Analiza M. Silva

List of Publications by Year
in descending order

171 papers	5,370 citations	70961 41 h-index	114278 63 g-index
172 all docs	172 docs citations	172 times ranked	6456 citing authors

#	Article	IF	Citations
1	Why do individuals not lose more weight from an exercise intervention at a defined dose? An energy balance analysis. Obesity Reviews, 2012, 13, 835-847.	3.1	201
2	Ethnicityâ€related skeletal muscle differences across the lifespan. American Journal of Human Biology, 2010, 22, 76-82.	0.8	200
3	Sedentary behavior and physical activity are independently related to functional fitness in older adults. Experimental Gerontology, 2012, 47, 908-912.	1.2	178
4	Reference Values for Body Composition and Anthropometric Measurements in Athletes. PLoS ONE, 2014, 9, e97846.	1.1	147
5	Prevalence of the Portuguese Population Attaining Sufficient Physical Activity. Medicine and Science in Sports and Exercise, 2012, 44, 466-473.	0.2	144
6	Breaking-up Sedentary Time Is Associated With Physical Function in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 119-124.	1.7	135
7	Air Displacement Plethysmography: Validation in Overweight and Obese Subjects. Obesity, 2005, 13, 1232-1237.	4.0	122
8	A Comparison between BMI, Waist Circumference, and Waist-To-Height Ratio for Identifying Cardio-Metabolic Risk in Children and Adolescents. PLoS ONE, 2016, 11, e0149351.	1.1	117
9	Sexual dimorphism of adipose tissue distribution across the lifespan: a cross-sectional whole-body magnetic resonance imaging study. Nutrition and Metabolism, 2009, 6, 17.	1.3	106
10	Phase angle and bioelectrical impedance vector analysis in the evaluation of body composition in athletes. Clinical Nutrition, 2020, 39, 447-454.	2.3	101
11	Who will lose weight? A reexamination of predictors of weight loss in women. International Journal of Behavioral Nutrition and Physical Activity, 2004, 1, 12.	2.0	89
12	What is the metabolic and energy cost of sitting, standing and sit/stand transitions?. European Journal of Applied Physiology, 2016, 116, 263-273.	1.2	89
13	Prevalence of overweight and obesity among Portuguese youth: A study in a representative sample of 10â€“18-year-old children and adolescents. Pediatric Obesity, 2011, 6, e124-e128.	3.2	87
14	Variations in the Prevalence of Obesity Among European Countries, and a Consideration of Possible Causes. Obesity Facts, 2017, 10, 25-37.	1.6	81
15	Sedentary patterns, physical activity and health-related physical fitness in youth: a cross-sectional study. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 25.	2.0	81
16	Validity of BMI based on selfâ€reported weight and height in adolescents. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 83-88.	0.7	73
17	Lack of agreement of in vivo raw bioimpedance measurements obtained from two single and multi-frequency bioelectrical impedance devices. European Journal of Clinical Nutrition, 2019, 73, 1077-1083.	1.3	71
18	Estimation of total body water and extracellular water with bioimpedance in athletes: A need for athlete-specific prediction models. Clinical Nutrition, 2016, 35, 468-474.	2.3	69

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19	Multiâ€component molecularâ€level body composition reference methods: evolving concepts and future directions. Obesity Reviews, 2015, 16, 282-294.	3.1	67
20	Effect of resistance training on phase angle in older women: A randomized controlled trial. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 1308-1316.	1.3	67
21	Body Composition and Power Changes in Elite Judo Athletes. International Journal of Sports Medicine, 2010, 31, 737-741.	0.8	65
22	Accuracy of DXA in estimating body composition changes in elite athletes using a four compartment model as the reference method. Nutrition and Metabolism, 2010, 7, 22.	1.3	64
23	Prevalence of Overweight, Obesity, and Abdominal Obesity in a Representative Sample of Portuguese Adults. PLoS ONE, 2012, 7, e47883.	1.1	61
24	Effect of whey protein supplementation combined with resistance training on body composition, muscular strength, functional capacity, and plasma-metabolism biomarkers in older women with sarcopenic obesity: A randomized, double-blind, placebo-controlled trial. Clinical Nutrition ESPEN, 2019, 32, 88-95.	0.5	61
25	Usefulness of different techniques for measuring body composition changes during weight loss in overweight and obese women. British Journal of Nutrition, 2008, 99, 432-441.	1.2	60
26	Relationship Between Changes in Total-Body Water and Fluid Distribution With Maximal Forearm Strength in Elite Judo Athletes. Journal of Strength and Conditioning Research, 2011, 25, 2488-2495.	1.0	60
27	Physical fitness percentiles for Portuguese children and adolescents aged 10â€“18 years. Journal of Sports Sciences, 2014, 32, 1510-1518.	1.0	59
28	Phase angle is related with inflammatory and oxidative stress biomarkers in older women. Experimental Gerontology, 2018, 102, 12-18.	1.2	59
29	The Predictive Role of Raw Bioelectrical Impedance Parameters in Water Compartments and Fluid Distribution Assessed by Dilution Techniques in Athletes. International Journal of Environmental Research and Public Health, 2020, 17, 759.	1.2	57
30	Normative Functional Fitness Standards and Trends of Portuguese Older Adults: Cross-Cultural Comparisons. Journal of Aging and Physical Activity, 2014, 22, 126-137.	0.5	55
31	Changes in Phase Angle and Handgrip Strength Induced by Suspension Training in Older Women. International Journal of Sports Medicine, 2018, 39, 442-449.	0.8	54
32	Effects of Whey Protein Supplementation Pre- or Post-Resistance Training on Muscle Mass, Muscular Strength, and Functional Capacity in Pre-Conditioned Older Women: A Randomized Clinical Trial. Nutrients, 2018, 10, 563.	1.7	54
33	Body fat measurement in adolescent athletes: multicompartment molecular model comparison. European Journal of Clinical Nutrition, 2006, 60, 955-964.	1.3	53
34	Classic Bioelectrical Impedance Vector Reference Values for Assessing Body Composition in Male and Female Athletes. International Journal of Environmental Research and Public Health, 2019, 16, 5066.	1.2	53
35	Validity of GT3X and Actiheart to estimate sedentary time and breaks using ActivPAL as the reference in free-living conditions. Gait and Posture, 2015, 41, 917-922.	0.6	51
36	Structural and functional body components in athletic health and performance phenotypes. European Journal of Clinical Nutrition, 2019, 73, 215-224.	1.3	50

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37	Phase Angle Is Moderately Associated With Muscle Quality and Functional Capacity, Independent of Age and Body Composition in Older Women. Journal of Geriatric Physical Therapy, 2019, 42, 281-286.	0.6	50
38	The effects of resistance training volume on osteosarcopenic obesity in older women. Journal of Sports Sciences, 2018, 36, 1564-1571.	1.0	49
39	Identifying Athlete Body Fluid Changes During a Competitive Season With Bioelectrical Impedance Vector Analysis. International Journal of Sports Physiology and Performance, 2020, 15, 361-367.	1.1	49
40	Risk for losing physical independence in older adults: The role of sedentary time, light, and moderate to vigorous physical activity. Maturitas, 2014, 79, 91-95.	1.0	45
41	Diagnostics and control for the steady state and pulsed tokamak DEMO. Nuclear Fusion, 2016, 56, 026009.	1.6	45
42	Improvements in Phase Angle Are Related With Muscle Quality Index After Resistance Training in Older Women. Journal of Aging and Physical Activity, 2019, 27, 515-520.	0.5	43
43	Are Skinfold-Based Models Accurate and Suitable for Assessing Changes in Body Composition in Highly Trained Athletes?. Journal of Strength and Conditioning Research, 2009, 23, 1688-1696.	1.0	41
44	Total Energy Expenditure Assessment in Elite Junior Basketball Players. Journal of Strength and Conditioning Research, 2013, 27, 1920-1927.	1.0	41
45	Body composition in taller individuals using DXA: A validation study for athletic and non-athletic populations. Journal of Sports Sciences, 2013, 31, 405-413.	1.0	40
46	Randomized controlled pilot of an intervention to reduce and break-up overweight/obese adultsâ€™ overall sitting-time. Trials, 2015, 16, 490.	0.7	40
47	Breaking-up sedentary time is associated with impairment in activities of daily living. Experimental Gerontology, 2015, 72, 57-62.	1.2	40
48	Is bioelectrical impedance spectroscopy accurate in estimating total body water and its compartments in elite athletes?. Annals of Human Biology, 2013, 40, 152-156.	0.4	39
49	Validade dos mÃ©todos para avaliaÃ§Ã£o da gordura corporal em crianÃ§as e adolescentes por meio de modelos multicompartimentais: uma revisÃ£o sistemÃ¡tica. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2013, 59, 475-486.	0.3	38
50	What is the effect of diet and/or exercise interventions on behavioural compensation in non-exercise physical activity and related energy expenditure of free-living adults? A systematic review. British Journal of Nutrition, 2018, 119, 1327-1345.	1.2	38
51	The Role of Somatic Maturation on Bioimpedance Patterns and Body Composition in Male Elite Youth Soccer Players. International Journal of Environmental Research and Public Health, 2019, 16, 4711.	1.2	38
52	Magnesium intake is associated with strength performance in elite basketball, handball and volleyball players. Magnesium Research, 2011, 24, 215-219.	0.4	37
53	Increases in Intracellular Water Explain Strength and Power Improvements over a Season. International Journal of Sports Medicine, 2014, 35, 1101-1105.	0.8	37
54	Changes in regional body composition explain increases in energy expenditure in elite junior basketball players over the season. European Journal of Applied Physiology, 2012, 112, 2727-2737.	1.2	36

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55	Resistance training prescription with different loadâ€management methods improves phase angle in older women. European Journal of Sport Science, 2017, 17, 913-921.	1.4	35
56	A PRISMA-Driven Systematic Review of Predictive Equations for Assessing Fat and Fat-Free Mass in Healthy Children and Adolescents Using Multicomponent Molecular Models as the Reference Method. Journal of Obesity, 2013, 2013, 1-14.	1.1	32
57	Evaluation of between-methods agreement of extracellular water measurements in adults and children. American Journal of Clinical Nutrition, 2008, 88, 315-323.	2.2	30
58	Total Body Water Measurements in Adolescent Athletes: A Comparison of Six Field Methods With Deuterium Dilution. Journal of Strength and Conditioning Research, 2009, 23, 1225-1237.	1.0	30
59	Extracellular water: greater expansion with age in African Americans. Journal of Applied Physiology, 2005, 99, 261-267.	1.2	29
60	Fat-free Mass Bioelectrical Impedance Analysis Predictive Equation for Athletes using a 4-Compartment Model. International Journal of Sports Medicine, 2021, 42, 27-32.	0.8	29
61	Extracellular water across the adult lifespan: reference values for adults. Physiological Measurement, 2007, 28, 489-502.	1.2	27
62	Hypertrophy-type Resistance Training Improves Phase Angle in Young Adult Men and Women. International Journal of Sports Medicine, 2017, 38, 35-40.	0.8	27
63	Effects of Different Resistance Training Frequencies on Fat in Overweight/Obese Older Women. International Journal of Sports Medicine, 2018, 39, 527-534.	0.8	27
64	Validity of air-displacement plethysmography in the assessment of body composition changes in a 16-month weight loss program. Nutrition and Metabolism, 2006, 3, 32.	1.3	26
65	Assessing body composition in taller or broader individuals using dual-energy X-ray absorptiometry: a systematic review. European Journal of Clinical Nutrition, 2013, 67, 1012-1021.	1.3	26
66	Energy Balance over One Athletic Season. Medicine and Science in Sports and Exercise, 2017, 49, 1724-1733.	0.2	26
67	Generalized bioelectric impedanceâ€based equations underestimate body fluids in athletes. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 2123-2132.	1.3	26
68	Association of phase angle with muscle strength and aerobic fitness in different populations: A systematic review. Nutrition, 2022, 93, 111489.	1.1	26
69	Total body water and its compartments are not affected by ingesting a moderate dose of caffeine in healthy young adult males. Applied Physiology, Nutrition and Metabolism, 2013, 38, 626-632.	0.9	25
70	Magnesium and phase angle: a prognostic tool for monitoring cellular integrity in judo athletes. Magnesium Research, 2015, 28, 92-98.	0.4	25
71	Body Water Content and Morphological Characteristics Modify Bioimpedance Vector Patterns in Volleyball, Soccer, and Rugby Players. International Journal of Environmental Research and Public Health, 2020, 17, 6604.	1.2	25
72	Utility of novel body indices in predicting fat mass in elite athletes. Nutrition, 2015, 31, 948-954.	1.1	24

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73	Sedentary bout durations are associated with abdominal obesity in older adults. Journal of Nutrition, Health and Aging, 2015, 19, 798-804.	1.5	24
74	Phase Angle is Moderately Associated with Short-term Maximal Intensity Efforts in Soccer Players. International Journal of Sports Medicine, 2019, 40, 739-743.	0.8	24
75	Validity of a combined heart rate and motion sensor for the measurement of free-living energy expenditure in very active individuals. Journal of Science and Medicine in Sport, 2014, 17, 387-393.	0.6	23
76	Suitability of Bioelectrical Based Methods to Assess Water Compartments in Recreational and Elite Athletes. Journal of the American College of Nutrition, 2016, 35, 413-421.	1.1	23
77	Anthropometric Models to Predict Appendicular Lean Soft Tissue in Adolescent Athletes. Medicine and Science in Sports and Exercise, 2009, 41, 828-836.	0.2	22
78	Phase Angle as a Marker of Muscular Strength in Breast Cancer Survivors. International Journal of Environmental Research and Public Health, 2020, 17, 4452.	1.2	22
79	Somatotype and Bioimpedance Vector Analysis: A New Target Zone for Male Athletes. Sustainability, 2020, 12, 4365.	1.6	22
80	Accuracy of a combined heart rate and motion sensor for assessing energy expenditure in free-living adults during a double-blind crossover caffeine trial using doubly labeled water as the reference method. European Journal of Clinical Nutrition, 2015, 69, 20-27.	1.3	21
81	Effects of Single Set Resistance Training With Different Frequencies on a Cellular Health Indicator in Older Women. Journal of Aging and Physical Activity, 2018, 26, 537-543.	0.5	21
82	Are cardiorespiratory fitness and moderateâ€toâ€vigorous physical activity independently associated to overweight, obesity, and abdominal obesity in elderly?. American Journal of Human Biology, 2012, 24, 28-34.	0.8	20
83	Associations of breaks in sedentary time with abdominal obesity in Portuguese older adults. Age, 2015, 37, 23.	3.0	20
84	Lower protein and higher carbohydrate intake are related with altering metabolic syndrome components in elderly women: A cross-sectional study. Experimental Gerontology, 2018, 103, 132-137.	1.2	20
85	Usefulness of raw bioelectrical impedance parameters in tracking fluid shifts in judo athletes. European Journal of Sport Science, 2020, 20, 734-743.	1.4	20
86	Development and validation of BIA prediction equations of upper and lower limb lean soft tissue in athletes. European Journal of Clinical Nutrition, 2020, 74, 1646-1652.	1.3	20
87	Changes in Cardiorespiratory Fitness Predict Changes in Body Composition from Childhood to Adolescence: Findings from the European Youth Heart Study. Physician and Sportsmedicine, 2011, 39, 78-86.	1.0	19
88	Compensatory Changes in Energy Balance Regulation over One Athletic Season. Medicine and Science in Sports and Exercise, 2017, 49, 1229-1235.	0.2	19
89	Sedentary behaviour and adiposity in elite athletes. Journal of Sports Sciences, 2014, 32, 1760-1767.	1.0	18
90	Characterization and Comparison of Nutritional Intake between Preparatory and Competitive Phase of Highly Trained Athletes. Medicina (Lithuania), 2018, 54, 41.	0.8	18

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91	Assessment of total body water and its compartments in elite judo athletes: comparison of bioelectrical impedance spectroscopy with dilution techniques. Journal of Sports Sciences, 2015, 33, 634-640.	1.0	17
92	Patterns of accelerometer-derived sedentary time across the lifespan. Journal of Sports Sciences, 2018, 36, 2809-2817.	1.0	17
93	Champ4life Study Protocol: A One-Year Randomized Controlled Trial of a Lifestyle Intervention for Inactive Former Elite Athletes with Overweight/Obesity. Nutrients, 2020, 12, 286.	1.7	17
94	Effect of body surface area calculations on body fat estimates in non-obese and obese subjects. Physiological Measurement, 2006, 27, 1197-1209.	1.2	16
95	Cross-sectional and longitudinal agreement between two multifrequency bioimpedance devices for resistance, reactance, and phase angle values. European Journal of Clinical Nutrition, 2020, 74, 900-911.	1.3	16
96	Reference Percentiles for Bioelectrical Phase Angle in Athletes. Biology, 2022, 11, 264.	1.3	16
97	Visceral Abdominal and Subfascial Femoral Adipose Tissue Have Opposite Associations with Liver Fat in Overweight and Obese Premenopausal Caucasian Women. Journal of Lipids, 2011, 2011, 1-11.	1.9	15
98	Magnesium intake mediates the association between bone mineral density and lean soft tissue in elite swimmers. Magnesium Research, 2012, 25, 120-125.	0.4	15
99	Responsiveness to muscle mass gain following 12 and 24Âweeks of resistance training in older women. Aging Clinical and Experimental Research, 2021, 33, 1071-1078.	1.4	15
100	Is bioelectrical impedance spectroscopy accurate in estimating changes in fat-free mass in judo athletes?. Journal of Sports Sciences, 2012, 30, 1225-1233.	1.0	14
101	Physical training over 6 months is associated with improved changes in phase angle, body composition, and blood glucose in healthy young males. American Journal of Human Biology, 2019, 31, e23275.	0.8	14
102	Phase Angle Is a Marker of Muscle Quantity and Strength in Overweight/Obese Former Athletes. International Journal of Environmental Research and Public Health, 2021, 18, 6649.	1.2	14
103	Three-compartment model: critical evaluation based on neutron activation analysis. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E962-E969.	1.8	13
104	A New Total Body Potassium Method to Estimate Total Body Skeletal Muscle Mass in Children ,. Journal of Nutrition, 2007, 137, 1988-1991.	1.3	13
105	Magnesium andÂstrength inÂelite judo athletes according toÂintracellular water changes. Magnesium Research, 2010, 23, 138-41.	0.4	13
106	A moderate dose of caffeine ingestion does not change energy expenditure but decreases sleep time in physically active males: a double-blind randomized controlled trial. Applied Physiology, Nutrition and Metabolism, 2013, 38, 49-56.	0.9	12
107	Changes in total and segmental bioelectrical resistance are correlated with whole-body and segmental changes in lean soft tissue following a resistance training intervention. Journal of the International Society of Sports Nutrition, 2019, 16, 58.	1.7	12
108	Risk of Low Energy Availability among Female and Male Elite Runners Competing at the 26th European Cross-Country Championships. Nutrients, 2021, 13, 873.	1.7	12

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109	The usefulness of Tanita TBF-310 for body composition assessment in Judo athletes using a four-compartment molecular model as the reference method. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2019, 65, 1283-1289.	0.3	12
110	Changes in thoracic gas volume with air-displacement plethysmography after a weight loss program in overweight and obese women. European Journal of Clinical Nutrition, 2008, 62, 444-450.	1.3	11
111	Caffeine Intake, Short Bouts of Physical Activity, and Energy Expenditure: A Double-Blind Randomized Crossover Trial. PLoS ONE, 2013, 8, e68936.	1.1	11
112	Prevalence of physical activity through the practice of sports among adolescents from Portuguese speaking countries. Ciencia E Saude Coletiva, 2015, 20, 1199-1206.	0.1	11
113	Phase angle is associated with the physical fitness of HIVâ€infected children and adolescents. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1006-1012.	1.3	11
114	Validity of extracellular water assessment with saliva samples using plasma as the reference biological fluid. Biomedical Chromatography, 2012, 26, 1348-1352.	0.8	10
115	Comparison of immunohematological profile between endurance- and power-oriented elite athletes. Applied Physiology, Nutrition and Metabolism, 2017, 42, 257-262.	0.9	10
116	Effects of Three Resistance Exercise Orders on Muscular Function and Body Composition in Older Women. International Journal of Sports Medicine, 2020, 41, 1024-1031.	0.8	10
117	Does adaptive thermogenesis occur after weight loss in adults? A systematic review. British Journal of Nutrition, 2022, 127, 451-469.	1.2	10
118	Effectiveness of a lifestyle weight-loss intervention targeting inactive former elite athletes: the Champ4Life randomised controlled trial. British Journal of Sports Medicine, 2022, 56, 394-402.	3.1	10
119	Adaptive thermogenesis after moderate weight loss: magnitude and methodological issues. European Journal of Nutrition, 2022, 61, 1405-1416.	1.8	10
120	Anthropometric profiles of elite older triathletes in the Ironman Brazil compared with those of young Portuguese triathletes and older Brazilians. Journal of Sports Sciences, 2012, 30, 479-484.	1.0	9
121	Effect of whey protein supplementation combined with resistance training on cellular health in pre-conditioned older women: A randomized, double-blind, placebo-controlled trial. Archives of Gerontology and Geriatrics, 2019, 82, 232-237.	1.4	9
122	Accuracy of Actigraph inclinometer to classify free-living postures and motion in adults with overweight and obesity. Journal of Sports Sciences, 2019, 37, 1708-1716.	1.0	9
123	Fluid distribution and cell integrity indicators evaluated by bioelectrical impedance in university athletes: comparison between team sports and individual sports. Physiological Measurement, 2019, 40, 015004.	1.2	9
124	Neck adipose tissue accumulation is associated with higher overall and central adiposity, a higher cardiometabolic risk, and a pro-inflammatory profile in young adults. International Journal of Obesity, 2021, 45, 733-745.	1.6	9
125	Creatine Supplementation Does Not Influence the Ratio Between Intracellular Water and Skeletal Muscle Mass in Resistance-Trained Men. International Journal of Sport Nutrition and Exercise Metabolism, 2020, 30, 405-411.	1.0	9
126	Total and regional bone mineral density are associated with cellular health in older men and women. Archives of Gerontology and Geriatrics, 2020, 90, 104156.	1.4	8

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127	Neck circumference is associated with adipose tissue content in thigh skeletal muscle in overweight and obese premenopausal women. Scientific Reports, 2020, 10, 8324.	1.6	8
128	Development and Cross-Validation of a Predictive Equation for Fat-Free Mass in Brazilian Adolescents by Bioelectrical Impedance. Frontiers in Nutrition, 2022, 9, 820736.	1.6	8
129	Equations based on anthropometric measurements for adipose tissue, body fat, or body density prediction in children and adolescents: a scoping review. Eating and Weight Disorders, 2022, 27, 2321-2338.	1.2	8
130	Accuracy of anthropometric measurements in estimating fat mass in individuals with 21-hydroxylase deficiency. Nutrition, 2012, 28, 984-990.	1.1	7
131	Anthropometric multicompartmental model to predict body composition In Brazilian girls. BMC Sports Science, Medicine and Rehabilitation, 2017, 9, 23.	0.7	7
132	Effects of Protein Intake Beyond Habitual Intakes Associated With Resistance Training on Metabolic Syndrome-Related Parameters, Isokinetic Strength, and Body Composition in Older Women. Journal of Aging and Physical Activity, 2019, 27, 545-552.	0.5	7
133	Validity of water compartments estimated using bioimpedance spectroscopy in athletes differing in hydration status. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1612-1620.	1.3	7
134	Specific Bioelectrical Impedance Vector Analysis Identifies Body Fat Reduction after a Lifestyle Intervention in Former Elite Athletes. Biology, 2021, 10, 524.	1.3	7
135	Development and cross-validation of predictive equations for fat-free mass and lean soft tissue mass by bioelectrical impedance in Brazilian women. European Journal of Clinical Nutrition, 2021, , .	1.3	7
136	Usefulness of age-adjusted equations to estimate body fat with air displacement plethysmography in male adolescent athletes. Acta Diabetologica, 2003, 40, s63-s67.	1.2	6
137	Changes in Skeletal Muscle Mass Assessed by Anthropometric Equations after Resistance Training. International Journal of Sports Medicine, 2012, 34, 28-33.	0.8	6
138	Breaking-up sedentary time is associated with impairment in activities of daily living. Experimental Gerontology, 2015, 72, 278.	1.2	6
139	Effects of pre- or post-exercise whey protein supplementation on body fat and metabolic and inflammatory profile in pre-conditioned older women: A randomized, double-blind, placebo-controlled trial. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 290-300.	1.1	6
140	Usefulness of Reflection Scanning in Determining Whole-Body Composition in Broadly Built Individuals Using Dual-Energy X-ray Absorptiometry. Journal of Clinical Densitometry, 2019, 22, 429-436.	0.5	6
141	Volume Reduction: Which Dose is Sufficient to Retain Resistance Training Adaptations in Older Women?. International Journal of Sports Medicine, 2022, 43, 68-76.	0.8	6
142	Determination of thigh volume in youth with anthropometry and DXA: Agreement between estimates. European Journal of Sport Science, 2013, 13, 527-533.	1.4	5
143	Do Dynamic Fat and Fat-Free Mass Changes follow Theoretical Driven Rules in Athletes?. Medicine and Science in Sports and Exercise, 2017, 49, 2086-2092.	0.2	5
144	Adaptive thermogenesis and changes in body composition and physical fitness in army cadets. Journal of Sports Medicine and Physical Fitness, 2018, 59, 94-101.	0.4	5

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145	Total body water and water compartments assessment in athletes: Validity of multi-frequency bioelectrical impedance. Science and Sports, 2019, 34, e307-e313.	0.2	5
146	Prediction Equation for Lower Limbs Lean Soft Tissue in Circumpubertal Boys Using Anthropometry and Biological Maturation. PLoS ONE, 2014, 9, e107219.	1.1	5
147	Usability of classic and specific bioelectrical impedance vector analysis in measuring body composition of children. Clinical Nutrition, 2022, 41, 673-679.	2.3	5
148	Validity of new child-specific thoracic gas volume prediction equations for air-displacement plethysmography. BMC Pediatrics, 2006, 6, 18.	0.7	4
149	Sedentary behavior and compensatory mechanisms in response to different doses of exerciseâ€”a randomized controlled trial in overweight and obese adults. European Journal of Clinical Nutrition, 2017, 71, 1393-1398.	1.3	4
150	Energy Availability Over One Athletic Season: An Observational Study Among Athletes From Different Sports. International Journal of Sport Nutrition and Exercise Metabolism, 2022, 32, 479-490.	1.0	4
151	Cardiovascular fitness and cardiovascular risk factors among obese men and women aged 58 years and older, in Portugal. Revista Medica De Chile, 2012, 140, 1164-1169.	0.1	3
152	Validity of the methods to assess body fat in children and adolescents using multi-compartment models as the reference method: a systematic review. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira (English) Tj ETQq1 0 0 rgBT /Overloc		3
153	Performance of Phalangeal Quantitative Ultrasound Parameters in the Evaluation of Reduced Bone Mineral Density Assessed By DX in Patients with 21 Hydroxylase Deficiency. Ultrasound in Medicine and Biology, 2014, 40, 1414-1419.	0.7	3
154	Variance in respiratory quotient among daily activities and its association with obesity status. International Journal of Obesity, 2021, 45, 217-224.	1.6	3
155	Lower limb body composition is associated to knee passive extension torque-angle response. SpringerPlus, 2013, 2, 403.	1.2	2
156	Prevalence of body shape concerns and associated factors among brazilian early adolescents. Human Movement, 2014, 15, 12-20.	0.5	2
157	Validation of anthropometric models in the estimation of appendicular lean soft tissue in young athletes. Revista Brasileira De Cineantropometria E Desempenho Humano, 2017, 19, 505.	0.5	2
158	Are predictive equations a valid method of assessing the resting metabolic rate of overweight or obese former athletes?. European Journal of Sport Science, 2020, 20, 1225-1234.	1.4	2
159	Interindividual Variability in Fat Mass Response to a 1-Year Randomized Controlled Trial With Different Exercise Intensities in Type 2 Diabetes: Implications on Glycemic Control and Vascular Function. Frontiers in Physiology, 2021, 12, 698971.	1.3	2
160	Changes in food reward and intuitive eating after weight loss and maintenance in former athletes with overweight or obesity. Obesity, 2022, , .	1.5	2
161	AnÃ¡lise de equaÃ§Ãµes preditivas da gordura corporal em jovens atletas de "taekwondo". Revista Brasileira De EducaÃ§Ã£o FÃsica E Esporte: RBEFE, 2012, 26, 391-399.	0.1	1
162	Body Composition: Assessment, Regulation, and Emerging Techniques. Journal of Obesity, 2013, 2013, 1-2.	1.1	1

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163	Estimating resting energy expenditure from dualâ€energy Xâ€ray absorptiometry: A crossâ€sectional study in healthy young adults. American Journal of Human Biology, 2021, 33, e23466.	0.8	1
164	Cut-off points of appendicular lean soft tissue for identifying sarcopenia in older adults in Brazil: a cross-sectional study. Nutricion Hospitalaria, 2020, 37, 306-312.	0.2	1
165	Effects of a 4-month active weight loss phase followed by weight loss maintenance on adaptive thermogenesis in resting energy expenditure in former elite athletes. European Journal of Nutrition, 2022, 61, 4121-4133.	1.8	1
166	Is Body Cell Mass Determinant For Cardiorespiratory Fitness In Male And Female Elite Basketball Players?. Medicine and Science in Sports and Exercise, 2010, 42, 127-128.	0.2	0
167	Fatores Determinantes na aptidÃ£o cardiorrespiratÃ³ria em Portugueses de diferentes etnias. DOI: 10.5007/1980-0037.2011v13n4p243. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 13, .	0.5	0
168	Is bioelectrical impedance spectroscopy accurate in estimating changes in fat-free mass in judo athletes?. Journal of Sports Sciences, 2012, 30, 1323-1323.	1.0	0
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