The â€[~]Functional Muscle-Bone Unitâ€.[™]Probing the rel development in children and adolescents

Growth Hormone and IGF Research

17, 1-9

DOI: 10.1016/j.ghir.2006.10.004

Citation Report

#	ARTICLE	IF	CITATIONS
1	Subcutaneous Fat and Body Fat Mass Have Different Effects on Bone Development at the Forearm in Children and Adolescents. Calcified Tissue International, 2008, 82, 436-444.	1.5	9
2	Genetics of the Musculoskeletal System: A Pleiotropic Approach. Journal of Bone and Mineral Research, 2008, 23, 788-802.	3.1	96
3	The longâ€ŧerm effect of αâ€ketoglutarate, given early in postnatal life, on both growth and various bone parameters in pigs. Journal of Animal Physiology and Animal Nutrition, 2008, 92, 519-528.	1.0	15
4	Exercise during childhood and adolescence: A prophylaxis against cystic fibrosis-related low bone mineral density?. Journal of Cystic Fibrosis, 2008, 7, 270-276.	0.3	50
5	Dual Energy X-ray Absorptiometry Interpretation and Reporting in Children and Adolescents: The 2007 ISCD Pediatric Official Positions. Journal of Clinical Densitometry, 2008, 11, 43-58.	0.5	480
6	Deficits in Bone Mineral Content in Children and Adolescents With Cystic Fibrosis Are Related to Height Deficits. Journal of Clinical Densitometry, 2008, 11, 581-589.	0.5	40
7	The †Functional Muscle-Cartilage Unit': A Reasonable Approach to Describe a Putative Relationship between Muscle Force and Longitudinal Growth at the Forearm in Children and Adolescents?. Hormone Research, 2008, 70, 285-293.	1.8	4
8	High and Low Birth Weight and its Implication for Growth and Bone Development in Childhood and Adolescence. Journal of Pediatric Endocrinology and Metabolism, 2009, 22, 19-30.	0.4	5
9	Forearm Length – A New Tool to Standardize Bone Parameters of the Forearm Measured with Peripheral Quantitative Computed Tomography in Individuals with Disproportional Growth of Forearm Length and Body Height. Hormone Research, 2009, 72, 172-177.	1.8	3
10	Mechanographic Analyses in Pediatrics: Allometric Scaling of †Peak Jump Force' and Its Relationship to †Maximal Isometric Grip Force' in Childhood and Adolescence. Klinische Padiatrie, 2009, 221, 436-439.	0.2	0
12	The relationship between body composition and the urinary excretion of deoxypyridinoline and galactosyl-hydroxylysine in children and adolescents. Journal of Bone and Mineral Metabolism, 2009, 27, 689-697.	1.3	2
13	Assessing the skeleton in children and adolescents with disabilities: Avoiding pitfalls, maximising outcomes. A guide for the general paediatrician. Journal of Paediatrics and Child Health, 2009, 45, 326-331.	0.4	12
14	Bone and Muscle Development During Puberty in Girls: A Seven-Year Longitudinal Study. Journal of Bone and Mineral Research, 2009, 24, 1693-1698.	3.1	80
15	Update on Cystic Fibrosis-Related Bone Disease: A Special Focus on Children. Paediatric Respiratory Reviews, 2009, 10, 134-142.	1.2	54
16	â€~Putting flesh back onto the bones?' Can we predict soft tissue properties from skeletal and fossil remains?. Journal of Human Evolution, 2010, 59, 484-492.	1.3	19
17	Degree of Mineralization at the Attachment of Lateral Pterygoid. Anatomical Record, 2010, 293, 1387-1392.	0.8	2
18	Disorders of ovarian function in childhood and adolescence: evolving needs of the growing child. An endocrine perspective. BJOG: an International Journal of Obstetrics and Gynaecology, 2010, 117, 156-162.	1.1	16
10	Bone mineral density and body composition in adolescents with failure to thrive. Einstein (Sao Paulo,) Tj ETQq1	1 0,7843 <u>14</u>	4 rgBT /Overl

	CITATION	CITATION REPORT	
#	ARTICLE	IF	CITATIONS
20	N-Terminal C-Type Natriuretic Propeptide is Associated with the Endosteal Apposition of Bone in Females with a Persistent Eating Disorder. Hormone Research in Paediatrics, 2010, 74, 201-206.	0.8	1
21	The Bone-Muscle Relationship in Men and Women. Journal of Osteoporosis, 2011, 2011, 1-4.	0.1	116
23	DXA measurements in rett syndrome reveal small bones with low bone mass. Journal of Bone and Mineral Research, 2011, 26, 2280-2286.	3.1	35
24	Maximum Ground Reaction Force in Relation to Tibial Bone Mass in Children and Adults. Medicine and Science in Sports and Exercise, 2011, 43, 2102-2109.	0.2	36
25	Brown Adipose Tissue and Its Relationship to Bone Structure in Pediatric Patients. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 2693-2698.	1.8	61
26	The effect of growth hormone deficiency on size-corrected bone mineral measures in pre-pubertal children. Osteoporosis International, 2012, 23, 2211-2217.	1.3	9
28	Sex-specific associations between soft tissue body composition and bone mineral density among older adults. Annals of Human Biology, 2012, 39, 206-213.	0.4	25
29	Muscle strength and soccer practice as major determinants of bone mineral density in adolescents. Joint Bone Spine, 2012, 79, 403-408.	0.8	42
30	Peripheral quantitative computed tomography (pQCT) reveals alterations in the threeâ€dimensional bone structure in children with haemophilia. Haemophilia, 2012, 18, 955-961.	1.0	13
31	Possible mechanisms for the skeletal effects of antipsychotics in children and adolescents. Therapeutic Advances in Psychopharmacology, 2013, 3, 278-293.	1.2	33
32	Endocrine Problems in Children and Adolescents Who Have Disabilities. Hormone Research in Paediatrics, 2013, 80, 221-228.	0.8	16
33	Muscle area estimation from cortical bone. Anatomical Record, 2013, 296, 1695-1707.	0.8	18
34	Mild Myopathy Is Associated with COMP but Not MATN3 Mutations in Mouse Models of Genetic Skeletal Diseases. PLoS ONE, 2013, 8, e82412.	1.1	6
35	The Association between the Low Muscle Mass and Osteoporosis in Elderly Korean People. Journal of Korean Medical Science, 2014, 29, 995.	1.1	67
36	Heterogeneity in Skeletal Load Adaptation Points to a Role for Modeling in the Pathogenesis of Osteoporotic Fracture. Journal of Clinical Densitometry, 2014, 17, 170-176.	0.5	5
37	The functional muscle–bone unit in subjects of varying BMD. Osteoporosis International, 2014, 25, 999-1004.	1.3	17
38	Dual-Energy X-Ray Absorptiometry Interpretation and Reporting in Children and Adolescents: The Revised 2013 ISCD Pediatric Official Positions. Journal of Clinical Densitometry, 2014, 17, 225-242.	0.5	444
39	Isolated Growth Hormone Deficiency (GHD) in Childhood and Adolescence: Recent Advances. Endocrine Reviews, 2014, 35, 376-432.	8.9	110

#	Article	IF	CITATIONS
40	Reference data and percentile curves of body composition measured with dual energy X-ray absorptiometry in healthy Chinese children and adolescents. Journal of Bone and Mineral Metabolism, 2015, 33, 530-539.	1.3	9
41	Bone Loss and Physical Activity - A Bio Anthropological Perspective. Journal of Osteoporosis and Physical Activity, 2016, 04, .	0.2	3
42	Beyond mobility assessment: Timed up and go test and its relationship to osteoporosis and fracture risk. Journal of Clinical Gerontology and Geriatrics, 2016, 7, 48-52.	0.7	11
43	Associations Between Body Composition and Bone Health in Children and Adolescents: A Systematic Review. Calcified Tissue International, 2016, 99, 557-577.	1.5	78
44	Association of Jumping Mechanography-Derived Indices of Muscle Function with Tibial Cortical Bone Geometry. Calcified Tissue International, 2016, 98, 446-455.	1.5	6
45	Assessment of condyle, masseter and temporal muscles volumes in patients with juvenile systemic lupus erythematosus: A cross-sectional study. Journal of Oral Biology and Craniofacial Research, 2017, 7, 89-94.	0.8	2
46	Are there effects of age, gender, height, and body fat on the functional muscle-bone unit in children and adults?. Osteoporosis International, 2018, 29, 1069-1079.	1.3	19
47	Relationship between body mass, lean mass, fat mass, and limb bone crossâ€sectional geometry: Implications for estimating body mass and physique from the skeleton. American Journal of Physical Anthropology, 2018, 166, 56-69.	2.1	33
48	Bone Geometry, Quality, and Bone Markers in Children with Type 1 Diabetes Mellitus. Calcified Tissue International, 2018, 102, 657-665.	1.5	18
49	Associations Between Lean Mass, Muscle Strength and Power, and Skeletal Size, Density and Strength in Older Men. Journal of Bone and Mineral Research, 2018, 33, 1612-1621.	3.1	21
50	Prepubertal skeletal muscle growth requires Pax7-expressing satellite cell-derived myonuclear contribution. Development (Cambridge), 2018, 145, .	1.2	95
51	Age and sex effects on the relationship between body composition and hip geometric structure in males and females from East China. Archives of Osteoporosis, 2018, 13, 79.	1.0	9
52	Physical Activity, Physical Fitness, Body Composition, and Nutrition Are Associated with Bone Status in University Students. Nutrients, 2018, 10, 61.	1.7	16
53	Usefulness of circuit training at home for improving bone mass and muscle mass while losing fat mass in undergraduate female students. Lipids in Health and Disease, 2018, 17, 104.	1.2	7
54	Osteogenesis Imperfecta: Muscle–Bone Interactions when Bi-directionally Compromised. Current Osteoporosis Reports, 2018, 16, 478-489.	1.5	14
55	Estimating body mass and composition from proximal femur dimensions using dual energy x-ray absorptiometry. Archaeological and Anthropological Sciences, 2019, 11, 2167-2179.	0.7	14
56	Interaction of body fat percentage and height with appendicular functional muscle-bone unit. Archives of Osteoporosis, 2019, 14, 65.	1.0	1
57	Low muscle mass and strength in pediatrics patients: Why should we care?. Clinical Nutrition, 2019, 38, 2002-2015.	2.3	88

	Сітат	CITATION REPORT	
#	Article	IF	CITATIONS
58	Pharmacotherapy in Rare Skeletal Diseases. Handbook of Experimental Pharmacology, 2019, 261, 87-104	. 0.9	1
59	Body composition and bone mineral density in childhood. Bone, 2019, 121, 9-15.	1.4	27
60	Mediating role of physical fitness and fat mass on the associations between physical activity and bone health in youth. Journal of Sports Sciences, 2020, 38, 2811-2818.	1.0	7
61	Muscle force interacts with stature to influence functionally related polar second moments of area in the lower limb among adult women. American Journal of Physical Anthropology, 2020, 173, 258-275.	2.1	4
62	Skeletal muscle of females and males with constitutional thinness: a low intramuscular lipid content and oxidative profile. Applied Physiology, Nutrition and Metabolism, 2020, 45, 1287-1298.	0.9	6
63	The muscle to bone axis (and viceversa): An encrypted language affecting tissues and organs and yet to be codified?. Pharmacological Research, 2021, 165, 105427.	3.1	16
65	A cross-sectional study of the relationship between recreational sporting activity and calcaneal bone density in adolescents and young adults. Physician and Sportsmedicine, 2021, , 1-9.	1.0	1
66	Skeletal muscle specific mitochondrial dysfunction and altered energy metabolism in a murine model (oim/oim) of severe osteogenesis imperfecta. Molecular Genetics and Metabolism, 2021, 132, 244-253.	0.5	5
67	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
68	Association between muscle mass, bone mineral density and osteoporosis in type 2 diabetes. Journal Diabetes Investigation, 2022, 13, 351-358.	of 1.1	13
69	The Efficacy of Brief School-Based Exercise Programs in Improving Pubertal Bone Mass and Physical Fitness: A Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 9648.	1.2	4
70	Bone, muscle, and sarcopenia. , 2021, , 847-873.		0
71	Whole-body vibration as potential intervention for people with low bone mineral density and osteoporosis: A review. Journal of Rehabilitation Research and Development, 2009, 46, 529.	1.6	110
72	Interaction Between Bone and Muscle in Older Persons with Mobility Limitations. Current Pharmaceutical Design, 2014, 20, 3178-3197.	0.9	88
73	Hormonal Aspects of the Muscle-Bone Unit. Physiological Research, 2008, 57 Suppl 1, S159-S169.	0.4	57
74	Physical Activity and Exercise Programs. , 2009, , 95-97.		1
76	Impact of Disorders of Gonadal Function in Childhood and Adolescence on Growth Patterns and Outcomes. , 2012, , 1137-1162.		0
77	Omega-3 Fatty Acids and Bone Metabolism. , 2011, , .		0

	CITATION	itation Report	
#	Article	IF	CITATIONS
78	Impaired Ability to Perform the Sit-to-Stand Task in Osteoporotic Women. , 0, , .		0
79	Age Typical Associations between Skeletal Muscle Mass and Bone Mass among Healthy Women. Journal of Women's Health, Issues & Care, 2013, 02, .	0.1	1
80	Association of Body Compositions and Bone Mineral Density in Chinese Children and Adolescents: Compositional Data Analysis. BioMed Research International, 2021, 2021, 1-9.	0.9	3
81	Bone fragility and imaging techniques. Clinical Cases in Mineral and Bone Metabolism, 2009, 6, 234-46.	1.0	32
83	Distrectual osteosarcopenia in limb disuse: case report and mini literature review. Acta Biomedica, 2020, 91, e2020005.	0.2	0
84	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
85	Beneficial Effects of Bovine Milk Exosomes in Metabolic Interorgan Cross-Talk. Nutrients, 2022, 14, 1442.	1.7	20
86	Dietary Complex and Slow Digestive Carbohydrates Promote Bone Mass and Improve Bone Microarchitecture during Catch-Up Growth in Rats. Nutrients, 2022, 14, 1303.	1.7	2
88	Archery's signature: an electromyographic analysis of the upper limb. Evolutionary Human Sciences, 2022, 4, .	0.9	3
89	Bone Health in Children with Rheumatic Disorders: Focus on Molecular Mechanisms, Diagnosis, and Management. International Journal of Molecular Sciences, 2022, 23, 5725.	1.8	9
90	New Insights on Bone Tissue and Structural Muscle-Bone Unit in Constitutional Thinness. Frontiers in Physiology, 0, 13, .	1.3	2
91	Positive association of lean mass and negative association of protein intake on bone mass and bone geometry of adolescent soccer players. Nutrition, 2022, , 111857.	1.1	1
92	Effect of resistance exercise on bone health of old aged individuals: Review. Science and Sports, 2022,	0.2	0
96	Knochengewebe. , 2023, , 321-340.		0