Economy. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 45-49.	0.4	50
58	Physiological and functional evaluation of healthy young and older men and women: design of the European MyoAge study. <i>Biogerontology</i> , 2013, 14, 325-337.	3.9	50
59	Estrogenic regulation of skeletal muscle proteome: a study of premenopausal women and postmenopausal <sc>MZ</sc> cotwins discordant for hormonal therapy. <i>Aging Cell</i> , 2017, 16, 1276-1287.	6.7	50
60	Triceps surae muscle-tendon properties in older endurance- and sprint-trained athletes. <i>Journal of Applied Physiology</i> , 2016, 120, 63-69.	2.5	48
61	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. <i>Menopause</i> , 2018, 25, 1020-1032.	2.0	48
62	Endogenous Hormones, Muscle Strength, and Risk of Fall-Related Fractures in Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 92-96.	3.6	47
63	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. <i>Aging Cell</i> , 2014, 13, 850-861.	6.7	47
64	Dysregulation of C-X-C motif ligand 10 during aging and association with cognitive performance. <i>Neurobiology of Aging</i> , 2018, 63, 54-64.	3.1	47
65	Role of Menopausal Transition and Physical Activity in Loss of Lean and Muscle Mass: A Follow-Up Study in Middle-Aged Finnish Women. <i>Journal of Clinical Medicine</i> , 2020, 9, 1588.	2.4	47
66	Long-Term Leisure Time Physical Activity and Properties of Bone: A Twin Study. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1427-1433.	2.8	46
67	Association between osteocalcin and cognitive performance in healthy older adults. <i>Age and Ageing</i> , 2016, 45, 844-849.	1.6	46
68	Effects of combined hormone replacement therapy or its effective agents on the IGF-1 pathway in skeletal muscle. <i>Growth Hormone and IGF Research</i> , 2010, 20, 372-379.	1.1	45
69	Circulating miR-21, miR-146a and Fas ligand respond to postmenopausal estrogen-based hormone replacement therapy " A study with monozygotic twin pairs. <i>Mechanisms of Ageing and Development</i> , 2014, 143-144, 1-8.	4.6	45
70	Leg Extension Power Asymmetry and Mobility Limitation in Healthy Older Women. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 1838-1842.	0.9	44
71	Physical Activity at Age of 20-64 Years and Mobility and Muscle Strength in Old Age: A Community-Based Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 905-910.	3.6	44
72	Balance Confidence Was Associated With Mobility and Balance Performance in Older People With Fall-Related Hip Fracture: A Cross-Sectional Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 2340-2346.	0.9	44

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73	Effects of strength and endurance training on muscle fibre characteristics in elderly women. <i>Clinical Physiology</i> , 1997, 17, 459-474.	0.7	42
74	Lowered vision as a risk factor for injurious accidents in older people. <i>Aging Clinical and Experimental Research</i> , 2008, 20, 25-30.	2.9	42
75	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, 1-11.	1.9	41
76	Effects of comprehensive geriatric assessment and targeted intervention on mobility in persons aged 75 years and over: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2012, 26, 314-326.	2.2	38
77	Intramuscular sex steroid hormones are associated with skeletal muscle strength and power in women with different hormonal status. <i>Aging Cell</i> , 2015, 14, 236-248.	6.7	38
78	Female reproductive factors are associated with objectively measured physical activity in middle-aged women. <i>PLoS ONE</i> , 2017, 12, e0172054.	2.5	38
79	Effects of combined strength and sprint training on regulation of muscle contraction at the whole muscle and single fibre levels in elite master sprinters. <i>Acta Physiologica</i> , 2008, 193, 275-289.	3.8	37
80	Body composition and muscle performance during menopause and hormone replacement therapy. <i>Journal of Endocrinological Investigation</i> , 2003, 26, 893-901.	3.3	36
81	Effects of 32-Year Leisure Time Physical Activity Discordance in Twin Pairs on Health (TWINACTIVE). <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> 108-117.	0.6	36
82	Postural Balance and Self-Reported Balance Confidence in Older Adults with a Hip Fracture History. <i>Gerontology</i> , 2009, 55, 630-636.	2.8	36
83	Genetic and environmental effects on isometric muscle strength and leg extensor power followed up for three years among older female twins. <i>Journal of Applied Physiology</i> , 2009, 106, 1604-1610.	2.5	36
84	Menopausal Status and Physical Activity Are Independently Associated With Cardiovascular Risk Factors of Healthy Middle-Aged Women: Cross-Sectional and Longitudinal Evidence. <i>Frontiers in Endocrinology</i> , 2019, 10, 589.	3.5	36
85	Physical Activity After a Hip Fracture: Effect of a Multicomponent Home-Based Rehabilitation Program—A Secondary Analysis of a Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 981-988.	0.9	35
86	Muscular Transcriptome in Postmenopausal Women With or Without Hormone Replacement. <i>Rejuvenation Research</i> , 2007, 10, 485-500E.	1.8	34
87	Leg Extension Power Deficit and Mobility Limitation in Women Recovering from Hip Fracture. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2008, 87, 363-370.	1.4	34
88	ASYMMETRICAL LOWER EXTREMITY POWER DEFICIT AS A RISK FACTOR FOR INJURIOUS FALLS IN HEALTHY OLDER WOMEN. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 551-553.	2.6	33
89	Metabolic health, menopause, and physical activity—a 4-year follow-up study. <i>International Journal of Obesity</i> , 2022, 46, 544-554.	3.4	33
90	Improving cardiovascular fitness by strength or endurance training in women aged 76-78 years. A population-based, randomized controlled trial. <i>Age and Ageing</i> , 2002, 31, 247-254.	1.6	32

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91	Power training and postmenopausal hormone therapy affect transcriptional control of specific co-regulated gene clusters in skeletal muscle. <i>Age</i> , 2010, 32, 347-363.	3.0	32
92	Global gene expression profiles in skeletal muscle of monozygotic female twins discordant for hormone replacement therapy. <i>Aging Cell</i> , 2010, 9, 1098-1110.	6.7	32
93	Age and estrogen-based hormone therapy affect systemic and local IL-6 and IGF-1 pathways in women. <i>Age</i> , 2012, 34, 1249-1260.	3.0	32
94	Determinants of Lower-Body Muscle Power in Early Postmenopausal Women. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 939-944.	2.6	31
95	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, 492-498.	2.8	31
96	Birth Size and Childhood Growth as Determinants of Physical Functioning in Older Age: The Helsinki Birth Cohort Study. <i>American Journal of Epidemiology</i> , 2011, 174, 1336-1344.	3.4	31
97	Promoting safe walking among older people: the effects of a physical and cognitive training intervention vs. physical training alone on mobility and falls among older community-dwelling men and women (the PASSWORD study): design and methods of a randomized controlled trial. <i>BMC Geriatrics</i> , 2018, 18, 215.	2.7	31
98	Genetic Influences on Change in BMI from Middle to Old Age: A 29-Year Follow-up Study of Twin Sisters. <i>Behavior Genetics</i> , 2009, 39, 154-164.	2.1	30
99	Effects of comprehensive geriatric assessment-based individually targeted interventions on mobility of pre-frail and frail community-dwelling older people. <i>Geriatrics and Gerontology International</i> , 2015, 15, 80-88.	1.5	30
100	Balance Confidence and Functional Balance in Relation to Falls in Older Persons with Hip Fracture History. <i>Journal of Geriatric Physical Therapy</i> , 2007, 30, 114-120.	1.1	29
101	Physical Inactivity and Pain in Older Men and Women with Hip Fracture History. <i>Gerontology</i> , 2011, 57, 19-27.	2.8	29
102	Aging and serum exomiR content in women-effects of estrogenic hormone replacement therapy. <i>Scientific Reports</i> , 2017, 7, 42702.	3.3	29
103	Motor speed and lower extremity strength as predictors of fall-related bone fractures in elderly individuals. <i>Aging Clinical and Experimental Research</i> , 2006, 18, 320-324.	2.9	28
104	Genetic effects in common on maximal walking speed and muscle performance in older women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 17, 061120070736042-???	2.9	27
105	Genetics of Maximal Walking Speed and Skeletal Muscle Characteristics in Older Women. <i>Twin Research and Human Genetics</i> , 2008, 11, 321-334.	0.6	27
106	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.	1.9	27
107	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, 1944-1950.	0.9	26
108	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.	1.9	26

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109	Menopause and adipose tissue: miR-19a-3p is sensitive to hormonal replacement. <i>Oncotarget</i> , 2018, 9, 2279-2294.	1.8	26
110	A Twin Study on the Heritability of Walking Ability Among Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 1082-1085.	3.6	25
111	Estrogen Influences on Neuromuscular Function in Postmenopausal Women. <i>Calcified Tissue International</i> , 2015, 96, 222-233.	3.1	25
112	Associations of physical activity in detailed intensity ranges with body composition and physical function. a cross-sectional study among sedentary older adults. <i>European Review of Aging and Physical Activity</i> , 2020, 17, 4.	2.9	25
113	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, 253-259.	0.9	24
114	A family based tailored counselling to increase non-exercise physical activity in adults with a sedentary job and physical activity in their young children: design and methods of a year-long randomized controlled trial. <i>BMC Public Health</i> , 2011, 11, 944.	2.9	23
115	Hormone therapy is associated with better body composition and adipokine/glucose profiles. <i>Menopause</i> , 2012, 19, 1329-1335.	2.0	23
116	Muscle Inactivity Is Adversely Associated with Biomarkers in Physically Active Adults. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1188-1196.	0.4	22
117	Biological clocks and physical functioning in monozygotic female twins. <i>BMC Geriatrics</i> , 2018, 18, 83.	2.7	22
118	The role of physical activity in the link between menopausal status and mental well-being. <i>Menopause</i> , 2020, 27, 398-409.	2.0	22
119	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, 338-345.	2.8	21
120	Muscle function in monozygotic female twin pairs discordant for hormone replacement therapy. <i>Muscle and Nerve</i> , 2011, 44, 769-775.	2.2	21
121	Effects of power training on mechanical efficiency in jumping. <i>European Journal of Applied Physiology</i> , 2004, 91, 155-159.	2.5	20
122	Muscle Inactivity and Activity Patterns after Sedentary Time-Targeted Randomized Controlled Trial. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2122-2131.	0.4	20
123	Physical Performance During the Menopausal Transition and the Role of Physical Activity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1587-1590.	3.6	20
124	Effects of physical and cognitive training on gait speed and cognition in older adults: A randomized controlled trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1518-1533.	2.9	20
125	Validity and Reliability of a Single Question for Leisure-Time Physical Activity Assessment in Middle-Aged Women. <i>Journal of Aging and Physical Activity</i> , 2020, 28, 231-241.	1.0	20
126	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, 1720-1728.	3.0	19

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127	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, 171-175.	2.9	19
128	Effects of 12-month home-based physiotherapy on duration of living at home and functional capacity among older persons with signs of frailty or with a recent hip fracture - protocol of a randomized controlled trial (HIPFRA study). <i>BMC Geriatrics</i> , 2018, 18, 232.	2.7	19
129	Catechol-O-Methyltransferase Gene Polymorphism Is Associated with Skeletal Muscle Properties in Older Women Alone and Together with Physical Activity. <i>PLoS ONE</i> , 2008, 3, e1819.	2.5	19
130	Total and regional body adiposity increases during menopause—evidence from a follow-up study. <i>Aging Cell</i> , 2022, 21, e13621.	6.7	19
131	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, 295-299.	2.9	18
132	Adolescent Sport Participation and Age at Menarche in Relation to Midlife Body Composition, Bone Mineral Density, Fitness, and Physical Activity. <i>Journal of Clinical Medicine</i> , 2020, 9, 3797.	2.4	18
133	Comparison of Ultrasound and Bone Mineral Density Assessment of the Calcaneus with Different Regions of Interest in Healthy Early Menopausal Women. <i>Journal of Clinical Densitometry</i> , 1999, 2, 117-126.	1.2	17
134	OGT and OGA expression in postmenopausal skeletal muscle associates with hormone replacement therapy and muscle cross-sectional area. <i>Experimental Gerontology</i> , 2013, 48, 1501-1504.	2.8	17
135	Physical Activity and Nutrition INfluences In ageing (PANINI): consortium mission statement. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 685-692.	2.9	17
136	Personality traits and physical functioning: a cross-sectional multimethod facet-level analysis. <i>European Review of Aging and Physical Activity</i> , 2020, 17, 20.	2.9	17
137	Accelerometer-measured and self-reported physical activity in relation to extraversion and neuroticism: a cross-sectional analysis of two studies. <i>BMC Geriatrics</i> , 2020, 20, 264.	2.7	17
138	Thigh muscle function in stroke patients revealed by velocity-encoded cine phase-contrast magnetic resonance imaging. <i>Muscle and Nerve</i> , 2008, 37, 736-744.	2.2	16
139	Hormone Replacement Therapy Associated White Blood Cell DNA Methylation and Gene Expression are Associated With Within-Pair Differences of Body Adiposity and Bone Mass. <i>Twin Research and Human Genetics</i> , 2015, 18, 647-661.	0.6	16
140	Determinants of Performance in the Timed up-and-go and Six-Minute Walk Tests in Young and Old Healthy Adults. <i>Journal of Clinical Medicine</i> , 2020, 9, 1561.	2.4	16
141	Critical Factors in Opening Pharmaceutical Packages: a Usability Study among Healthcare Workers, Women with Rheumatoid Arthritis and Elderly Women. <i>Packaging Technology and Science</i> , 2014, 27, 559-576.	2.8	15
142	Slower Walking Speed in Older Men Improves Triceps Surae Force Generation Ability. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 158-166.	0.4	15
143	Birth cohort differences in cognitive performance in 75- and 80-year-olds: a comparison of two cohorts over 28 years. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 57-65.	2.9	15
144	Blood and skeletal muscle ageing determined by epigenetic clocks and their associations with physical activity and functioning. <i>Clinical Epigenetics</i> , 2021, 13, 110.	4.1	15

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145	Does telomere length predict decline in physical functioning in older twin sisters during an 11-year follow-up?. <i>Age</i> , 2016, 38, 34.	3.0	14
146	Balance confidence and functional balance are associated with physical disability after hip fracture. <i>Gait and Posture</i> , 2013, 37, 201-205.	1.4	13
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