

Adiposity and bone health in Spanish adolescents. The I

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Sedentary behaviours and its association with bone mass in adolescents: the HELENA cross-sectional study. <i>BMC Public Health</i> , 2012, 12, 971.	1.2	41
2	Relationship Between Markers of Body Fat and Calcaneal Bone Stiffness Differs Between Preschool and Primary School Children: Results from the IDEFICS Baseline Survey. <i>Calcified Tissue International</i> , 2012, 91, 276-285.	1.5	12
3	Influence of Birth Weight on Calcaneal Bone Stiffness in Belgian Preadolescent Children. <i>Calcified Tissue International</i> , 2012, 91, 267-275.	1.5	8
4	Effects of whole body vibration training on body composition in adolescents with Down syndrome. <i>Research in Developmental Disabilities</i> , 2013, 34, 1426-1433.	1.2	33
5	Fat mass influence on bone mass is mediated by the independent association between lean mass and bone mass among elderly women: A cross-sectional study. <i>Maturitas</i> , 2013, 74, 44-53.	1.0	13
7	Does Excess Weight Interfere with Bone Mass Accumulation during Adolescence?. <i>Nutrients</i> , 2013, 5, 2047-2061.	1.7	35
8	Physical Activity and Bone Mineral Accrual in Boys with Different Body Mass Parameters during Puberty: A Longitudinal Study. <i>PLoS ONE</i> , 2014, 9, e107759.	1.1	48
9	High Bone Density in Adolescents With Obesity Is Related to Fat Mass and Serum Leptin Concentrations. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 58, 723-728.	0.9	28
10	High fat diets are associated with higher abdominal adiposity regardless of physical activity in adolescents; the HELENA study. <i>Clinical Nutrition</i> , 2014, 33, 859-866.	2.3	20
11	Influence of birth weight on calcaneal bone stiffness in Belgian pre-adolescent children. <i>Archives of Public Health</i> , 2014, 72, .	1.0	0
12	Excess body fat negatively affects bone mass in adolescents. <i>Nutrition</i> , 2014, 30, 847-852.	1.1	53
13	Relative Importance of Lean and Fat Mass on Bone Mineral Density in Iranian Children and Adolescents. <i>International Journal of Endocrinology and Metabolism</i> , 2015, 13, e25542.	0.3	26
14	Influences of Physical Fitness on Bone Mass in Women With Fibromyalgia. <i>Adapted Physical Activity Quarterly</i> , 2015, 32, 125-136.	0.6	5
15	Application of a model based on dual-energy X-ray absorptiometry and finite element simulation for predicting the probability of osteoporotic hip fractures to a sample of people over 60 years. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015, 229, 369-385.	1.0	2
16	The Influence of Anthropometry and Body Composition on Children's Bone Health: The Childhood Health, Activity and Motor Performance School (The CHAMPS) Study, Denmark. <i>Calcified Tissue International</i> , 2015, 96, 97-104.	1.5	24
17	Effect of a program of short bouts of exercise on bone health in adolescents involved in different sports: the PRO-BONE study protocol. <i>BMC Public Health</i> , 2015, 15, 361.	1.2	26
18	The effects of swimming training on bone tissue in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e589-602.	1.3	32
19	Effect of whole body vibration training on bone mineral density and bone quality in adolescents with Down syndrome: a randomized controlled trial. <i>Osteoporosis International</i> , 2015, 26, 2449-2459.	1.3	26

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20	High vitamin D and calcium intakes increase bone mineral (Ca and P) content in high-fat diet-induced obese mice. <i>Nutrition Research</i> , 2015, 35, 146-154.	1.3	13
21	Lean mass as a total mediator of the influence of muscular fitness on bone health in schoolchildren: a mediation analysis. <i>Journal of Sports Sciences</i> , 2015, 33, 817-830.	1.0	27
22	Sedentary time has a negative influence on bone mineral parameters in peripubertal boys: a 1-year prospective study. <i>Journal of Bone and Mineral Metabolism</i> , 2015, 33, 85-92.	1.3	39
23	Urinary Mineral Concentrations in European Pre-Adolescent Children and Their Association with Calcaneal Bone Quantitative Ultrasound Measurements. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 471.	1.2	3
24	Relationship between underweight, bone mineral density and skeletal muscle index in premenopausal Korean women. <i>International Journal of Clinical Practice</i> , 2016, 70, 462-468.	0.8	26
25	Body mass but not vitamin D status is associated with bone mineral content and density in young school children in northern Sweden. <i>Food and Nutrition Research</i> , 2016, 60, 30045.	1.2	15
26	Adipocytokines and bone metabolism markers in relation to bone mineral values in early pubertal boys with different physical activity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 723-9.	0.4	9
27	Associations Between Body Composition and Bone Health in Children and Adolescents: A Systematic Review. <i>Calcified Tissue International</i> , 2016, 99, 557-577.	1.5	78
28	Physical activity, bone mass and muscle strength in children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1127-1128.	0.7	6
29	Longitudinal associations between bone and adipose tissue biochemical markers with bone mineralization in boys during puberty. <i>BMC Pediatrics</i> , 2016, 16, 102.	0.7	15
30	The Effects of Body Composition, Dietary Intake, and Physical Activity on Calcaneus Quantitative Ultrasound in Spanish Young Adults. <i>Biological Research for Nursing</i> , 2016, 18, 439-444.	1.0	16
31	Body Composition Indices and Single and Clustered Cardiovascular Disease Risk Factors in Adolescents: Providing Clinical-Based Cut-Points. <i>Progress in Cardiovascular Diseases</i> , 2016, 58, 555-564.	1.6	46
32	Associations between adiposity, hormones, and gains in height, whole-body height-adjusted bone size, and size-adjusted bone mineral content in 8- to 11-year-old children. <i>Osteoporosis International</i> , 2016, 27, 1619-1629.	1.3	10
33	An exercise-based randomized controlled trial on brain, cognition, physical health and mental health in overweight/obese children (ActiveBrains project): Rationale, design and methods. <i>Contemporary Clinical Trials</i> , 2016, 47, 315-324.	0.8	88
34	Vitamin D status of Icelandic children and its influence on bone accrual. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 580-586.	1.3	7
35	Effect of whole-body vibration training on bone mass in adolescents with and without Down syndrome: a randomized controlled trial. <i>Osteoporosis International</i> , 2016, 27, 181-191.	1.3	15
36	Assessing Fat Mass of Adolescent Swimmers Using Anthropometric Equations: A DXA Validation Study. <i>Research Quarterly for Exercise and Sport</i> , 2017, 88, 230-236.	0.8	5
37	Differences in bone mineral density between normal-weight children and children with overweight and obesity: a systematic review and meta-analysis. <i>Obesity Reviews</i> , 2017, 18, 526-546.	3.1	67

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38	Determinants of Bone Outcomes in Adolescent Athletes at Baseline. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1389-1396.	0.2	35
39	The Impact of Sport Participation on Bone Mass and Geometry in Male Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 317-326.	0.2	39
40	Physical activity and bone mineral density at the femoral neck subregions in adolescents with Down syndrome. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 1075-1082.	0.4	5
41	Longitudinal Adaptations of Bone Mass, Geometry, and Metabolism in Adolescent Male Athletes: The PRO-BONE Study. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2269-2277.	3.1	35
42	Lean mass explains the association between muscular fitness and bone outcomes in 13-year-old boys. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1658-1665.	0.7	14
43	Do 6 months of whole-body vibration training improve lean mass and bone mass acquisition of adolescent swimmers?. <i>Archives of Osteoporosis</i> , 2017, 12, 69.	1.0	14
44	A maximal incremental effort alters tear osmolarity depending on the fitness level in military helicopter pilots. <i>Ocular Surface</i> , 2017, 15, 795-801.	2.2	11
45	Soft tissues, areal bone mineral density and hip geometry estimates in active young boys: the PRO-BONE study. <i>European Journal of Applied Physiology</i> , 2017, 117, 833-842.	1.2	11
46	Body Composition, Nutritional Profile and Muscular Fitness Affect Bone Health in a Sample of Schoolchildren from Colombia: The Fuprecol Study. <i>Nutrients</i> , 2017, 9, 106.	1.7	12
47	The Role of Overweight and Obesity on Bone Health in Korean Adolescents with a Focus on Lean and Fat Mass. <i>Journal of Korean Medical Science</i> , 2017, 32, 1633.	1.1	27
48	The relationship between adiposity and bone density in U.S. children and adolescents. <i>PLoS ONE</i> , 2017, 12, e0181587.	1.1	26
49	Mediterranean diet, diet quality, and bone mineral content in adolescents: the HELENA study. <i>Osteoporosis International</i> , 2018, 29, 1329-1340.	1.3	11
50	Body fat mass, lean body mass and associated biomarkers as determinants of bone mineral density in children 6–8 years of age – The Physical Activity and Nutrition in Children (PANIC) study. <i>Bone</i> , 2018, 108, 106-114.	1.4	37
51	Physical Fitness, Adiposity, and Diets as Surrogate Measures of Bone Health in Schoolchildren: A Biochemical and Cross-Sectional Survey Analysis. <i>Journal of Clinical Densitometry</i> , 2018, 21, 406-419.	0.5	20
52	Agreement Between Standard Body Composition Methods to Estimate Percentage of Body Fat in Young Male Athletes. <i>Pediatric Exercise Science</i> , 2018, 30, 402-410.	0.5	21
53	Longitudinal determinants of 12-month changes on bone health in adolescent male athletes. <i>Archives of Osteoporosis</i> , 2018, 13, 106.	1.0	15
54	Relative contributions of lean and fat mass to bone strength in young Hispanic and non-Hispanic girls. <i>Bone</i> , 2018, 113, 144-150.	1.4	19
55	The associations between the changes in serum inflammatory markers and bone mineral accrual in boys with overweight and obesity during pubertal maturation: a 3-year longitudinal study in Estonian boys. <i>Osteoporosis International</i> , 2018, 29, 2069-2078.	1.3	4

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56	Physical Activity, Sedentary Behaviour, Sleep Duration and Well-Being Among Estonian Schoolchildren: A Thematic Review. <i>International Handbooks of Quality-of-life</i> , 2018, , 365-391.	0.3	3
57	Hepatic fat content and bone mineral density in children with overweight/obesity. <i>Pediatric Research</i> , 2018, 84, 684-688.	1.1	10
58	Influence of different playing surfaces on bone mass accretion in male adolescent football players: A one-season study. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2019, 233, 536-547.	0.4	0
59	Body Mass Index, Lean Mass, and Body Fat Percentage as Mediators of the Relationship between Milk Consumption and Bone Health in Young Adults. <i>Nutrients</i> , 2019, 11, 2500.	1.7	7
60	Long-term childhood body mass index and adult bone mass are linked through concurrent body mass index and body composition. <i>Bone</i> , 2019, 121, 259-266.	1.4	4
61	Body composition and bone mineral density in childhood. <i>Bone</i> , 2019, 121, 9-15.	1.4	27
62	Frequency and duration of vigorous physical activity bouts are associated with adolescent boys' bone mineral status: A cross-sectional study. <i>Bone</i> , 2019, 120, 141-147.	1.4	17
63	Physical fitness and shapes of subcortical brain structures in children. <i>British Journal of Nutrition</i> , 2019, 122, S49-S58.	1.2	29
64	Inflammatory markers and bone mass in children with overweight/obesity: the role of muscular fitness. <i>Pediatric Research</i> , 2020, 87, 42-47.	1.1	9
65	Hip and wrist accelerometers showed consistent associations with fitness and fatness in children aged 8-12 years. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 995-1003.	0.7	9
66	Differences in areal bone mineral density between metabolically healthy and unhealthy overweight/obese children: the role of physical activity and cardiorespiratory fitness. <i>Pediatric Research</i> , 2020, 87, 1219-1225.	1.1	7
67	Sex differences in the longitudinal associations between body composition and bone stiffness index in European children and adolescents. <i>Bone</i> , 2020, 131, 115162.	1.4	6
68	Validity of Slaughter Equations and Bioelectrical Impedance Against Dual-Energy X-Ray Absorptiometry in Children. <i>Obesity</i> , 2020, 28, 803-812.	1.5	3
69	Impact of changes in fat mass and lean soft tissue on bone mineral density accrual in adolescents engaged in different sports: ABCD Growth Study. <i>Archives of Osteoporosis</i> , 2020, 15, 22.	1.0	9
70	Dairy product intake decreases bone resorption following a 12-week diet and exercise intervention in overweight and obese adolescent girls. <i>Pediatric Research</i> , 2020, 88, 910-916.	1.1	16
71	Genetic variants in the FAM3C gene are associated with lipid traits in Chinese children. <i>Pediatric Research</i> , 2021, 89, 673-678.	1.1	1
72	Influence of Changes in Soft Tissue Composition on Changes in Bone Strength in Peripubertal Girls: The STAR Longitudinal Study. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 123-132.	3.1	10
73	Quantitative peripheral computed tomography to measure muscle area and assess lean soft tissue mass in children. <i>Annals of Human Biology</i> , 2021, 48, 93-100.	0.4	0

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74	Insulin resistance and bone health in adolescents. Archives of Osteoporosis, 2021, 16, 66.	1.0	5
75	Influence of weight status on bone mineral content measured by DXA in children. BMC Pediatrics, 2021, 21, 185.	0.7	16
76	Non-linear association of body composition and its components with bone density in Iranian children and adolescents. Archives of Osteoporosis, 2021, 16, 77.	1.0	1
77	25-Hydroxyvitamin D and Cardiorespiratory Fitness in Prepubertal Overweight and Obese Children. Nutrients, 2021, 13, 1597.	1.7	3
78	Association between Visceral and Bone Marrow Adipose Tissue and Bone Quality in Sedentary and Physically Active Ovariectomized Wistar Rats. Life, 2021, 11, 478.	1.1	1
79	The association between overweight and obesity on bone mineral density in 12 to 15 years old adolescents in China. Medicine (United States), 2021, 100, e26872.	0.4	6
80	Factors associated with bone health status of Malaysian pre-adolescent children in the PREBONE-Kids Study. BMC Pediatrics, 2021, 21, 382.	0.7	1
81	Targeted Gene Sequencing, Bone Health, and Body Composition in Cornelia de Lange Syndrome. Applied Sciences (Switzerland), 2021, 11, 710.	1.3	2
82	Physical Activity and Bone Health in Schoolchildren: The Mediating Role of Fitness and Body Fat. PLoS ONE, 2015, 10, e0123797.	1.1	15
83	Insulin and bone health in young adults: The mediator role of lean mass. PLoS ONE, 2017, 12, e0173874.	1.1	15
84	Effects of whole-body vibration training on bone density and turnover markers in adolescent swimmers. Journal of Pediatric Endocrinology and Metabolism, 2020, 33, 623-630.	0.4	5
85	Is Playing Soccer More Osteogenic for Females Before the Pubertal Spurt?. Journal of Human Kinetics, 2019, 67, 153-161.	0.7	3
86	Swimming training repercussion on metabolic and structural bone development; benefits of the incorporation of whole body vibration or pilometric training; the RENACIMIENTO project. Nutricion Hospitalaria, 2014, 30, 399-409.	0.2	19
87	Associations of Sedentary Behaviour, Physical Activity, Cardiorespiratory Fitness and Body Composition with Risk of Sleep-Related Breathing Disorders in Children with Overweight/Obesity: A Cross-Sectional Study. Journal of Clinical Medicine, 2020, 9, 1544.	1.0	7
89	Associations between Spanish children's physical activity and physical fitness with lean body mass: The CALINA study. Journal of Sports Sciences, 2022, 40, 401-412.	1.0	1
90	Influência da obesidade nos critérios de classificação de sarcopenia em idosos. Revista Brasileira De Geriatria E Gerontologia, 2020, 23, .	0.1	1
91	Association between Body Composition and Bone Mineral Density in Children and Adolescents: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 12126.	1.2	14
92	Condición física, composición corporal y rendimiento académico en niños/as con sobrepeso/obesidad. Sport TK, 0, , 47-56.	0.3	0

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93	Active Video Games Improve Muscular Fitness and Motor Skills in Children with Overweight or Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2642.	1.2	12
94	The Mediating Role of Endocrine Factors in the Positive Relationship Between Fat Mass and Bone Mineral Content in Children Aged 9–11 Years: The Physical Activity and Nutrition in Children Study. <i>Frontiers in Endocrinology</i> , 2022, 13, 850448.	1.5	1
95	Early Life Factors Associated with Lean Body Mass in Spanish Children: CALINA Study. <i>Children</i> , 2022, 9, 585.	0.6	1
97	Bone mineral density and body composition in normal weight, overweight and obese children. <i>BMC Pediatrics</i> , 2022, 22, 249.	0.7	12
98	Adiposity, Insulin Resistance, Cardiorespiratory Fitness, and Bone Health in Hispanic Children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3797-e3804.	1.8	3
99	Pubertal increment in insulin resistance is negatively related to lumbar bone mineral density in 18-year-old males. <i>Osteoporosis International</i> , 0, , .	1.3	2
100	Do Serum 25-Hydroxyvitamin D Concentrations Affect Body Composition, Physical Fitness, Bone Strength and Bone Biomarkers in Female Children and Adolescent Football Players? A One-Season Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15394.	1.2	0
101	Association of total body fat and fat distribution with bone mineral density among children and adolescents aged 6–17 years from Guangzhou, China. <i>European Journal of Pediatrics</i> , 0, , .	1.3	0
102	Design of a Computer Model for the Identification of Adolescent Swimmers at Risk of Low BMD. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3454.	1.2	0