

CITATION REPORT

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Muscular strength and markers of insulin resistance in European adolescents: the HELENA Study

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#	Paper	IF	Citations
40	Relationships between insulin sensitivity, skeletal muscle mass and muscle quality in obese adolescent boys. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 1366-8	5.2	28
39	Effects of muscular strength on cardiovascular risk factors and prognosis. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2012 , 32, 351-8	3.6	250
38	Physical activity and markers of insulin resistance in adolescents: role of cardiorespiratory fitness levels--the HELENA study. <i>Pediatric Diabetes</i> , 2013 , 14, 249-58	3.6	16
37	Handgrip force offers a measure of physical function in individuals living with HIV/AIDS. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013 , 63, e30-2	3.1	11
36	Muscular fitness, fatness and inflammatory biomarkers in adolescents. <i>Pediatric Obesity</i> , 2014 , 9, 391-400	4.6	47
35	Leptin, vitamin D, and cardiorespiratory fitness as risk factors for insulin resistance in European adolescents: gender differences in the HELENA Study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 530-7	3	7
34	Breakfast consumption frequency is associated with grip strength in a population of healthy Japanese adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 648-55	4.5	19
33	Inverse association between circulating adiponectin levels and skeletal muscle strength in Japanese men and women. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 42-9	4.5	20
32	Construct validity and test-retest reliability of the International Fitness Scale (IFIS) in Spanish children aged 9-12 years. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, 543-51	4.6	29
31	Body mass index is associated with physical performance in suburb-dwelling older chinese: a cross-sectional study. <i>PLoS ONE</i> , 2015 , 10, e0119914	3.7	11
30	Força de preensão manual como preditor de aptidão física em crianças e adolescentes. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2015 , 17, 1	0.1	8
29	The relationship between physical fitness and obesity among a sample of adolescents in Cyprus. <i>International Journal of Adolescent Medicine and Health</i> , 2015 , 27, 369-75	1.1	2
28	Establishing Normative Reference Values for Handgrip Among Hungarian Youth. <i>Research Quarterly for Exercise and Sport</i> , 2015 , 86 Suppl 1, S29-36	1.9	8
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26	Relationship between grip strength and newly diagnosed nonalcoholic fatty liver disease in a large-scale adult population. <i>Scientific Reports</i> , 2016 , 6, 33255	4.9	27
25	Effects of muscle strength and endurance on blood pressure and related cardiometabolic risk factors from childhood to adolescence. <i>Journal of Hypertension</i> , 2016 , 34, 2365-2375	1.9	12
24	Influence of physical fitness on cardio-metabolic risk factors in European children. The IDEFICS study. <i>International Journal of Obesity</i> , 2016 , 40, 1119-25	5.5	52

23	Allometric Grip Strength Norms for Children of Hawaiian Lineage. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2794-2807	3.2	3
22	Reference Curves for Field Tests of Musculoskeletal Fitness in U.S. Children and Adolescents: The 2012 NHANES National Youth Fitness Survey. <i>Journal of Strength and Conditioning Research</i> , 2017 , 31, 2075-2082	3.2	24
21	Aerobic fitness is associated with low cardiovascular disease risk: the impact of lifestyle on early risk factors for atherosclerosis in young healthy Swedish individuals - the Lifestyle, Biomarker, and Atherosclerosis study. <i>Vascular Health and Risk Management</i> , 2017 , 13, 91-99	4.4	21
20	Non-linear growth trends of toe flexor muscle strength among children, adolescents, and young adults: a cross-sectional study. <i>European Journal of Applied Physiology</i> , 2018 , 118, 1003-1010	3.4	4
19	Low-grade inflammation and muscular fitness on insulin resistance in adolescents: Results from LabMed Physical Activity Study. <i>Pediatric Diabetes</i> , 2018 , 19, 429-435	3.6	10
18	Concurrent aerobic plus resistance exercise versus aerobic exercise alone to improve health outcomes in paediatric obesity: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2018 , 52, 161-166	10.3	60
17	Handgrip strength is associated with insulin resistance and glucose metabolism in adolescents: Evidence from National Health and Nutrition Examination Survey 2011 to 2014. <i>Pediatric Diabetes</i> , 2018 , 19, 375-380	3.6	17
16	The Role of Adiposity in the Association between Muscular Fitness and Cardiovascular Disease. <i>Journal of Pediatrics</i> , 2018 , 199, 178-185.e4	3.6	12
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13	Physical fitness and obesity levels during an academic year followed by summer holidays: an issue of insufficient time for physical activity. <i>International Journal of Adolescent Medicine and Health</i> , 2017 , 31,	1.1	1
12	Association between tooth loss and handgrip strength in a general adult population. <i>PLoS ONE</i> , 2020 , 15, e0236010	3.7	4
11	Age- and Sex-Specific Prevalence and Modifiable Risk Factors of Mild Cognitive Impairment Among Older Adults in China: A Population-Based Observational Study. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 578742	5.3	7
10	Associations of physical activity and fitness with hepatic steatosis, liver enzymes, and insulin resistance in children with overweight/obesity. <i>Pediatric Diabetes</i> , 2020 , 21, 565-574	3.6	6
9	Association between methionine cycle metabolite-related diets and mild cognitive impairment in older Chinese adults: a population-based observational study. <i>Nutritional Neuroscience</i> , 2021 , 1-14	3.6	0
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6	Muscular Fitness and Cardiometabolic Variables in Children and Adolescents: A Systematic Review.. <i>Sports Medicine</i> , 2022 , 1	10.6	1

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4	Body composition, physical fitness and cardiovascular risk factors in 9-year-old children.. <i>Scientific Reports</i> , 2022 , 12, 2665	4.9	1
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