Jaak JÃ¼rimÃ¤e

List of Publications by Year
in descending order

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	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
2	Monitoring of Performance and Training in Rowing. Sports Medicine, 2005, 35, 597-617.	6.5	161
3	Analysis of Swimming Performance from Physical, Physiological, and Biomechanical Parameters in Young Swimmers. Pediatric Exercise Science, 2007, 19, 70-81.	1.0	121
4	Adiponectin is Associated with Bone Mineral Density in Perimenopausal Women. Hormone and Metabolic Research, 2005, 37, 297-302.	1.5	117
5	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
6	Adiponectin is altered after maximal exercise in highly trained male rowers. European Journal of Applied Physiology, 2005, 93, 502-505.	2.5	92
7	Peripheral signals of energy homeostasis as possible markers of training stress in athletes: a review. Metabolism: Clinical and Experimental, 2011, 60, 335-350.	3.4	88
8	Acute and Chronic Response of Skeletal Muscle to Resistance Exercise. Sports Medicine, 1994, 17, 22-38.	6.5	85
9	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
10	Interpretation and application of bone turnover markers in children and adolescents. Current Opinion in Pediatrics, 2010, 22, 494-500.	2.0	78
11	Adiponectin and stress hormone responses to maximal sculling after volume-extended training season in elite rowers. Metabolism: Clinical and Experimental, 2006, 55, 13-19.	3.4	76
12	Changes in stress and recovery after heavy training in rowers. Journal of Science and Medicine in Sport, 2004, 7, 335-339.	1.3	74
13	Adiponectin is a predictor of bone mineral density in middle-aged premenopausal women. Osteoporosis International, 2007, 18, 1253-1259.	3.1	69
14	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
15	No Effect of Menstrual Cycle Phase and Oral Contraceptive Use on Endurance Performance in Rowers. Journal of Strength and Conditioning Research, 2011, 25, 1571-1578.	2.1	68
16	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
17	Elevated Serum IL-6, IL-8, MCP-1, CRP, and IFN-Î³ Levels in 10- to 11-Year-Old Boys with Increased BMI. Hormone Research in Paediatrics, 2012, 78, 31-39.	1.8	62
18	Anabolic and Catabolic Hormones and Energy Balance of the Male Bodybuilders During the Preparation for the Competition. Journal of Strength and Conditioning Research, 2010, 24, 1074-1081.	2.1	61

#	Article	IF	Citations
19	Physiological, biomechanical and anthropometrical predictors of sprint swimming performance in adolescent swimmers. Journal of Sports Science and Medicine, 2010, 9, 398-404.	1.6	53
20	Leptin as a marker of training stress in highly trained male rowers?. European Journal of Applied Physiology, 2003, 90, 533-538.	2.5	48
21	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
22	Physical Activity and Bone Mineral Accrual in Boys with Different Body Mass Parameters during Puberty: A Longitudinal Study. PLoS ONE, 2014, 9, e107759.	2.5	48
23	Leptin responses to short term exercise in college level male rowers. British Journal of Sports Medicine, 2005, 39, 6-9.	6.7	47
24	Regular Physical Activity Influences Plasma Ghrelin Concentration in Adolescent Girls. Medicine and Science in Sports and Exercise, 2007, 39, 1736-1741.	0.4	47
25	Ghrelin Response to Acute Aerobic Exercise in Boys at Different Stages of Puberty. Hormone and Metabolic Research, 2006, 38, 752-757.	1.5	46
26	Relationship between ghrelin and anthropometrical, body composition parameters and testosterone levels in boys at different stages of puberty. Journal of Endocrinological Investigation, 2006, 29, 962-967.	3.3	43
27	Relations among Heavy Training Stress, Mood State, and Performance for Male Junior Rowers. Perceptual and Motor Skills, 2002, 95, 520-526.	1.3	42
28	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
29	Comparison of IPAQ-SF and Two Other Physical Activity Questionnaires with Accelerometer in Adolescent Boys. PLoS ONE, 2017, 12, e0169527.	2.5	42
30	Plasma ghrelin responses to acute sculling exercises in elite male rowers. European Journal of Applied Physiology, 2007, 99, 467-474.	2.5	40
31	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
32	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
33	Sedentary time has a negative influence on bone mineral parameters in peripubertal boys: a 1-year prospective study. Journal of Bone and Mineral Metabolism, 2015, 33, 85-92.	2.7	39
34	Vigorous physical activity rather than sedentary behaviour predicts overweight and obesity in pubertal boys: A 2-year follow-up study. Scandinavian Journal of Public Health, 2015, 43, 276-282.	2.3	38
35	Bone mineral density in 11â€“13-year-old boys: relative importance of the weight status and body composition factors. Rheumatology International, 2013, 33, 1681-1687.	3.0	37
36	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

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37	Adipocytokine and ghrelin levels in relation to bone mineral density in physically active older women: longitudinal associations. European Journal of Endocrinology, 2009, 160, 381-385.	3.7	35
38	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
39	Bone metabolism in elite male rowers: adaptation to volume-extended training. European Journal of Applied Physiology, 2006, 97, 127-132.	2.5	34
40	Diet misreporting can be corrected: confirmation of the association between energy intake and fat-free mass in adolescents. British Journal of Nutrition, 2016, 116, 1425-1436.	2.3	34
41	No effect of menstrual cycle phase on fuel oxidation during exercise in rowers. European Journal of Applied Physiology, 2011, 111, 1027-1034.	2.5	33
42	Physical development and swimming performance during biological maturation in young female swimmers. Collegium Antropologicum, 2009, 33, 117-22.	0.2	33
43	Relationship between rowing ergometer performance and physiological responses to upper and lower body exercises in rowers. Journal of Science and Medicine in Sport, 2010, 13, 434-437.	1.3	32
44	Changes in Eurofit Test Performance of Estonian and Lithuanian Children and Adolescents (1992â€“2002). , 2007, 50, 129-142.		31
45	Physical fitness and physical activity of 6-7-year-old children according to weight status and sports participation. PLoS ONE, 2019, 14, e0218901.	2.5	31
46	Hormonal and psychological adaptation in elite male rowers during prolonged training. Journal of Sports Sciences, 2006, 24, 1075-1082.	2.0	29
47	Hormonal Reactions During Heavy Training Stress and Following Tapering in Highly Trained Male Rowers. Hormone and Metabolic Research, 2003, 35, 109-113.	1.5	26
48	The effect of 4-week training period on plasma neuropeptide Y, leptin and ghrelin responses in male rowers. European Journal of Applied Physiology, 2012, 112, 1873-1880.	2.5	26
49	Plasma ghrelin is altered after maximal exercise in elite male rowers. Experimental Biology and Medicine, 2007, 232, 904-9.	2.4	26
50	The relationships among bone health, insulin-like growth factor-1 and sex hormones in adolescent female athletes. Journal of Bone and Mineral Metabolism, 2010, 28, 306-313.	2.7	25
51	Plasma adipocytokine and ghrelin levels in relation to bone mineral density in prepubertal rhythmic gymnasts. Journal of Bone and Mineral Metabolism, 2011, 29, 717-724.	2.7	25
52	Objectively measured physical activity levels and sedentary time in 7â€“9-year-old Estonian schoolchildren: independent associations with body composition parameters. BMC Public Health, 2016, 16, 346.	2.9	25
53	Increased sclerostin and preadipocyte factor-1 levels in prepubertal rhythmic gymnasts: associations with bone mineral density, body composition, and adipocytokine values. Osteoporosis International, 2016, 27, 1239-1243.	3.1	23
54	Changes in Perceived Stress and Recovery during Heavy Training in Highly Trained Male Rowers. Sport Psychologist, 2006, 20, 24-39.	0.9	22

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55	Associations between physical activity, body composition, and physical fitness in the transition from preschool to school. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2251-2263.	2.9	22
56	Aerobicâ€“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
57	Physiological characteristics of elite dancers of different dance styles. European Journal of Sport Science, 2014, 14, S429-36.	2.7	21
58	Vitamin C and E Treatment Blunts Sprint Interval Trainingâ€“Induced Changes in Inflammatory Mediator-, Calcium-, and Mitochondria-Related Signaling in Recreationally Active Elderly Humans. Antioxidants, 2020, 9, 879.	5.1	21
59	Cardiovascular fitness, physical activity, and metabolic syndrome risk factors among adolescent estonian boys: A longitudinal study. American Journal of Human Biology, 2016, 28, 782-788.	1.6	20
60	Physical activity, sedentary time and sleep duration: associations with body composition in 10â€“12-year-old Estonian schoolchildren. BMC Public Health, 2018, 18, 496.	2.9	20
61	Influence of Insulin-Like Growth Factorâ€“1 and Leptin on Bone Mineral Content in Healthy Premenopausal Women. Experimental Biology and Medicine, 2006, 231, 1673-1677.	2.4	19
62	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
63	Plasma adiponectin concentration is associated with the average accelerometer daily steps counts in healthy elderly females. European Journal of Applied Physiology, 2010, 109, 823-828.	2.5	19
64	Body composition, maximal aerobic performance and inflammatory biomarkers in enduranceâ€trained athletes. Clinical Physiology and Functional Imaging, 2017, 37, 288-292.	1.2	19
65	Relationship between leg bone mineral values and muscle strength in women with different physical activity. Journal of Bone and Mineral Metabolism, 2005, 23, 401-406.	2.7	18
66	Bone Turnover Markers during Pubertal Development: Relationships with Growth Factors and Adipocytokines. Medicine and Sport Science, 2010, 55, 114-127.	1.4	18
67	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
68	Frequency and duration of vigorous physical activity bouts are associated with adolescent boys' bone mineral status: A cross-sectional study. Bone, 2019, 120, 141-147.	2.9	17
69	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
70	Circulatory response to single circuit weight and walking training sessions of similar energy cost in middle-aged overweight females. Clinical Physiology, 2000, 20, 143-149.	0.7	16
71	Effect of Prolonged Training Period on Plasma Adiponectin in Elite Male Rowers. Hormone and Metabolic Research, 2007, 39, 519-523.	1.5	16
72	Effect of pubertal development and physical activity on plasma ghrelin concentration in boys. Journal of Endocrinological Investigation, 2009, 32, 18-22.	3.3	16

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73	Adipocytokine and Ghrelin Responses to Acute Exercise and Sport Training in Children during Growth and Maturation. Pediatric Exercise Science, 2014, 26, 392-403.	1.0	16
74	Osteocalcin is inversely associated with adiposity and leptin in adolescent boys. Journal of Pediatric Endocrinology and Metabolism, 2015, 28, 571-7.	0.9	16
75	Relationships between legs bone mineral density, anthropometry and jumping height in prepubertal children. Collegium Antropologicum, 2008, 32, 61-6.	0.2	16
76	Relationships between plasma leptin levels and body composition parameters measured by different methods in postmenopausal women. American Journal of Human Biology, 2003, 15, 628-636.	1.6	15
77	Tracking of physical activity in pubertal boys with different BMI over two-year period. Journal of Sports Sciences, 2015, 33, 1649-1657.	2.0	15
78	Longitudinal associations between bone and adipose tissue biochemical markers with bone mineralization in boys during puberty. BMC Pediatrics, 2016, 16, 102.	1.7	15
79	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
80	Electromyographic and Neuromuscular Fatigue Thresholds as Concepts of Fatigue. Journal of Strength and Conditioning Research, 2006, 20, 824.	2.1	14
81	Adipocytokine and Ghrelin Levels in Relation to Body Composition in Rhythmic Gymnasts Entering into Puberty: A Three-Year Follow-Up Study. Pediatric Exercise Science, 2014, 26, 477-484.	1.0	13
82	Spinal posture in different DanceSport dance styles compared with track and field athletes. Medicina (Lithuania), 2015, 51, 307-311.	2.0	13
83	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
84	Validity of optical device lipometer and bioelectric impedance analysis for body fat assessment in men and women. Collegium Antropologicum, 2005, 29, 499-502.	0.2	13
85	Relationship between subcutaneous fatness and leptin in male athletes. Medicine and Science in Sports and Exercise, 2001, 33, 1324-1329.	0.4	12
86	Intensity of Nordic Walking in young females with different peak O₂ consumption. Clinical Physiology and Functional Imaging, 2009, 29, 330-334.	1.2	12
87	Association of physical activity to cardiovascular fitness and fatness in 12â€“13-year-old boys in different weight status. Zeitschrift Fur Gesundheitswissenschaften, 2013, 21, 231-239.	1.6	12
88	Negative correlation between serum IL-6 level and cardiorespiratory fitness in 10- to 11-year-old boys with increased BMI. Journal of Pediatric Endocrinology and Metabolism, 2013, 26, 503-8.	0.9	12
89	VO2 Kinetics in All-out Arm Stroke, Leg Kick and Whole Stroke Front Crawl 100-m Swimming. International Journal of Sports Medicine, 2016, 37, 191-196.	1.7	12
90	Changes in inflammatory markers in estonian pubertal boys with different BMI values and increments: A 3â€Year Followâ€Up Study. Obesity, 2017, 25, 600-607.	3.0	12

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91	Vigorous physical activity patterns affect bone growth during early puberty in boys. Osteoporosis International, 2018, 29, 2693-2701.	3.1	12
92	Physical Activity in Puberty Is Associated with Total Body and Femoral Neck Bone Mineral Characteristics in Males at 18 Years of Age. Medicina (Lithuania), 2019, 55, 203.	2.0	12
93	Changes in cardiorespiratory fitness through adolescence predict metabolic syndrome in young adults. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 701-708.	2.6	12
94	Physical fitness in preschool children in relation to later body composition at first grade in school. PLoS ONE, 2021, 16, e0244603.	2.5	12
95	RELATIONS AMONG HEAVY TRAINING STRESS, MOOD STATE, AND PERFORMANCE FOR MALE JUNIOR ROWERS. Perceptual and Motor Skills, 2002, 95, 520.	1.3	12
96	Relationships of Anthropometrical Parameters and Body Composition with Bone Mineral Content or Density in Young Women with Different Levels of Physical Activity. Journal of Physiological Anthropology and Applied Human Science, 2005, 24, 579-587.	0.4	11
97	Serum interferon gamma concentration is associated with bone mineral density in overweight boys. Journal of Endocrinological Investigation, 2014, 37, 175-180.	3.3	11
98	Effect of Inspiratory Muscle Warm-up on Submaximal Rowing Performance. Journal of Strength and Conditioning Research, 2015, 29, 213-218.	2.1	11
99	Circulating Inflammatory Cytokine Responses to Endurance Exercise in Female Rowers. International Journal of Sports Medicine, 2018, 39, 1041-1048.	1.7	11
100	Associations of distinct levels of physical activity with mobility in independent healthy older women. Experimental Gerontology, 2018, 110, 209-215.	2.8	11
101	Expertâ€™s Choice: 2018â€™s Most Exciting Research in the Field of Pediatric Exercise Science. Pediatric Exercise Science, 2019, 31, 1-27.	1.0	11
102	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
103	Relationships between bioelectric impedance and subcutaneous adipose tissue thickness measured by LIPOMETER and skinfold calipers in children. European Journal of Applied Physiology, 2003, 90, 178-184.	2.5	9
104	Changes in Body Fluids during Endurance Rowing Training. Annals of the New York Academy of Sciences, 2006, 904, 353-358.	3.8	9
105	Bone Mineralization in Rhythmic Gymnasts before Puberty: No Longitudinal Associations with Adipocytokine and Ghrelin Levels. Hormone Research in Paediatrics, 2012, 77, 369-375.	1.8	9
106	Running economy and body composition between competitive and recreational level distance runners. Acta Physiologica Hungarica, 2013, 100, 340-346.	0.9	9
107	Role of physical activity in bone health in peripubertal boys. Pediatrics International, 2014, 56, 763-767.	0.5	9
108	Anthropometry and somatotypes of competitive DanceSport participants: A comparison of three different styles. HOMO- Journal of Comparative Human Biology, 2014, 65, 155-160.	0.7	9

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109	Results From Estoniaâ€™s 2016 Report Card on Physical Activity for Children and Youth. Journal of Physical Activity and Health, 2016, 13, S150-S156.	2.0	9
110	Adipocytokines and bone metabolism markers in relation to bone mineral values in early pubertal boys with different physical activity. Journal of Pediatric Endocrinology and Metabolism, 2016, 29, 723-9.	0.9	9
111	The Results from Estoniaâ€™s 2018 Report Card on Physical Activity for Children and Youth. Journal of Physical Activity and Health, 2018, 15, S350-S352.	2.0	9
112	Association between Dietary Calcium Intake and Adiposity in Male Adolescents. Nutrients, 2019, 11, 1454.	4.1	9
113	Inflammatory markers and bone mass in children with overweight/obesity: the role of muscular fitness. Pediatric Research, 2020, 87, 42-47.	2.3	9
114	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
115	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
116	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
117	Ace I/D polymorphism is associated with habitual physical activity in pubertal boys. Journal of Physiological Sciences, 2013, 63, 427-434.	2.1	8
118	Associations between Bone Mineral Characteristics and Serum Levels of Ghrelin and Peptide YY in Overweight Adolescent Boys. Hormone Research in Paediatrics, 2015, 84, 6-13.	1.8	8
119	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
120	Low fitness is associated with metabolic risk independently of central adiposity in a cohort of 18â€yearâ€olds. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1084-1091.	2.9	8
121	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. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 1624-1631.	1.5	8
122	Somatotype in 6â€“11-year-old Italian and Estonian schoolchildren. HOMO- Journal of Comparative Human Biology, 2008, 59, 383-396.	0.7	7
123	ADIPOQ SNP45 associated with lean body mass in physically active normal weight adolescent girls. American Journal of Human Biology, 2010, 22, 813-818.	1.6	7
124	Plasma visfatin and adiponectin concentrations in physically active adolescent girls: relationships with insulin sensitivity and body composition variables. Journal of Pediatric Endocrinology and Metabolism, 2011, 24, 419-25.	0.9	7
125	Phase of Oral Contraceptive Cycle and Endurance Capacity of Rowers. Perceptual and Motor Skills, 2011, 113, 764-772.	1.3	7
126	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. Hormone Research in Paediatrics, 2019, 91, 400-405.	1.8	7

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127	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
128	Estimating DXA total body fat percentage by lipometer subcutaneous adipose tissue thicknesses. Collegium Antropologicum, 2009, 33, 391-6.	0.2	7
129	Anthropometry, somatotypes, and aerobic power in ballet, contemporary dance, and dancesport. Medical Problems of Performing Artists, 2013, 28, 207-11.	0.4	7
130	Effect of Heavy Increase in Training Stress on the Plasma Leptin Concentration in Highly Trained Male Rowers. Hormone Research in Paediatrics, 2003, 59, 91-94.	1.8	6
131	Relationships between adiponectin, leptin, and blood lipids in physically active postmenopausal females. American Journal of Human Biology, 2010, 22, 609-612.	1.6	6
132	Association of Subjective Ratings to Objectively Assessed Physical Activity in Pubertal Boys with Differing BMI. Perceptual and Motor Skills, 2015, 121, 245-259.	1.3	6
133	Adipocytokine and ghrelin levels in relation to bone mineral density in prepubertal rhythmic gymnasts entering puberty: a 3-year follow-up study. European Journal of Applied Physiology, 2016, 116, 831-839.	2.5	6
134	Preschool physical activity and fitness predicts conceptual, verbal and perceptual skills at school. Journal of Sports Sciences, 2021, 39, 1988-1995.	2.0	6
135	Irisin, Fibroplast Growth Factor-21, and Follistatin Responses to Endurance Rowing Training Session in Female Rowers. Frontiers in Physiology, 2021, 12, 689696.	2.8	6
136	Adiponectin and bone metabolism markers in female rowers: eumenorrheic and oral contraceptive users. Journal of Endocrinological Investigation, 2011, 34, 835-9.	3.3	6
137	The Effect of Upper Body Anaerobic Pre-Loading on 2000-m Ergometer-Rowing Performance in College Level Male Rowers. Journal of Sports Science and Medicine, 2017, 16, 264-271.	1.6	6
138	Maturity-Related Differences in Moderate, Vigorous, and Moderate-to-Vigorous Physical Activity in 10â€“14-Year-Old Boys. Perceptual and Motor Skills, 2015, 120, 659-670.	1.3	5
139	Associations of serum leptin, ghrelin and peptide YY levels with physical activity and cardiorespiratory fitness in adolescent boys with different BMI values. Biology of Sport, 2017, 34, 345-352.	3.2	5
140	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
141	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
142	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.	0.9	5
143	Irisin and inflammatory cytokines in elite male rowers: adaptation to volume-extended training period. Journal of Sports Medicine and Physical Fitness, 2020, 61, 102-108.	0.7	5
144	Bone Mineralization in Rhythmic Gymnasts Entering Puberty: Associations with Jumping Performance and Body Composition Variables. Journal of Sports Science and Medicine, 2017, 16, 99-104.	1.6	5

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145	Relationships between anthropometric, body composition and bone mineral parameters in 7-8-year-old rhythmic gymnasts compared with controls. Collegium Antropologicum, 2011, 35, 739-45.	0.2	5
146	Adiponectin and osteocalcin responses to rowing exercise, and the relationship to substrate oxidation in female rowers. Acta Physiologica Hungarica, 2016, 103, 220-230.	0.9	4
147	Bone Mineral Density in Elite DanceSport Athletes. Medical Problems of Performing Artists, 2016, 31, 25-28.	0.4	4
148	Absence of Bilateral Differences in Child Baseball Players with Throwing-related Pain. International Journal of Sports Medicine, 2016, 37, 952-957.	1.7	4
149	Growth, Maturation and Exercise During Youthâ€"2016. Pediatric Exercise Science, 2017, 29, 3-7.	1.0	4
150	Body composition and inflammatory markers in pubertal girls: Comparison between athletes and nonâ€athletic controls. European Journal of Sport Science, 2017, 17, 867-873.	2.7	4
151	Early anterior knee pain in male adolescent basketball players is related to body height and abnormal knee morphology. Physical Therapy in Sport, 2018, 32, 273-281.	1.9	4
152	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
153	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
154	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
155	Changes in Recovery-Stress State and Performance in Elite Rowers during Preparation for Major Competitions. Perceptual and Motor Skills, 2005, 101, 375-381.	1.3	3
156	Relationships between contraction properties of knee extensor muscles and fasting IGFâ€1 and adipocytokines in physically active postmenopausal women. Clinical Physiology and Functional Imaging, 2010, 30, 344-348.	1.2	3
157	Visfatin and Adiponectin Levels in Children: Relationships with Physical Activity and Metabolic Parameters. Medicine and Sport Science, 2010, 55, 56-68.	1.4	3
158	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
159	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. Journal of Physical Activity and Health, 2019, 16, 52-59.	2.0	3
160	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
161	A new method for the measurement of maximal fat oxidation: a pilot study. Acta Kinesiologiae Universitatis Tartuensis, 2015, 20, 90.	0.5	3
162	Acute inflammatory response to prolonged sculling in competitive male rowers. Journal of Sports Medicine and Physical Fitness, 2016, 56, 1368-1375.	0.7	3

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163	Relationships between Recovery-Stress State and Performance in Sprinters and Jumpers. Perceptual and Motor Skills, 2004, 99, 12-16.	1.3	2
164	Relationships between Bioelectric Resistance and Somatotype in 9- to 11-Year-Old Children. Annals of the New York Academy of Sciences, 2006, 904, 187-189.	3.8	2
165	Ghrelin Responses to Acute Exercise and Training. , 2013, , 207-219.		2
166	Growth, Maturation, and Exercise During Youthâ€"The Year That Was 2017. Pediatric Exercise Science, 2018, 30, 42-46.	1.0	2
167	Longitudinal changes in bone-testis axis and their associations with insulin resistance in 11- to 12-year-old boys. Bone, 2018, 108, 115-120.	2.9	2
168	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
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