

# Jaak Järvi

## List of Publications by Year in descending order

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Version: 2024-02-01

190  
papers

4,405  
citations

109311

35  
h-index

144002

57  
g-index

192  
all docs

192  
docs citations

192  
times ranked

5030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin to adiponectin ratio in puberty is associated with bone mineral density in 18-year-old males. Bone Reports, 2022, 16, 101158.	0.4	2
2	Effect of Short-Duration High-Intensity Upper-Body Pre-Load Component on Performance among High-Level Cyclists. Sports, 2022, 10, 32.	1.7	1
3	The prevalence of IGF-I axis genetic polymorphisms among decathlon athletes. Growth Hormone and IGF Research, 2022, 64, 101468.	1.1	2
4	Serum sclerostin and cytokine responses to prolonged sculling exercise in highly-trained male rowers. Journal of Sports Sciences, 2021, 39, 591-597.	2.0	5
5	Sclerostin, preadipocyte factor-1 and bone mineral values in eumenorrheic adolescent athletes with different training patterns. Journal of Bone and Mineral Metabolism, 2021, 39, 245-252.	2.7	7
6	Physical fitness in preschool children in relation to later body composition at first grade in school. PLoS ONE, 2021, 16, e0244603.	2.5	12
7	Preschool physical activity and fitness predicts conceptual, verbal and perceptual skills at school. Journal of Sports Sciences, 2021, 39, 1988-1995.	2.0	6
8	Serum sclerostin concentration is associated with specific adipose, muscle and bone tissue markers in lean adolescent females with increased physical activity. Journal of Pediatric Endocrinology and Metabolism, 2021, 34, 755-761.	0.9	9
9	The Effect of Lower Body Anaerobic Pre-loading on Upper Body Ergometer Time Trial Performance. Sports, 2021, 9, 79.	1.7	1
10	Pubertal Physical Activity and Cardiorespiratory Fitness in Relation to Late Adolescent Body Fatness in Boys: A 6-Year Follow-Up Study. International Journal of Environmental Research and Public Health, 2021, 18, 4881.	2.6	3
11	A Longitudinal Study of Bone Mineral Accrual during Growth in Competitive Premenarcheal Rhythmic Gymnasts. Journal of Sports Science and Medicine, 2021, 20, 466-473.	1.6	0
12	Irisin, Fibroblast Growth Factor-21, and Follistatin Responses to Endurance Rowing Training Session in Female Rowers. Frontiers in Physiology, 2021, 12, 689696.	2.8	6
13	Relationships of Bone Mineral Variables with Body Composition, Blood Hormones and Training Volume in Adolescent Female Athletes with Different Loading Patterns. International Journal of Environmental Research and Public Health, 2021, 18, 6571.	2.6	4
14	Physical Activity, Fitness, and Cognitive Performance of Estonian First-Grade Schoolchildren According Their MVPA Level in Kindergarten: A Longitudinal Study. International Journal of Environmental Research and Public Health, 2021, 18, 7576.	2.6	4
15	The Associations of Body Image Perception with Serum Resistin Levels in Highly Trained Adolescent Estonian Rhythmic Gymnasts. Nutrients, 2021, 13, 3147.	4.1	1
16	Can We Improve the Functional Threshold Power Test by Adding High-Intensity Priming Arm-Crank?. Journal of Functional Morphology and Kinesiology, 2021, 6, 88.	2.4	2
17	Resistin concentration is inversely associated with objectively measured physical activity in healthy older women. Aging Clinical and Experimental Research, 2020, 32, 475-481.	2.9	5
18	Inflammatory markers and bone mass in children with overweight/obesity: the role of muscular fitness. Pediatric Research, 2020, 87, 42-47.	2.3	9

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19	Associations between physical activity, body composition, and physical fitness in the transition from preschool to school. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2251-2263.	2.9	22
20	Vitamin C and E Treatment Blunts Sprint Interval Trainingâ€œInduced Changes in Inflammatory Mediator-, Calcium-, and Mitochondria-Related Signaling in Recreationally Active Elderly Humans. <i>Antioxidants</i> , 2020, 9, 879.	5.1	21
21	Changes in cardiorespiratory fitness through adolescence predict metabolic syndrome in young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 701-708.	2.6	12
22	Effects of whole-body vibration training on bone density and turnover markers in adolescent swimmers. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020, 33, 623-630.	0.9	5
23	Irisin and inflammatory cytokines in elite male rowers: adaptation to volume-extended training period. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 61, 102-108.	0.7	5
24	Ghrelin Responses to Acute Exercise and Training. <i>Contemporary Endocrinology</i> , 2020, , 193-207.	0.1	1
25	Physical Activity in Puberty Is Associated with Total Body and Femoral Neck Bone Mineral Characteristics in Males at 18 Years of Age. <i>Medicina (Lithuania)</i> , 2019, 55, 203.	2.0	12
26	Association between Dietary Calcium Intake and Adiposity in Male Adolescents. <i>Nutrients</i> , 2019, 11, 1454.	4.1	9
27	Association of Serum Testosterone at 12 Years with a Subsequent Increase in Bone Mineral Apparent Density at 18 Years: A Longitudinal Study of Boys in Puberty. <i>Hormone Research in Paediatrics</i> , 2019, 91, 400-405.	1.8	7
28	Physical fitness and physical activity of 6-7-year-old children according to weight status and sports participation. <i>PLoS ONE</i> , 2019, 14, e0218901.	2.5	31
29	Conceptual skills and verbal abilities were better in children aged six to seven years who were from more highly educated families and attended sports clubs. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1624-1631.	1.5	8
30	Expertâ€™s Choice: 2018â€™s Most Exciting Research in the Field of Pediatric Exercise Science. <i>Pediatric Exercise Science</i> , 2019, 31, 1-27.	1.0	11
31	Associations of Accumulated Time in Bouts of Sedentary Behavior and Moderate-to-Vigorous Physical Activity With Cardiometabolic Health in 10- to 13-Year-Old Boys. <i>Journal of Physical Activity and Health</i> , 2019, 16, 52-59.	2.0	3
32	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.	2.9	17
33	Early anterior knee pain in male adolescent basketball players is related to body height and abnormal knee morphology. <i>Physical Therapy in Sport</i> , 2018, 32, 273-281.	1.9	4
34	Growth, Maturation, and Exercise During Youthâ€œThe Year That Was 2017. <i>Pediatric Exercise Science</i> , 2018, 30, 42-46.	1.0	2
35	The Impact of Physical Activity on Serum Inflammatory Markers in Overweight Pubertal Boys: 24-Month Follow-Up Study. <i>Pediatric Exercise Science</i> , 2018, 30, 198-207.	1.0	0
36	Longitudinal changes in bone-testis axis and their associations with insulin resistance in 11- to 12-year-old boys. <i>Bone</i> , 2018, 108, 115-120.	2.9	2

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37	Low fitness is associated with metabolic risk independently of central adiposity in a cohort of 18-year-olds. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1084-1091.	2.9	8
38	Report Card Grades on the Physical Activity of Children and Youth Comparing 30 Very High Human Development Index Countries. Journal of Physical Activity and Health, 2018, 15, S298-S314.	2.0	65
39	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries. Journal of Physical Activity and Health, 2018, 15, S251-S273.	2.0	511
40	The Results from Estonia's 2018 Report Card on Physical Activity for Children and Youth. Journal of Physical Activity and Health, 2018, 15, S350-S352.	2.0	9
41	Circulating Inflammatory Cytokine Responses to Endurance Exercise in Female Rowers. International Journal of Sports Medicine, 2018, 39, 1041-1048.	1.7	11
42	Vigorous physical activity patterns affect bone growth during early puberty in boys. Osteoporosis International, 2018, 29, 2693-2701.	3.1	12
43	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. Osteoporosis International, 2018, 29, 2069-2078.	3.1	4
44	Associations of distinct levels of physical activity with mobility in independent healthy older women. Experimental Gerontology, 2018, 110, 209-215.	2.8	11
45	Physical Activity, Sedentary Behaviour, Sleep Duration and Well-Being Among Estonian Schoolchildren: A Thematic Review. International Handbooks of Quality-of-life, 2018, , 365-391.	0.5	3
46	Physical activity, sedentary time and sleep duration: associations with body composition in 10-12-year-old Estonian schoolchildren. BMC Public Health, 2018, 18, 496.	2.9	20
47	Longitudinal associations of android and gynoid fat mass on cardiovascular disease risk factors in normal weight and overweight boys during puberty. American Journal of Human Biology, 2018, 30, e23171.	1.6	13
48	Effects of Gymnastics Activities on Bone Accrual during Growth: A Systematic Review. Journal of Sports Science and Medicine, 2018, 17, 245-258.	1.6	17
49	Body composition, maximal aerobic performance and inflammatory biomarkers in endurance-trained athletes. Clinical Physiology and Functional Imaging, 2017, 37, 288-292.	1.2	19
50	Growth, Maturation and Exercise During Youth 2016. Pediatric Exercise Science, 2017, 29, 3-7.	1.0	4
51	Changes in inflammatory markers in estonian pubertal boys with different BMI values and increments: A 3-Year Follow-Up Study. Obesity, 2017, 25, 600-607.	3.0	12
52	Body composition and inflammatory markers in pubertal girls: Comparison between athletes and non-athletic controls. European Journal of Sport Science, 2017, 17, 867-873.	2.7	4
53	Extensive BMI Gain in Puberty is Associated with Lower Increments in Bone Mineral Density in Estonian Boys with Overweight and Obesity: A 3-Year Longitudinal Study. Calcified Tissue International, 2017, 101, 174-181.	3.1	10
54	Body Composition, Neuromuscular Performance, and Mobility: Comparison Between Regularly Exercising and Inactive Older Women. Journal of Aging and Physical Activity, 2017, 25, 58-64.	1.0	8

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55	Associations of serum leptin, ghrelin and peptide YY levels with physical activity and cardiorespiratory fitness in adolescent boys with different BMI values. <i>Biology of Sport</i> , 2017, 34, 345-352.	3.2	5
56	Comparison of IPAQ-SF and Two Other Physical Activity Questionnaires with Accelerometer in Adolescent Boys. <i>PLoS ONE</i> , 2017, 12, e0169527.	2.5	42
57	Bone Mineralization in Rhythmic Gymnasts Entering Puberty: Associations with Jumping Performance and Body Composition Variables. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 99-104.	1.6	5
58	The Effect of Upper Body Anaerobic Pre-Loading on 2000-m Ergometer-Rowing Performance in College Level Male Rowers. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 264-271.	1.6	6
59	Adiponectin and osteocalcin responses to rowing exercise, and the relationship to substrate oxidation in female rowers. <i>Acta Physiologica Hungarica</i> , 2016, 103, 220-230.	0.9	4
60	Bone Mineral Density in Elite DanceSport Athletes. <i>Medical Problems of Performing Artists</i> , 2016, 31, 25-28.	0.4	4
61	Cardiovascular fitness, physical activity, and metabolic syndrome risk factors among adolescent estonian boys: A longitudinal study. <i>American Journal of Human Biology</i> , 2016, 28, 782-788.	1.6	20
62	Diet misreporting can be corrected: confirmation of the association between energy intake and fat-free mass in adolescents. <i>British Journal of Nutrition</i> , 2016, 116, 1425-1436.	2.3	34
63	Results From Estonia's 2016 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2016, 13, S150-S156.	2.0	9
64	Adipocytokine and ghrelin levels in relation to bone mineral density in prepubertal rhythmic gymnasts entering puberty: a 3-year follow-up study. <i>European Journal of Applied Physiology</i> , 2016, 116, 831-839.	2.5	6
65	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.	0.9	9
66	Objectively measured physical activity levels and sedentary time in 7-9-year-old Estonian schoolchildren: independent associations with body composition parameters. <i>BMC Public Health</i> , 2016, 16, 346.	2.9	25
67	Absence of Bilateral Differences in Child Baseball Players with Throwing-related Pain. <i>International Journal of Sports Medicine</i> , 2016, 37, 952-957.	1.7	4
68	Growth, Maturation, and Exercise During Youth. <i>Pediatric Exercise Science</i> , 2016, 28, 3-6.	1.0	1
69	Longitudinal associations between bone and adipose tissue biochemical markers with bone mineralization in boys during puberty. <i>BMC Pediatrics</i> , 2016, 16, 102.	1.7	15
70	Increased sclerostin and preadipocyte factor-1 levels in prepubertal rhythmic gymnasts: associations with bone mineral density, body composition, and adipocytokine values. <i>Osteoporosis International</i> , 2016, 27, 1239-1243.	3.1	23
71	VO2 Kinetics in All-out Arm Stroke, Leg Kick and Whole Stroke Front Crawl 100-m Swimming. <i>International Journal of Sports Medicine</i> , 2016, 37, 191-196.	1.7	12
72	Acute inflammatory response to prolonged sculling in competitive male rowers. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016, 56, 1368-1375.	0.7	3

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73	Growth, Maturation, and Exercise. <i>Pediatric Exercise Science</i> , 2015, 27, 3-7.	1.0	1
74	Effect of Inspiratory Muscle Warm-up on Submaximal Rowing Performance. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 213-218.	2.1	11
75	Tracking of physical activity in pubertal boys with different BMI over two-year period. <i>Journal of Sports Sciences</i> , 2015, 33, 1649-1657.	2.0	15
76	Osteocalcin is inversely associated with adiposity and leptin in adolescent boys. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2015, 28, 571-7.	0.9	16
77	Maturity-Related Differences in Moderate, Vigorous, and Moderate-to-Vigorous Physical Activity in 10-14-Year-Old Boys. <i>Perceptual and Motor Skills</i> , 2015, 120, 659-670.	1.3	5
78	Vigorous physical activity rather than sedentary behaviour predicts overweight and obesity in pubertal boys: A 2-year follow-up study. <i>Scandinavian Journal of Public Health</i> , 2015, 43, 276-282.	2.3	38
79	Associations between Bone Mineral Characteristics and Serum Levels of Ghrelin and Peptide YY in Overweight Adolescent Boys. <i>Hormone Research in Paediatrics</i> , 2015, 84, 6-13.	1.8	8
80	Spinal posture in different DanceSport dance styles compared with track and field athletes. <i>Medicina (Lithuania)</i> , 2015, 51, 307-311.	2.0	13
81	Association of Subjective Ratings to Objectively Assessed Physical Activity in Pubertal Boys with Differing BMI. <i>Perceptual and Motor Skills</i> , 2015, 121, 245-259.	1.3	6
82	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.	2.7	39
83	A new method for the measurement of maximal fat oxidation: a pilot study. <i>Acta Kinesiologiae Universitatis Tartuensis</i> , 2015, 20, 90.	0.5	3
84	Caliper vs. Lipometer--Comparing Two Methods of Subcutaneous Body Fat Measurement by Bland-Altman Diagrams. <i>Collegium Antropologicum</i> , 2015, 39, 611-5.	0.2	2
85	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.	2.5	48
86	Success Predictors In Dancesport. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 82.	0.4	0
87	Physiological characteristics of elite dancers of different dance styles. <i>European Journal of Sport Science</i> , 2014, 14, S429-36.	2.7	21
88	Role of physical activity in bone health in peripubertal boys. <i>Pediatrics International</i> , 2014, 56, 763-767.	0.5	9
89	Serum interferon gamma concentration is associated with bone mineral density in overweight boys. <i>Journal of Endocrinological Investigation</i> , 2014, 37, 175-180.	3.3	11
90	Anthropometry and somatotypes of competitive DanceSport participants: A comparison of three different styles. <i>HOMO- Journal of Comparative Human Biology</i> , 2014, 65, 155-160.	0.7	9

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91	Dissociation between Running Economy and Running Performance in elite Kenyan Distance Runners. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 724.	0.4	0
92	Adipocytokine and Ghrelin Levels in Relation to Body Composition in Rhythmic Gymnasts Entering into Puberty: A Three-Year Follow-Up Study. <i>Pediatric Exercise Science</i> , 2014, 26, 477-484.	1.0	13
93	Adipocytokine and Ghrelin Responses to Acute Exercise and Sport Training in Children during Growth and Maturation. <i>Pediatric Exercise Science</i> , 2014, 26, 392-403.	1.0	16
94	Ace I/D polymorphism is associated with habitual physical activity in pubertal boys. <i>Journal of Physiological Sciences</i> , 2013, 63, 427-434.	2.1	8
95	Bone mineral density in 11-13-year-old boys: relative importance of the weight status and body composition factors. <i>Rheumatology International</i> , 2013, 33, 1681-1687.	3.0	37
96	Association of physical activity to cardiovascular fitness and fatness in 12-13-year-old boys in different weight status. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2013, 21, 231-239.	1.6	12
97	Ghrelin Responses to Acute Exercise and Training. , 2013, , 207-219.		2
98	Negative correlation between serum IL-6 level and cardiorespiratory fitness in 10- to 11-year-old boys with increased BMI. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2013, 26, 503-8.	0.9	12
99	Running economy and body composition between competitive and recreational level distance runners. <i>Acta Physiologica Hungarica</i> , 2013, 100, 340-346.	0.9	9
100	Interpretation of peak oxygen consumption in 10-12-year-old soccer players: effect of biological maturation and body size. <i>Acta Kinesiologiae Universitatis Tartuensis</i> , 2013, 19, 16.	0.5	1
101	Normal Weight Estonian Prepubertal Boys Show a More Cardiovascular-Risk-Associated Adipose Tissue Distribution than Austrian Counterparts. <i>ISRN Obesity</i> , 2013, 2013, 1-5.	2.2	1
102	Anthropometry, somatotypes, and aerobic power in ballet, contemporary dance, and dancesport. <i>Medical Problems of Performing Artists</i> , 2013, 28, 207-11.	0.4	7
103	Bone Mineralization in Rhythmic Gymnasts before Puberty: No Longitudinal Associations with Adipocytokine and Ghrelin Levels. <i>Hormone Research in Paediatrics</i> , 2012, 77, 369-375.	1.8	9
104	Elevated Serum IL-6, IL-8, MCP-1, CRP, and IFN- $\gamma$ Levels in 10- to 11-Year-Old Boys with Increased BMI. <i>Hormone Research in Paediatrics</i> , 2012, 78, 31-39.	1.8	62
105	The effect of 4-week training period on plasma neuropeptide Y, leptin and ghrelin responses in male rowers. <i>European Journal of Applied Physiology</i> , 2012, 112, 1873-1880.	2.5	26
106	No Effect of Menstrual Cycle Phase and Oral Contraceptive Use on Endurance Performance in Rowers. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 1571-1578.	2.1	68
107	Peripheral signals of energy homeostasis as possible markers of training stress in athletes: a review. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 335-350.	3.4	88
108	No effect of menstrual cycle phase on fuel oxidation during exercise in rowers. <i>European Journal of Applied Physiology</i> , 2011, 111, 1027-1034.	2.5	33



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109	Plasma adipocytokine and ghrelin levels in relation to bone mineral density in prepubertal rhythmic gymnasts. <i>Journal of Bone and Mineral Metabolism</i> , 2011, 29, 717-724.	2.7	25
110	Plasma visfatin and adiponectin concentrations in physically active adolescent girls: relationships with insulin sensitivity and body composition variables. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2011, 24, 419-25.	0.9	7
111	Phase of Oral Contraceptive Cycle and Endurance Capacity of Rowers. <i>Perceptual and Motor Skills</i> , 2011, 113, 764-772.	1.3	7
112	Adiponectin and bone metabolism markers in female rowers: eumenorrheic and oral contraceptive users. <i>Journal of Endocrinological Investigation</i> , 2011, 34, 835-9.	3.3	6
113	Relationships between anthropometric, body composition and bone mineral parameters in 7-8-year-old rhythmic gymnasts compared with controls. <i>Collegium Antropologicum</i> , 2011, 35, 739-45.	0.2	5
114	Anabolic and Catabolic Hormones and Energy Balance of the Male Bodybuilders During the Preparation for the Competition. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1074-1081.	2.1	61
115	Interpretation and application of bone turnover markers in children and adolescents. <i>Current Opinion in Pediatrics</i> , 2010, 22, 494-500.	2.0	78
116	The relationships among bone health, insulin-like growth factor-1 and sex hormones in adolescent female athletes. <i>Journal of Bone and Mineral Metabolism</i> , 2010, 28, 306-313.	2.7	25
117	Plasma adiponectin concentration is associated with the average accelerometer daily steps counts in healthy elderly females. <i>European Journal of Applied Physiology</i> , 2010, 109, 823-828.	2.5	19
118	Relationship between rowing ergometer performance and physiological responses to upper and lower body exercises in rowers. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 434-437.	1.3	32
119	Relationships between adiponectin, leptin, and blood lipids in physically active postmenopausal females. <i>American Journal of Human Biology</i> , 2010, 22, 609-612.	1.6	6
120	ADIPOQ SNP45 associated with lean body mass in physically active normal weight adolescent girls. <i>American Journal of Human Biology</i> , 2010, 22, 813-818.	1.6	7
121	Relationships between contraction properties of knee extensor muscles and fasting IGF-1 and adipocytokines in physically active postmenopausal women. <i>Clinical Physiology and Functional Imaging</i> , 2010, 30, 344-348.	1.2	3
122	Visfatin and Adiponectin Levels in Children: Relationships with Physical Activity and Metabolic Parameters. <i>Medicine and Sport Science</i> , 2010, 55, 56-68.	1.4	3
123	Bone Turnover Markers during Pubertal Development: Relationships with Growth Factors and Adipocytokines. <i>Medicine and Sport Science</i> , 2010, 55, 114-127.	1.4	18
124	Bone Parameters And Adipocytokines In Adolescence Female Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 84.	0.4	1
125	Physiological, biomechanical and anthropometrical predictors of sprint swimming performance in adolescent swimmers. <i>Journal of Sports Science and Medicine</i> , 2010, 9, 398-404.	1.6	53
126	Adipocytokine and ghrelin levels in relation to bone mineral density in physically active older women: longitudinal associations. <i>European Journal of Endocrinology</i> , 2009, 160, 381-385.	3.7	35



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127	Longitudinal Development of Physical and Performance Parameters during Biological Maturation of Young Male Swimmers. Perceptual and Motor Skills, 2009, 108, 297-307.	1.3	48
128	Bone metabolism markers and ghrelin in boys at different stages of sexual maturity. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 892-896.	1.5	19
129	Relationship of handgrip strength with anthropometric and body composition variables in prepubertal children. HOMO- Journal of Comparative Human Biology, 2009, 60, 225-238.	0.7	68
130	Plasma ghrelin concentration is a signal of decreased fat free mass in healthy elderly females. American Journal of Human Biology, 2009, 21, 404-406.	1.6	8
131	Intensity of Nordic Walking in young females with different peak O <sub>2</sub> consumption. Clinical Physiology and Functional Imaging, 2009, 29, 330-334.	1.2	12
132	Effect of pubertal development and physical activity on plasma ghrelin concentration in boys. Journal of Endocrinological Investigation, 2009, 32, 18-22.	3.3	16
133	Plasma adiponectin and insulin sensitivity in overweight and normal-weight middle-aged premenopausal women. Metabolism: Clinical and Experimental, 2009, 58, 638-643.	3.4	35
134	Plasma Visfatin and Ghrelin Response to Prolonged Sculling in Competitive Male Rowers. Medicine and Science in Sports and Exercise, 2009, 41, 137-143.	0.4	42
135	Behavior of Testosterone and Cortisol During an Intensity-Controlled High-Volume Training Period Measured by a Training Task-Specific Test in Men Rowers. Journal of Strength and Conditioning Research, 2009, 23, 645-651.	2.1	8
136	Physical development and swimming performance during biological maturation in young female swimmers. Collegium Antropologicum, 2009, 33, 117-22.	0.2	33
137	Estimating DXA total body fat percentage by lipometer subcutaneous adipose tissue thicknesses. Collegium Antropologicum, 2009, 33, 391-6.	0.2	7
138	The influence of ghrelin, adiponectin, and leptin on bone mineral density in healthy postmenopausal women. Journal of Bone and Mineral Metabolism, 2008, 26, 618-623.	2.7	79
139	Relationships between finger-length ratios, ghrelin, leptin, IGF axis, and sex steroids in young male and female swimmers. European Journal of Applied Physiology, 2008, 104, 523-529.	2.5	17
140	The influence of increased training volume on cytokines and ghrelin concentration in college level male rowers. European Journal of Applied Physiology, 2008, 104, 839-846.	2.5	39
141	Somatotype in 6-11-year-old Italian and Estonian schoolchildren. HOMO- Journal of Comparative Human Biology, 2008, 59, 383-396.	0.7	7
142	Increases in ghrelin and decreases in leptin without altering adiponectin during extreme weight loss in male competitive bodybuilders. Metabolism: Clinical and Experimental, 2008, 57, 221-225.	3.4	35
143	Relationships between legs bone mineral density, anthropometry and jumping height in prepubertal children. Collegium Antropologicum, 2008, 32, 61-6.	0.2	16
144	Plasma adiponectin concentration in healthy pre- and postmenopausal women: relationship with body composition, bone mineral, and metabolic variables. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E42-E47.	3.5	115

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145	Effect of Prolonged Training Period on Plasma Adiponectin in Elite Male Rowers. Hormone and Metabolic Research, 2007, 39, 519-523.	1.5	16
146	Changes in Eurofit Test Performance of Estonian and Lithuanian Children and Adolescents (1992–2002). , 2007, 50, 129-142.		31
147	Analysis of Swimming Performance from Physical, Physiological, and Biomechanical Parameters in Young Swimmers. Pediatric Exercise Science, 2007, 19, 70-81.	1.0	121
148	Regular Physical Activity Influences Plasma Ghrelin Concentration in Adolescent Girls. Medicine and Science in Sports and Exercise, 2007, 39, 1736-1741.	0.4	47
149	Relationships between Body Fat Measured by DXA and Subcutaneous Adipose Tissue Thickness Measured by Lipometer in Adults. Journal of Physiological Anthropology, 2007, 26, 513-516.	2.6	14
150	Adiponectin is a predictor of bone mineral density in middle-aged premenopausal women. Osteoporosis International, 2007, 18, 1253-1259.	3.1	69
151	Plasma ghrelin responses to acute sculling exercises in elite male rowers. European Journal of Applied Physiology, 2007, 99, 467-474.	2.5	40
152	Aerobic–anaerobic transition intensity measured via EMG signals in athletes with different physical activity patterns. European Journal of Applied Physiology, 2007, 101, 341-346.	2.5	21
153	The influence of serum ghrelin, IGF axis and testosterone on bone mineral density in boys at different stages of sexual maturity. Journal of Bone and Mineral Metabolism, 2007, 25, 193-197.	2.7	39
154	Plasma ghrelin is altered after maximal exercise in elite male rowers. Experimental Biology and Medicine, 2007, 232, 904-9.	2.4	26
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