CITATION REPORT List of articles citing

Effects of training on bone mass in older adults: a systematic review

DOI: 10.2165/11597670-000000000-00000 Sports Medicine, 2012, 42, 301-25.

Source: https://exaly.com/paper-pdf/53766930/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper I	F	Citations
232	Sex differences in the association between physical exercise and IQ. 2012 , 115, 605-17		10
231	Cycling and bone health: a systematic review. 2012 , 10, 168		62
230	Is interaction between age-dependent decline in mechanical stimulation and osteocyte-estrogen receptor levels the culprit for postmenopausal-impaired bone formation?. 2013 , 24, 1771-89		18
229	Osteoporosis in older men: recent advances in pathophysiology and treatment. 2013 , 27, 527-39		41
228	Prescribing exercise for women. 2013 , 6, 164-72		5
227	Muscle size, strength, and physical performance and their associations with bone structure in the Hertfordshire Cohort Study. 2013 , 28, 2295-304		100
226	Sarcopenia and its relationship with bone mineral density in middle-aged and elderly European men. 2013 , 24, 87-98		190
225	Osteoporotic hip fractures: bisphosphonates sales and observed turning point in trend. A population-based retrospective study. 2013 , 53, 430-6		18
224	High impact exercise increased femoral neck bone mineral density in older men: a randomised unilateral intervention. 2013 , 53, 321-8		75
223	Biophysical regulation of stem cell differentiation. 2013 , 11, 83-91		28
222	Physical exercise ameliorates the toxic effect of fluoride on the insulin-glucose system. 2013 , 218, 99-103	8	15
221	Healthy aging and age-adjusted nutrition and physical fitness. 2013, 27, 741-52		19
220	The effect of physical exercise on bone density in middle-aged and older men: a systematic review. 2013 , 24, 2749-62		115
219	Effects of whole body vibration training on body composition in adolescents with Down syndrome. 2013 , 34, 1426-33		23
218	Mechanical input restrains PPARI expression and action to preserve mesenchymal stem cell multipotentiality. 2013 , 52, 454-64		32
217	Exercise, nutrition and managing hip fracture in older persons. 2014 , 17, 12-24		38
216	Exercise to Improve Bone Mineral Density. 2013 , 35, 70-74		6

215	Cardiovascular Disease. 2013 , 35, 2-10	17
214	Impact of resistance circuit training on neuromuscular, cardiorespiratory and body composition adaptations in the elderly. 2013 , 4, 256-63	47
213	Are older adults with chronic musculoskeletal pain less active than older adults without pain? A systematic review and meta-analysis. 2013 , 14, 1316-31	100
212	Strength Training in the Elderly People. 2013 , 27, 42-54	
211	Effect of 6 months of whole body vibration on lumbar spine bone density in postmenopausal women: a randomized controlled trial. 2013 , 8, 1603-9	46
21 0	Low-intensity vibration improves angiogenesis and wound healing in diabetic mice. 2014 , 9, e91355	59
209	Cardiovascular program to improve physical fitness in those over 60 years old - pilot study. 2014 , 9, 1269-75	4
208	Effect of Moderate Aerobic Training on Bone Metabolism Indices among Adult Humans. 2014 , 30, 840-4	20
207	Reliability and validity of the revised Osteoporosis Knowledge Test. 2014 , 22, 342-56	5
206	The effect of a long-term, community-based exercise program on bone mineral density in postmenopausal women with pre-diabetes and type 2 diabetes. 2014 , 43, 43-8	11
205	The impact of low-magnitude high-frequency vibration on fracture healing is profoundly influenced by the oestrogen status in mice. 2015 , 8, 93-104	46
204	Effects of short-term swimming exercise on bone mineral density, geometry, and microstructural properties in sham and ovariectomized rats. 2014 , 12, 80-87	2
203	Spatial heterogeneity in the response of the proximal femur to two lower-body resistance exercise regimens. 2014 , 29, 1337-45	26
202	Shake it, baby: the two-edged aspects of vibration. 2014 , 21, 114-5	
201	The impact of osteoporosis, falls, fear of falling, and efficacy expectations on exercise among community-dwelling older adults. 2014 , 33, 277-86; quiz 287-8	13
200	Role of exercise-induced reactive oxygen species in the modulation of heat shock protein response. 2014 , 48, 52-70	45
199	Lumbar trabecular bone mineral density distribution in patients with and without vertebral fractures: a case-control study. 2014 , 23, 1346-53	9
198	Effect of whole-body vibration therapy on health-related physical fitness in children and adolescents with disabilities: a systematic review. 2014 , 54, 385-96	44

197	The direct effect of specific training and walking on bone metabolic markers in young adults with peak bone mass. 2014 , 101, 205-15	9
196	PAHA study: psychological active and healthy aging: psychological wellbeing, proactive attitude and happiness effects of whole-body vibration versus Multicomponent Training in aged women: study protocol for a randomized controlled trial. 2014 , 15, 177	2
195	Effects of a short-term whole body vibration intervention on bone mass and structure in elderly people. 2014 , 17, 160-4	32
194	Predicting surface strains at the human distal radius during an in vivo loading taskfinite element model validation and application. 2014 , 47, 2759-65	17
193	Whole-body Vibration Training Improved the Muscle Thickness and the Walking Ability of a Child with Cerebral Palsy: A Case Study. 2015 , 30, 797-800	
192	The relationship between lower limb bone and muscle in military recruits, response to physical training, and influence of smoking status. 2015 , 5, 9323	6
191	Role of Diet and Exercise in Intervention of Age-Induced Impairments. 2015, 123-131	
190	Prevalence and temporal trends of physical activity counselling in primary health care in Germany from 1997-1999 to 2008-2011. 2015 , 12, 136	11
189	Whole-Body Electromyostimulation to Fight Osteopenia in Elderly Females: The Randomized Controlled Training and Electrostimulation Trial (TEST-III). 2015 , 2015, 643520	28
188	Effects of Tai Chi and Walking Exercises on Weight Loss, Metabolic Syndrome Parameters, and Bone Mineral Density: A Cluster Randomized Controlled Trial. 2015 , 2015, 976123	24
187	Bone mass and bone metabolic indices in male master rowers. 2015 , 33, 540-6	9
186	Combined effects of interaction between physical activity and nutrition on bone health in children and adolescents: a systematic review. 2015 , 73, 127-39	40
185	The Effect of the Modified Eighth Section of Eight-Section Brocade on Osteoporosis in Postmenopausal Women: A Prospective Randomized Trial. 2015 , 94, e991	20
184	Influence of different sports on bone mass in growing girls. 2015 , 33, 1710-8	32
183	Lifestyle and osteoporosis. 2015 , 13, 52-9	46
182	Associations between body mass index, lean and fat body mass and bone mineral density in middle-aged Australians: The Busselton Healthy Ageing Study. 2015 , 74, 146-52	45
181	Effect of 12 Weeks of Whole-Body Vibration Versus Multi-Component Training in Post-Menopausal Women. 2015 , 18, 508-16	15
180	The effects of Pilates exercise training on physical fitness and wellbeing in the elderly: A systematic review for future exercise prescription. 2015 , 75, 1-11	87

(2016-2015)

179	Effects of strength training on body composition, physical functioning, and quality of life in prostate cancer patients during androgen deprivation therapy. 2015 , 54, 1805-13	79
178	The effects of swimming training on bone tissue in adolescence. 2015 , 25, e589-602	24
177	Effect of whole body vibration training on bone mineral density and bone quality in adolescents with Down syndrome: a randomized controlled trial. 2015 , 26, 2449-59	22
176	Effect of combined aerobic and resistance training versus aerobic training on arterial stiffness. 2015 , 178, 69-76	41
175	RELATIONSHIP BETWEEN TRAINING VOLUME AND BONE MINERAL DENSITY CHANGES IN ELDERLY WOMEN. 2016 , 22, 231-234	
174	What is the most effective posture to conduct vibration from the lower to the upper extremities during whole-body vibration exercise?. 2016 , 7, 5-10	4
173	The Effect of Long-Term Exercise on the Production of Osteoclastogenic and Antiosteoclastogenic Cytokines by Peripheral Blood Mononuclear Cells and on Serum Markers of Bone Metabolism. 2016 , 2016, 5925380	9
172	Effects of Vitamin D3 Supplementation on Lean Mass, Muscle Strength, and Bone Mineral Density During Weight Loss: A Double-Blind Randomized Controlled Trial. 2016 , 64, 769-78	24
171	High Cardiorespiratory Fitness Is Associated with Reduced Risk of Low Bone Density in Postmenopausal Women. 2016 , 25, 1073-1080	7
170	Strength Training in Males and Females IMotives, Training Habits, Knowledge, and Stereotypic Perceptions. 2016 , 74, 323-334	9
169	Thai Osteoporosis Foundation (TOPF) position statements on management of osteoporosis. 2016 , 2, 191-207	19
168	Effects of tai chi exercise on bone health in perimenopausal and postmenopausal women: a systematic review and meta-analysis. 2016 , 27, 2901-11	19
167	[Effect of high impact movements on body composition, strength and bone mineral density on women over 60 years]. 2016 , 51, 68-74	5
166	Imaging of sarcopenia. 2016 , 85, 1519-24	59
165	Objectively measured physical activity and plasma metabolomics in the Shanghai Physical Activity Study. 2016 , 45, 1433-1444	47
164	Rapamycin Attenuates Age-associated Changes in Tibialis Anterior Tendon Viscoelastic Properties. 2016 , 71, 858-65	23
163	Direct effects of physical training on markers of bone metabolism and serum sclerostin concentrations in older adults with low bone mass. 2016 , 17, 254	30
162	Keeping Death at Bay through Health Negotiation: Older Adults[Understanding of Health and Life within Gym and Fitness Culture. 2016 , 40, 200-218	8

161	The Effect of Bone-Loading Exercise on Bone Mineral Density in Women Following Treatment for Breast Cancer: A Systematic Review and Meta-analysis. 2016 , 34, 144-155		1
160	Skeletal site-specific effects of endurance running on structure and strength of tibia, lumbar vertebrae, and mandible in male Sprague-Dawley rats. 2016 , 41, 597-604		4
159	Einfluss sportlicher AktivitEauf die Knochendichte. 2016 , 66, 40-42		О
158	Effects of low-dose ibuprofen supplementation and resistance training on bone and muscle in postmenopausal women: A randomized controlled trial. 2016 , 5, 96-103		16
157	Fragility fracture risk and skeletal muscle function. 2016 , 19, 37-41		9
156	Higher bone mass in prepubertal and peripubertal female footballers. 2016 , 16, 877-83		10
155	Resistance Training as a Tool for Preventing and Treating Musculoskeletal Disorders. <i>Sports Medicine</i> , 2016 , 46, 1239-48	10.6	49
154	Serum sclerostin and DKK1 in relation to exercise against bone loss in experimental bed rest. 2016 , 34, 354-65		30
153	Effect of whole-body vibration training on bone mass in adolescents with and without Down syndrome: a randomized controlled trial. 2016 , 27, 181-91		12
152	State of the Art Review: Physical Activity and Older Adults. 2017 , 11, 42-57		26
151	Vibration transmission of the spine during walking is different between the lumbar and thoracic regions in older adults. 2017 , 46, 982-987		4
150	Whole body vibration versus magnetic therapy on bone mineral density in elderly osteoporotic individuals. 2017 , 30, 903-912		7
149	Molecular effects of exercise training in patients with cardiovascular disease: focus on skeletal muscle, endothelium, and myocardium. 2017 , 313, H72-H88		65
148	Hypodynamia Alters Bone Quality and Trabecular Microarchitecture. 2017 , 100, 332-340		14
147	Comparison of two automated assays of BTM (CTX and P1NP) and reference intervals in a Danish population. 2017 , 28, 2103-2113		40
146	Sprint Interval Training Induces A Sexual Dimorphism but does not Improve Peak Bone Mass in Young and Healthy Mice. 2017 , 7, 44047		3
145	Clinical guidelines for the prevention and treatment of osteoporosis: summary statements and recommendations from the Italian Society for Orthopaedics and Traumatology. 2017 , 18, 3-36		91
144	Exercise and bone health across the lifespan. 2017 , 18, 931-946		89

143 Changes in Organ Physiology in the Aging Adult. **2017**, 3, 8-12

142	Sex differences in the association between stroke and bone mineral density in elderly Koreans: The Korean National Health and Nutrition Examination Survey, 2008-2010. 2017 , 95, 1-5	1
141	Superior Effects of Eccentric to Concentric Knee Extensor Resistance Training on Physical Fitness, Insulin Sensitivity and Lipid Profiles of Elderly Men. 2017 , 8, 209	35
140	Effects of water-based exercise on bone health of middle-aged and older adults: a systematic review and meta-analysis. 2017 , 8, 39-60	27
139	A partially supervised physical activity program for adult and adolescent survivors of childhood cancer (SURfit): study design of a randomized controlled trial [NCT02730767]. 2017 , 17, 822	8
138	Risk Factors for Osteoporosis in Postmenopausal Women. 2017 , 71, 25-28	52
137	Pilates Mat y composicifi corporal de mujeres posmenopūsicas. Estudio densitom t rico / Pilates Mat and Body Composition of Postmenopausal Women. Densitometric Study. 2017 , 67,	2
136	Sports participation and fracture in older Australian men. 2018 , 13, 43	2
135	Exercise effects on bone mineral density in older men: a systematic review with special emphasis on study interventions. 2018 , 29, 1493-1504	18
134	Effect of Tai Chi for the prevention or treatment of osteoporosis in elderly adults: protocol for a systematic review and meta-analysis. 2018 , 8, e020123	3
133	Bone adaptation in response to treadmill exercise in young and adult mice. 2018, 8, 29-37	18
132	Bone mineral density in lifelong trained male football players compared with young and elderly untrained men. 2018 , 7, 159-168	15
131	Effects of multicomponent training on lean and bone mass in postmenopausal and older women: a systematic review. 2018 , 25, 346-356	21
130	Whole-body vibration training and bone health in postmenopausal women: A systematic review and meta-analysis. 2018 , 97, e11918	32
129	MUSCULAR STRENGTH AND REGIONAL LEAN MASS INFLUENCE BONE MINERAL HEALTH AMONG YOUNG FEMALES. 2018 , 24, 186-191	2
128	Whole Body Vibration Methods with Survivors of Polio. 2018,	3
127	The Effectiveness of Physical Exercise on Bone Density in Osteoporotic Patients. 2018 , 2018, 4840531	87
126	Is Vibration Training Good for Your Bones? An Overview of Systematic Reviews. 2018 , 2018, 5178284	10

125	Effects of Resistance Exercise on Bone Health. 2018 , 33, 435-444		68
124	Ranking of osteogenic potential of physical exercises in postmenopausal women based on femoral neck strains. 2018 , 13, e0195463		15
123	Exercise Early and Often: Effects of Physical Activity and Exercise on Women's Bone Health. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	55
122	Lifestyle Management of Diabetes: Implications for the Bone-Vascular Axis. 2018, 18, 84		10
121	Muscle strength and regional lean body mass influence on mineral bone health in young male adults. 2018 , 13, e0191769		11
120	BONE HEALTH, MUSCLE STRENGTH AND LEAN MASS: RELATIONSHIPS AND EXERCISE RECOMMENDATIONS. 2019 , 25, 245-251		O
119	Epigenomic adaptations of exercise in the control of metabolic disease and cancer. 2019 , 289-316		O
118	Effects of Two Different Neuromuscular Training Protocols on Regional Bone Mass in Postmenopausal Women: A Randomized Controlled Trial. 2019 , 10, 846		2
117	Bone health of middle-aged and older surfers. 2019 , 10, 123-132		1
116	Site-Specific Load-Induced Expansion of Sca-1Prrx1 and Sca-1Prrx1 Cells in Adult Mouse Long Bone Is Attenuated With Age. 2019 , 3, e10199		7
115	Exercise Mitigates Bone Loss in Women With Severe Obesity After Roux-en-Y Gastric Bypass: A Randomized Controlled Trial. 2019 , 104, 4639-4650		33
114	Effects of Whole-Body Vibration Training Combined With Cyclic Hypoxia on Bone Mineral Density in Elderly People. 2019 , 10, 1122		9
113	Physical Activity at Adulthood and Old Age. 2019 , 59-69		2
112	Dynamic strength training intensity in cardiovascular rehabilitation: is it time to reconsider clinical practice? A systematic review. 2019 , 26, 1483-1492		22
111	Dose-response effects of exercise on bone mineral density and content in post-menopausal women. 2019 , 29, 1121-1129		18
110	DEVELOPING A LIFELONG RESISTANCE TRAINING PROGRAM. 2019 , 23, 9-15		2
109	Lower Body Acceleration and Muscular Responses to Rotational and Vertical Whole-Body Vibration at Different Frequencies and Amplitudes. 2019 , 17, 1559325818819946		5
108	Strength Assessments. 2019 , 471-481		

107	Whole body vibration on people with sequelae of polio. 2019 , 35, 554-564		4
106	Secondary Fracture Prevention: Consensus Clinical Recommendations from a Multistakeholder Coalition. 2020 , 35, 36-52		63
105	The effect of intermittent running on biomarkers of bone turnover. 2020 , 20, 505-515		1
104	Sex differences in the patterning of age-related bone loss in the human hallucal metatarsal in rural and urban populations. 2020 , 171, 628-644		4
103	A High-Intensity Exercise Intervention Improves Older Women Lumbar Spine and Distal Tibia Bone Microstructure and Function: A 20-Week Randomized Controlled Trial. 2020 , 8, 2100108		3
102	The Bone Metabolic Response to Exercise and Nutrition. 2020 , 48, 49-58		26
101	Decreased pericellular matrix production and selection for enhanced cell membrane repair may impair osteocyte responses to mechanical loading in the aging skeleton. 2020 , 19, e13056		13
100	Therapeutic Effects of Low-Intensity Pulsed Ultrasound on Osteoporosis in Ovariectomized Rats: Intensity-Dependent Study. 2020 , 46, 108-121		5
99	Age-Related Physiological Changes: An Overview. 2020 , 38-54		
98	The Long-Term Benefits of a Multicomponent Physical Activity Program to Body Composition, Muscle Strength, Cardiorespiratory Capacity, and Bone Mineral Density in a Group of Nonagenarians. 2020 , 23, 217-223		O
97	Exercise Training as Part of Musculoskeletal Management for Congenital Myopathy: Where Are We Now?. 2020 , 104, 13-18		4
96	Physical activity and skeletal health in adults. 2020 , 8, 150-162		26
95	Role of Dietary Intake and Serum 25(OH)D on the Effects of a Multicomponent Exercise Program on Bone Mass and Structure of Frail and Pre-Frail Older Adults. <i>Nutrients</i> , 2020 , 12,	5.7	2
94	The Belgian Bone Club 2020 guidelines for the management of osteoporosis in postmenopausal women. 2020 , 139, 69-89		12
93	Intensity of resistance training via self-reported history is critical in properly characterizing musculoskeletal health. 2020 , 21, 729		1
92	Impact of physical activity and exercise on bone health in patients with chronic kidney disease: a systematic review of observational and experimental studies. 2020 , 21, 334		8
91	Exercise Benefits and Recommendations for the 6-Week Postpartum Period. 2020 , 42, 12-21		
90	Vascular and Microvascular Dysfunction Induced by Microgravity and Its Analogs in Humans: Mechanisms and Countermeasures. 2020 , 11, 952		13

89	Secondary Fracture Prevention: Consensus Clinical Recommendations from a Multistakeholder Coalition. 2020 , 34, e125-e141		6
88	The Benefits of Strength Training on Musculoskeletal System Health: Practical Applications for Interdisciplinary Care. <i>Sports Medicine</i> , 2020 , 50, 1431-1450	10.6	27
87	Associations among Bone Mineral Density, Physical Activity and Nutritional Intake in Middle-Aged Women with High Levels of Arterial Stiffness: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
86	High impact physical activity and bone health of lower extremities in childhood cancer survivors: A cross-sectional study of SURfit. 2020 , 147, 1845-1854		3
85	Effects of age and sex on osteocalcin and bone-specific alkaline phosphatase-reference intervals and confounders for two bone formation markers. 2020 , 15, 26		7
84	Determinants of Bone Health Status in a Multi-Ethnic Population in Klang Valley, Malaysia. International Journal of Environmental Research and Public Health, 2020, 17,	4.6	14
83	Muscle and bone mass in middle-aged women: role of menopausal status and physical activity. 2020 , 11, 698-709		34
82	Associations of physical activity intensities, impact intensities and osteogenic index with proximal femur bone traits among sedentary older adults. 2021 , 143, 115704		1
81	Effect of blood flow restriction during low-intensity resistance training on bone markers and physical functions in postmenopausal women. 2021 , 19, 57-65		6
80	Asymmetry of Muscle Mass Distribution and Grip Strength in Professional Handball Players. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	5
79	Powerlifting exercise performance and muscle mass indices and their relationship with bone mineral density. 2021 , 17, 735-743		
78	Physical Activity and Bone Health in Men: A Systematic Review and Meta-Analysis. 2021 , 28, 27-39		4
77	Effects of high-intensity interval training in more or less active mice on biomechanical, biophysical and biochemical bone parameters. 2021 , 11, 6414		1
76	Maintaining Bone Health in the Lumbar Spine: Routine Activities Alone Are Not Enough. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 661837	5.8	O
75	Effectiveness of whole-body vibration or biofeedback postural training as an add-on to vestibular exercises rehabilitation therapy in chronic unilateral vestibular weakness: A randomized controlled study. 2021 , 31, 181-190		3
74	Bone mineral density in elite masters athletes: the effect of body composition and long-term exercise. 2021 , 18, 7		3
73	Exercise intensity assessment and prescription in cardiovascular rehabilitation and beyond: why and how: a position statement from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. 2021 ,		12
72	Molecular features and tissue engineering techniques applied to regenerative surgery: an overview of recent data. 2021 , 70, 119-127		1

Endurance running prevents the age-related decline of calcaneal bone stiffness. 2021, 16, 83 71 Long-term effect of full-body pulsed electromagnetic field and exercise protocol in the treatment 70 of men with osteopenia or osteoporosis: A randomized placebo-controlled trial.. 2021, 10, 649 Strength Training to Prevent Falls in Older Adults: A Systematic Review with Meta-Analysis of 69 5.1 Randomized Controlled Trials. Journal of Clinical Medicine, 2021, 10, Feasibility, tolerance and effects of adding impact loading exercise to pulmonary rehabilitation in people with chronic obstructive pulmonary disease: study protocol for a pilot randomised 68 controlled trial. 2021, 7, 151 Plasma membrane disruption (PMD) formation and repair in mechanosensitive tissues. 2021, 149, 115970 67 1 The Association Between Walking Speed and Bone Turnover Markers in Older Adults. 2021, 13, e18019 66 Long-term effect of full-body pulsed electromagnetic field and exercise protocol in the treatment 65 1 of men with osteopenia or osteoporosis: A randomized placebo-controlled trial. 10, 649 The effects of exercise on the bone health of people with cancer: a systematic review and 64 meta-analysis. 2021, 1 The Impact of Diet and Physical Activity on Bone Health in Children and Adolescents. 2021, 12, 704647 63 9 Effects of vibration in forced posture on biochemical bone metabolism indices, and morphometric 62 and mechanical properties of the lumbar vertebra. 2013, 8, e78640 The effects of exercise training and type of exercise training on changes in bone mineral denstiy in 61 4 Korean postmenopausal women: a systematic review. 2016, 20, 7-15 The Efficacy and Safety of Bisphosphonates for Osteoporosis in Women Older Than 65 Years: A 60 Meta-Analysis. 2020, 26, 4022-4030 What types of physical activities are effective in developing muscle and bone strength and 16 59 balance?. 2018, 3, 58-65 Strategies to change body composition in older adults: do type of exercise and dose distribution 58 matter?. 2020, 60, 552-561 Bone Mineral Status of Young Men With Different Levels of Physical Activity. 2019, 26, 8-13 57 2 56 Metabolic Health in the Aging Female: Human Perspective. **2013**, 123-139

Letter: Changes of Bone Metabolic Markers after Exercise Training in 70's Elderly Women (Korean J Obes 2014;23:50-57). **2014**, 23, 211

Osteoporosis and spine fractures. 2014, 124-133

55

53	Fracture considerations. 2014 , 439-447	
52	Physiological Changes Affecting the Nutritional Needs of Masters Athletes. 2014, 1-16	
51	Exercise and Bone Health. 2015 , 505-542	1
50	Osteoporose. 2016 , 21-48	1
49	Comparison of Metabolic Risk Factors and Physical Fitness according to Femur Osteoporotic Status in Elderly Women. 2017 , 26, 145-151	
48	Therapieverfahren. 2018 , 119-165	
47	Nutrition et activit[physique´: une combinaison gagnante pour la sant[bsseuse. 2019 , 17, 13	
46	Non-pharmacological Interventions for Osteosarcopenia. 2019 , 345-361	
45	Primary Prevention. 2020, 13-28	
44	The Impact of Lifestyle Changes on the Quality of Everyday Life of People with Osteoporosis 1-7	
43	Effect of exercise on bone mineral density among patients with osteoporosis and osteopenia: A systematic review and network meta-analysis. 2021 ,	1
42	Sensomotorik: abhlīgige Funktionen und Klīperstrukturen. 2020 , 91-118	
41	A review on interventions to prevent osteoporosis and improve fracture healing in osteoporotic patients. 2020 , 7, 243-268	
40	2019 PAPER OF THE YEAR. 2020 , 24, 3-3	
39	Effects of whole body vibration exercises on bone mineral density of women with postmenopausal osteoporosis without medications: novel findings and literature review. 2016 , 16, 193-203	24
38	Bone health, muscle properties and stretch-shortening cycle function of young and elderly males. 2019 , 19, 389-395	1
37	Suit therapy versus whole-body vibration on bone mineral density in children with spastic diplegia. 2021 , 21, 79-84	О
36	Acute catabolic bone metabolism response to exercise in young and older adults: A narrative review. 2021 , 157, 111633	O

Long-term effect of full-body pulsed electromagnetic field and exercise protocol in the treatment 35 of men with osteopenia or osteoporosis: A randomized placebo-controlled trial. 10, 649 The mechanotransduction of MLO-Y4 cells is disrupted by the senescence-associated secretory 34 phenotype of neighboring cells.. 2022, Systematic Review and Meta-analyses on the Effects of Whole-body Vibration on Bone Health.. \circ 33 2022, 65, 102811 Regular Exercise and Weight-Control Behavior Are Protective Factors against Osteoporosis for General Population: A Propensity Score-Matched Analysis from Taiwan Biobank Participants.. 6.7 Nutrients, 2022, 14, Effectiveness of Whole-Body Vibration Combined with Multicomponent Training on the Risk of Falls and Quality of Life in Elderly Women with Osteoporosis: Study Protocol for a Randomized 31 4.9 1 Controlled Clinical Trial.. Biology, 2022, 11, Exercise and Nutrition Impact on Osteoporosis and Sarcopenia-The Incidence of Osteosarcopenia: 8 6.7 30 A Narrative Review.. Nutrients, 2021, 13, Die aktiven Bausteine der Regulativen Schmerzbehandlung [langfristige anti-nozizeptive periphere und zentrale Reorganisation mit integrierter Qualifizierung der Schmerztoleranz und 29 Schmerzhemmung. 2022, 289-383 Comparison of the effect of bone induction with different exercise modes in mice.. Bio-Medical 28 Materials and Engineering, 2022, Physical Therapist Management of Patients With Suspected or Confirmed Osteoporosis: A Clinical Practice Guideline From the Academy of Geriatric Physical Therapy.. Journal of Geriatric Physical Ο 27 3.2 *Therapy*, **2021**, 44, E106-E119 Association of Sarcopenia with Osteopenia and Osteoporosis in Community-Dwelling Older Korean 26 5.1 Adults: A Cross-Sectional Study.. Journal of Clinical Medicine, 2021, 11, Anthropometric and Body Composition Measurements Related to Osteoporosis in Geriatric 25 0.5 Population.. Medeniyet Medical Journal, 2021, 36, 294-301 From Cultured Vascular Cells to Vessels: The Cellular and Molecular Basis of Vascular Dysfunction 5.8 24 in Space.. Frontiers in Bioengineering and Biotechnology, **2022**, 10, 862059 Table_1.pdf. **2020**, 23 Intermittent Hypoxia as a Therapeutic Tool to Improve Health Parameters in Older Adults.. 22 4.6 International Journal of Environmental Research and Public Health, 2022, 19, Strong, steady and straight: UK consensus statement on physical activity and exercise for 21 10.3 0 osteoporosis.. British Journal of Sports Medicine, 2022, Femur Length is Correlated with Isometric Quadriceps Strength in Post-Operative Patients. 20 1.4 International Journal of Sports Physical Therapy, 2022, 17, Influence of lifestyle factors on bone metabolism and the risk of osteoporosis. Profilakticheskaya 19 0.5 Meditsina, 2022, 25, 96 The Effect of Resistance Training on Bone Mineral Density in Older Adults: A Systematic Review 18 3.4 and Meta-Analysis. Healthcare (Switzerland), 2022, 10, 1129

17	The beneficial effects of square dance on musculoskeletal system in early postmenopausal Chinese women: a cross-sectional study. <i>BMC Woments Health</i> , 2022 , 22,	2.9	O
16	The Bone Metabolic Response to a Period of High-Intensity Intermittent Exercise Along with Calcium and Vitamin D Consumption in Postmenopausal Women. <i>Zahedan Journal of Researches in Medical Sciences</i> , 2022 , 24,	0.9	
15	Recreational Football and Bone Health: A Systematic Review and Meta-analysis. Sports Medicine,	10.6	1
14	Randomized Controlled Trial of Group Exercise Intervention for Fall Risk Factors Reduction in Nursing Home Residents. 1-9		O
13	Translation and Linguistic Validation of the Assessment of Physical Activity in Frail Older People into Simplified Chinese Using Cognitive Interviewing Methodology. 2022 , 1-8		O
12	Personalised Nutritional Plan and Resistance Exercise Program to Improve Health Parameters in Celiac Women. 2022 , 11, 3238		O
11	Bone Mass, Density, Geometry and Stress-Strain Index in Adults with Osteogenesis Imperfecta Type I, and their Associations with Physical Activity and Muscle Function Parameters.		О
10	Al-Supported Comprehensive Detection and Quantification of Biomarkers of Subclinical Widespread Diseases at Chest CT for Preventive Medicine. 2022 , 10, 2166		O
9	Resistance circuit training combined with hypoxia stimulates bone system of older adults: A randomized trial. 2022 , 169, 111983		O
8	Global trends and hotspots in research on osteoporosis rehabilitation: A bibliometric study and visualization analysis. 10,		1
7	Molecular mechanisms of exercise contributing to tissue regeneration. 2022 , 7,		O
6	Bibliometric and visualized analysis of exercise and osteoporosis from 2002 to 2021. 9,		O
5	Effect of resistance exercise on bone health of old aged individuals: Review. 2022,		O
4	Program design considerations for bone health in premenopausal women. 2022 , 7, 007-015		O
3	Effects of Intermittent Normobaric Hypoxia on Health-Related Outcomes in Healthy Older Adults: A Systematic Review. 2023 , 9,		0
2	Prevention and Management of Osteoporosis Through Exercise. 2023 , 273-288		O
1	Physiological adaptations of skeletal muscle and bone to resistance training and its applications in orthopedics: A review. 2023 , 38, 3		0