## CITATION REPORT List of articles citing

A longitudinal analysis of sex differences in bone mineral accrual in healthy 8-19-year-old boys and girls

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#	Paper	IF	Citations
99	Evidence of sustained skeletal benefits from impact-loading exercise in young females: a 3-year longitudinal study. <i>Journal of Bone and Mineral Research</i> , <b>2004</b> , 19, 314-22	6.3	79
98	Vitamin D and bone health in early life. Proceedings of the Nutrition Society, 2003, 62, 823-8	2.9	29
97	Multilevel modelling. <b>2004</b> , 306-330		21
96	Sexual dimorphism of the femoral neck during the adolescent growth spurt: a structural analysis. <i>Bone</i> , <b>2004</b> , 35, 973-81	4.7	69
95	Bone mineral density by age, gender, pubertal stages, and socioeconomic status in healthy Lebanese children and adolescents. <i>Bone</i> , <b>2004</b> , 35, 1169-79	4.7	90
94	Nutrition influences bone growth in children. <i>Journal of Nutrition</i> , <b>2004</b> , 134, 689S-690S	4.1	4
93	Bone Health Across the Lifespan. <i>Journal of Womeni</i> Health Physical Therapy, <b>2005</b> , 29, 13-18	0.7	1
92	Examining bone surfaces across puberty: a 20-month pQCT trial. <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 1202-7	6.3	50
91	Positive effects of vegetable and fruit consumption and calcium intake on bone mineral accrual in boys during growth from childhood to adolescence: the University of Saskatchewan Pediatric Bone Mineral Accrual Study. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 700-706	7	73
90	Positive effects of vegetable and fruit consumption and calcium intake on bone mineral accrual in boys during growth from childhood to adolescence: the University of Saskatchewan Pediatric Bone Mineral Accrual Study. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 700-6	7	66
89	Cannabinoids as Therapeutics. <b>2005</b> ,		13
88	The influence of dance training on growth and maturation of young females: a mixed longitudinal study. <i>Annals of Human Biology</i> , <b>2006</b> , 33, 342-56	1.7	19
87	Physical activity and strength of the femoral neck during the adolescent growth spurt: a longitudinal analysis. <i>Bone</i> , <b>2006</b> , 38, 576-83	4.7	57
86	Bone strength and its determinants in pre- and early pubertal boys and girls. <i>Bone</i> , <b>2006</b> , 39, 598-608	4.7	132
85	Fractures and recurrent fractures in children; varying effects of environmental factors as well as bone size and mass. <i>Bone</i> , <b>2006</b> , 39, 652-7	4.7	123
84	Relationships of activity and sugar drink intake on fat mass development in youths. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 1245-54	1.2	49
83	Dancing for bone health: a 3-year longitudinal study of bone mineral accrual across puberty in female non-elite dancers and controls. <i>Osteoporosis International</i> , <b>2006</b> , 17, 1043-54	5.3	42

## (2011-2008)

82	Impact exercise increases BMC during growth: an 8-year longitudinal study. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 986-93	6.3	140
81	Bone Acquisition in Adolescence. <b>2008</b> , 743-758		1
80	Jump starting skeletal health: a 4-year longitudinal study assessing the effects of jumping on skeletal development in pre and circum pubertal children. <i>Bone</i> , <b>2008</b> , 42, 710-8	4.7	63
79	A longitudinal study of the relationship of physical activity to bone mineral accrual from adolescence to young adulthood. <i>Bone</i> , <b>2008</b> , 43, 1101-7	4.7	143
78	Effect of long-term corticosteroid use on bone mineral density in children: a prospective longitudinal assessment in the childhood Asthma Management Program (CAMP) study. <i>Pediatrics</i> , <b>2008</b> , 122, e53-61	7.4	133
77	The influence of physical activity on lean mass accrual during adolescence: a longitudinal analysis. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 734-41	3.7	81
76	Physical activity and bone development during childhood: insights from animal models. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 334-41	3.7	25
75	Bone microstructure at the distal tibia provides a strength advantage to males in late puberty: an HR-pQCT study. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 1423-32	6.3	43
74	Calcium requirements for bone growth in Canadian boys and girls during adolescence. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 575-80	3.6	31
73	Lower bone mass in prepubertal overweight children with prediabetes. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 2760-9	6.3	69
72	International longitudinal pediatric reference standards for bone mineral content. <i>Bone</i> , <b>2010</b> , 46, 208-	<b>16</b> .7	39
71	Does childhood and adolescence fracture influence bone mineral content in young adulthood?. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2010</b> , 35, 235-43	3	6
70	2. Vitamin D in Skeletal Growth and Development. <i>Translational Endocrinology &amp; Metabolism</i> , <b>2011</b> , 43-6	50	
69	Influence of body composition on bone mass in children and adolescents. <i>Revista Da Associd</i> o <i>Midica Brasileira (English Edition)</i> , <b>2011</b> , 57, 648-653		
68	Influence of body composition on bone mass in children and adolescents. <i>Revista Da Associa</i> <b>b</b> <i>M</i> dica Brasileira, <b>2011</b> , 57, 662-7	1.4	11
67	Effect of maturational timing on bone mineral content accrual from childhood to adulthood: evidence from 15 years of longitudinal data. <i>Bone</i> , <b>2011</b> , 48, 1178-85	4.7	53
66	Maturational timing does not predict HSA estimated adult bone geometry at the proximal femur. <i>Bone</i> , <b>2011</b> , 49, 1270-8	4.7	2
65	Changes in bone mineral density in response to 24 weeks of resistance training in college-age men and women. <i>Journal of Strength and Conditioning Research</i> , <b>2011</b> , 25, 1098-103	3.2	31

64	Correlation of insulin sensitivity with bone mineral status in obese adolescents with nonalcoholic fatty liver disease. <i>Clinical Endocrinology</i> , <b>2011</b> , 75, 189-95	3.4	38
63	The muscle-bone unit of peripheral and central skeletal sites in children and young adults. <i>Osteoporosis International</i> , <b>2011</b> , 22, 121-32	5.3	24
62	Longitudinal changes in calcaneal quantitative ultrasound measures during childhood. <i>Osteoporosis International</i> , <b>2011</b> , 22, 2295-305	5.3	12
61	Pubertal timing and body mass index gain from birth to maturity in relation with femoral neck BMD and distal tibia microstructure in healthy female subjects. <i>Osteoporosis International</i> , <b>2011</b> , 22, 2689-98	5.3	28
60	Bone mineral accrual from 8 to 30 years of age: an estimation of peak bone mass. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1729-39	6.3	369
59	The timing of BMD and geometric adaptation at the proximal femur from childhood to early adulthood in males and females: a longitudinal study. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 2753-61	6.3	18
58	The association between baroreflex sensitivity and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2012</b> , 37, 301-7	3	22
57	Physical Activity Interactions with Bone Accrual in Children and Adolescents. 2012,		
56	Cortical porosity is higher in boys compared with girls at the distal radius and distal tibia during pubertal growth: an HR-pQCT study. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 273-82	6.3	91
55	Higher premenarcheal bone mass in elite gymnasts is maintained into young adulthood after long-term retirement from sport: a 14-year follow-up. <i>Journal of Bone and Mineral Research</i> , <b>2012</b> , 27, 104-10	6.3	50
54	Bone Acquisition in Adolescence. <b>2013</b> , 1017-1036		1
53	How does bone quality differ between healthy-weight and overweight adolescents and young adults?. <i>Clinical Orthopaedics and Related Research</i> , <b>2013</b> , 471, 1214-25	2.2	10
52	Prevention of Osteoporosis and Bone Fragility: A Pediatric Concern. <i>American Journal of Lifestyle Medicine</i> , <b>2013</b> , 7, 405-417	1.9	5
51	Body fat in children does not adversely influence bone development: a 7-year longitudinal study (EarlyBird 18). <i>Pediatric Obesity</i> , <b>2013</b> , 8, 418-27	4.6	12
50	Physical activity and bone mineral accrual in boys with different body mass parameters during puberty: a longitudinal study. <i>PLoS ONE</i> , <b>2014</b> , 9, e107759	3.7	44
49	[Factors that influence bone mass of healthy children and adolescents measured by quantitative ultrasound at the hand phalanges: a systematic review]. <i>Revista Paulista De Pediatria</i> , <b>2014</b> , 32, 266-72	1.2	6
48	Adolescent physical activity and bone strength at the proximal femur in adulthood. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 736-44	1.2	14
47	Pubertal timing, bone acquisition, and risk of fracture throughout life. <i>Endocrine Reviews</i> , <b>2014</b> , 35, 820-	- <b>47</b> .2	89

## (2018-2014)

46	Factors that influence bone mass of healthy children and adolescents measured by quantitative ultrasound at the hand phalanges: a systematic review* *Study conducted at Faculdade de Cificias Mdicas da Universidade Estadual de Campinas, Campinas, SP, Brazil <i>Revista Paulista De Pediatria</i>		
45	The Effect of Calcium or Calcium and Vitamin D Supplementation on Bone Mineral Density in Healthy Males: A Systematic Review and Meta-Analysis. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2015</b> , 25, 510-24	4.4	20
44	Enhancing a Somatic Maturity Prediction Model. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1755-64	1.2	247
43	The effects of sports participation on the development of left ventricular mass in adolescent boys. <i>American Journal of Human Biology</i> , <b>2015</b> , 27, 530-7	2.7	2
42	The association between arterial properties and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2015</b> , 40, 72-8	3	16
41	Bone architecture and strength in the growing skeleton: the role of sedentary time. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 363-72	1.2	22
40	Tibial bone responses to 6-month calcium and vitamin D supplementation in young male jockeys: A randomised controlled trial. <i>Bone</i> , <b>2015</b> , 81, 554-561	4.7	14
39	References. <b>2016</b> , 477-600		
38	Competitive Swimming and Handball Participation Have a Positive Influence on Bone Parameters as Assessed by Phalangeal Quantitative Ultrasound in Female Adolescents. <i>Pediatric Exercise Science</i> , <b>2016</b> , 28, 423-30	2	2
37	Influence of Exercise and Training on Critical Stages of Bone Growth and Development. <i>Pediatric Exercise Science</i> , <b>2016</b> , 28, 178-86	2	16
36	Sex- and Maturity-Related Differences in Cortical Bone at the Distal Radius and Midshaft Tibia Evaluated by Quantitative Ultrasonography. <i>Ultrasound in Medicine and Biology</i> , <b>2016</b> , 42, 2043-9	3.5	5
35	The associations of exposure to combined hormonal contraceptive use on bone mineral content and areal bone mineral density accrual from adolescence to young adulthood: A longitudinal study. <i>Bone Reports</i> , <b>2016</b> , 5, e333-e341	2.6	10
34	Mechanical, biochemical, and dietary determinants of the functional model of bone development of the radius in children and adolescents. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 780-78	37	0
33	Ethnic Differences in Peripheral Skeletal Development Among Urban South African Adolescents: A Ten-Year Longitudinal pQCT Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 2355-2366	6.3	5
32	Are milk and alternatives and fruit and vegetable intakes during adolescence associated with cortical and trabecular bone structure, density, and strength in adulthood?. <i>Osteoporosis International</i> , <b>2017</b> , 28, 609-619	5.3	7
31	Sex Differences and Growth-Related Adaptations in Bone Microarchitecture, Geometry, Density, and Strength From Childhood to Early Adulthood: A Mixed Longitudinal HR-pQCT Study. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 250-263	6.3	48
30	A Brief History of Pediatric Exercise Physiology. <i>Pediatric Exercise Science</i> , <b>2018</b> , 30, 1-10	2	12
29	Vegetarian-style dietary pattern during adolescence has long-term positive impact on bone from adolescence to young adulthood: a longitudinal study. <i>Nutrition Journal</i> , <b>2018</b> , 17, 36	4.3	19

28	Heavy Episodic Drinking Is Associated With Poorer Bone Health in Adolescent and Young Adult Women. <i>Journal of Studies on Alcohol and Drugs</i> , <b>2018</b> , 79, 391-398	1.9	13
27	Effect of maturational timing on bone health in male adolescent athletes engaged in different sports: The PRO-BONE study. <i>Journal of Science and Medicine in Sport</i> , <b>2019</b> , 22, 253-258	4.4	11
26	Clarity and Confusion in the Development of Youth Aerobic Fitness. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 979	4.6	11
25	Multilevel allometric modelling of maximal stroke volume and peak oxygen uptake in 11-13-year-olds. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 2629-2639	3.4	7
24	Bone mineral density, energy availability, and dietary restraint in collegiate cross-country runners and non-running controls. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 1747-1756	3.4	14
23	Development of 11- to 16-year-oldsSshort-term power output determined using both treadmill running and cycle ergometry. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 1565-1580	3.4	7
22	Relationship between nonalcoholic fatty liver disease and bone mineral density in adolescents with obesity: a meta-analysis. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2019</b> , 12, 199-	2ð <del>7</del>	5
21	Multilevel allometric modelling of maximum cardiac output, maximum arteriovenous oxygen difference, and peak oxygen uptake in 11-13-year-olds. <i>European Journal of Applied Physiology</i> , <b>2020</b> , 120, 527-537	3.4	7
20	Traditional and New Perspectives on Youth Cardiorespiratory Fitness. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 2563-2573	1.2	11
19	The Development of Aerobic and Anaerobic Fitness with Reference to Youth Athletes. <i>Journal of Science in Sport and Exercise</i> , <b>2020</b> , 2, 275-286	1	4
18	Influence of sex-specific concurrent changes in age, maturity status, and morphological covariates on the development of peak ventilatory variables in 10-17-year-olds. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 783-792	3.4	3
17	Sex-related differences in accumulated O deficit incurred by high-intensity rowing exercise during childhood and adolescence. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 1641-1651	3.4	2
16	Association between handgrip strength and bone mineral density of Brazilian children and adolescents stratified by sex: a cross-sectional study. <i>BMC Pediatrics</i> , <b>2021</b> , 21, 207	2.6	2
15	Role of polyphenols in the metabolism of the skeletal system in humans and animals he review. <i>Annals of Animal Science</i> , <b>2021</b> ,	2	3
14	The association between overweight and obesity on bone mineral density in 12 to 15 years old adolescents in China. <i>Medicine (United States)</i> , <b>2021</b> , 100, e26872	1.8	2
13	The skeleton: stone bones and stoned heads?. <b>2005</b> , 201-206		9
12	Influence of body composition on bone mass in children and adolescents. <i>Revista Da Associa</i> lo <i>Midica Brasileira</i> , <b>2011</b> , 57, 648-653	1.4	1
11	Exercise during growth: Compelling evidence for the primary prevention of osteoporosis?. <i>BoneKEy Osteovision</i> , <b>2007</b> , 4, 171-180		3

## CITATION REPORT

10	Multilevel Approach of a 1-Year Program of Dietary and Exercise Interventions on Bone Mineral Content and Density in Metabolic Syndromethe RESOLVE Randomized Controlled Trial. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136491	3.7	14
9	Higher Serum Insulin Concentrations Positively Influence the Bone Mineral Density in African American Adolescents. <i>British Journal of Medicine and Medical Research</i> , <b>2013</b> , 3, 1050-1061		6
8	Bibiography. <b>2004</b> , 409-466		
7	Impact Exercise for Optimal Bone Health in Growing Children: An Evidence-Based Approach to Exercise Prescription. <b>2012</b> , 2413-2426		
6	Exercise and Skeletal Growth. <b>2011</b> ,		
5	Sex differences in bone mineral content and bone geometry accrual: a review of the Paediatric Bone Mineral Accural Study (1991-2017) <i>Annals of Human Biology</i> , <b>2021</b> , 48, 503-516	1.7	2
4	Sex-Related Differences in Oxygen Consumption Recovery After High-Intensity Rowing Exercise During Childhood and Adolescence <i>Pediatric Exercise Science</i> , <b>2022</b> , 1-9	2	
3	FGF21 Levels and Bone Mineral Density in Metabolically Healthy and Metabolically Unhealthy Obese Children. <i>JCRPE Journal of Clinical Research in Pediatric Endocrinology</i> ,	1.9	О
2	Physical activity volume and intensity distribution in relation to bone, lean and fat mass in children.		О
1	Sex- and age-related differences in the rating of perceived exertion after high-intensity rowing exercise during childhood and adolescence.		Ο