

Analiza M. Silva

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

5,370
citations

71102

41
h-index

114465

63
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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. <i>Obesity Reviews</i> , 2012, 13, 835-847.	6.5	201
2	Ethnicity-related skeletal muscle differences across the lifespan. <i>American Journal of Human Biology</i> , 2010, 22, 76-82.	1.6	200
3	Sedentary behavior and physical activity are independently related to functional fitness in older adults. <i>Experimental Gerontology</i> , 2012, 47, 908-912.	2.8	178
4	Reference Values for Body Composition and Anthropometric Measurements in Athletes. <i>PLoS ONE</i> , 2014, 9, e97846.	2.5	147
5	Prevalence of the Portuguese Population Attaining Sufficient Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 466-473.	0.4	144
6	Breaking-up Sedentary Time Is Associated With Physical Function in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 119-124.	3.6	135
7	Air Displacement Plethysmography: Validation in Overweight and Obese Subjects. <i>Obesity</i> , 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. <i>PLoS ONE</i> , 2016, 11, e0149351.	2.5	117
9	Sexual dimorphism of adipose tissue distribution across the lifespan: a cross-sectional whole-body magnetic resonance imaging study. <i>Nutrition and Metabolism</i> , 2009, 6, 17.	3.0	106
10	Phase angle and bioelectrical impedance vector analysis in the evaluation of body composition in athletes. <i>Clinical Nutrition</i> , 2020, 39, 447-454.	5.0	101
11	Who will lose weight? A reexamination of predictors of weight loss in women. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2004, 1, 12.	4.6	89
12	What is the metabolic and energy cost of sitting, standing and sit/stand transitions?. <i>European Journal of Applied Physiology</i> , 2016, 116, 263-273.	2.5	89
13	Prevalence of overweight and obesity among Portuguese youth: A study in a representative sample of 10-year-old children and adolescents. <i>Pediatric Obesity</i> , 2011, 6, e124-e128.	3.2	87
14	Variations in the Prevalence of Obesity Among European Countries, and a Consideration of Possible Causes. <i>Obesity Facts</i> , 2017, 10, 25-37.	3.4	81
15	Sedentary patterns, physical activity and health-related physical fitness in youth: a cross-sectional study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 25.	4.6	81
16	Validity of BMI based on self-reported weight and height in adolescents. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 83-88.	1.5	73
17	Lack of agreement of in vivo raw bioimpedance measurements obtained from two single and multi-frequency bioelectrical impedance devices. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 1077-1083.	2.9	71
18	Estimation of total body water and extracellular water with bioimpedance in athletes: A need for athlete-specific prediction models. <i>Clinical Nutrition</i> , 2016, 35, 468-474.	5.0	69

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19	Multi-component molecular-level body composition reference methods: evolving concepts and future directions. <i>Obesity Reviews</i> , 2015, 16, 282-294.	6.5	67
20	Effect of resistance training on phase angle in older women: A randomized controlled trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 1308-1316.	2.9	67
21	Body Composition and Power Changes in Elite Judo Athletes. <i>International Journal of Sports Medicine</i> , 2010, 31, 737-741.	1.7	65
22	Accuracy of DXA in estimating body composition changes in elite athletes using a four compartment model as the reference method. <i>Nutrition and Metabolism</i> , 2010, 7, 22.	3.0	64
23	Prevalence of Overweight, Obesity, and Abdominal Obesity in a Representative Sample of Portuguese Adults. <i>PLoS ONE</i> , 2012, 7, e47883.	2.5	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. <i>Clinical Nutrition ESPEN</i> , 2019, 32, 88-95.	1.2	61
25	Usefulness of different techniques for measuring body composition changes during weight loss in overweight and obese women. <i>British Journal of Nutrition</i> , 2008, 99, 432-441.	2.3	60
26	Relationship Between Changes in Total-Body Water and Fluid Distribution With Maximal Forearm Strength in Elite Judo Athletes. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2488-2495.	2.1	60
27	Physical fitness percentiles for Portuguese children and adolescents aged 10-18 years. <i>Journal of Sports Sciences</i> , 2014, 32, 1510-1518.	2.0	59
28	Phase angle is related with inflammatory and oxidative stress biomarkers in older women. <i>Experimental Gerontology</i> , 2018, 102, 12-18.	2.8	59
29	The Predictive Role of Raw Bioelectrical Impedance Parameters in Water Compartments and Fluid Distribution Assessed by Dilution Techniques in Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 759.	2.6	57
30	Normative Functional Fitness Standards and Trends of Portuguese Older Adults: Cross-Cultural Comparisons. <i>Journal of Aging and Physical Activity</i> , 2014, 22, 126-137.	1.0	55
31	Changes in Phase Angle and Handgrip Strength Induced by Suspension Training in Older Women. <i>International Journal of Sports Medicine</i> , 2018, 39, 442-449.	1.7	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. <i>Nutrients</i> , 2018, 10, 563.	4.1	54
33	Body fat measurement in adolescent athletes: multicompartiment molecular model comparison. <i>European Journal of Clinical Nutrition</i> , 2006, 60, 955-964.	2.9	53
34	Classic Bioelectrical Impedance Vector Reference Values for Assessing Body Composition in Male and Female Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5066.	2.6	53
35	Validity of GT3X and Actiheart to estimate sedentary time and breaks using ActivPAL as the reference in free-living conditions. <i>Gait and Posture</i> , 2015, 41, 917-922.	1.4	51
36	Structural and functional body components in athletic health and performance phenotypes. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 215-224.	2.9	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. <i>Journal of Geriatric Physical Therapy</i> , 2019, 42, 281-286.	1.1	50
38	The effects of resistance training volume on osteosarcopenic obesity in older women. <i>Journal of Sports Sciences</i> , 2018, 36, 1564-1571.	2.0	49
39	Identifying Athlete Body Fluid Changes During a Competitive Season With Bioelectrical Impedance Vector Analysis. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 361-367.	2.3	49
40	Risk for losing physical independence in older adults: The role of sedentary time, light, and moderate to vigorous physical activity. <i>Maturitas</i> , 2014, 79, 91-95.	2.4	45
41	Diagnostics and control for the steady state and pulsed tokamak DEMO. <i>Nuclear Fusion</i> , 2016, 56, 026009.	3.5	45
42	Improvements in Phase Angle Are Related With Muscle Quality Index After Resistance Training in Older Women. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 515-520.	1.0	43
43	Are Skinfold-Based Models Accurate and Suitable for Assessing Changes in Body Composition in Highly Trained Athletes?. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1688-1696.	2.1	41
44	Total Energy Expenditure Assessment in Elite Junior Basketball Players. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1920-1927.	2.1	41
45	Body composition in taller individuals using DXA: A validation study for athletic and non-athletic populations. <i>Journal of Sports Sciences</i> , 2013, 31, 405-413.	2.0	40
46	Randomized controlled pilot of an intervention to reduce and break-up overweight/obese adults' overall sitting-time. <i>Trials</i> , 2015, 16, 490.	1.6	40
47	Breaking-up sedentary time is associated with impairment in activities of daily living. <i>Experimental Gerontology</i> , 2015, 72, 57-62.	2.8	40
48	Is bioelectrical impedance spectroscopy accurate in estimating total body water and its compartments in elite athletes?. <i>Annals of Human Biology</i> , 2013, 40, 152-156.	1.0	39
49	Validade dos métodos para avaliação da gordura corporal em crianças e adolescentes por meio de modelos multicompartimentais: uma revisão sistemática. <i>Revista Da Associação Médica Brasileira</i> , 2013, 59, 475-486.	0.7	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. <i>British Journal of Nutrition</i> , 2018, 119, 1327-1345.	2.3	38
51	The Role of Somatic Maturation on Bioimpedance Patterns and Body Composition in Male Elite Youth Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4711.	2.6	38
52	Magnesium intake is associated with strength performance in elite basketball, handball and volleyball players. <i>Magnesium Research</i> , 2011, 24, 215-219.	0.5	37
53	Increases in Intracellular Water Explain Strength and Power Improvements over a Season. <i>International Journal of Sports Medicine</i> , 2014, 35, 1101-1105.	1.7	37
54	Changes in regional body composition explain increases in energy expenditure in elite junior basketball players over the season. <i>European Journal of Applied Physiology</i> , 2012, 112, 2727-2737.	2.5	36

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55	Resistance training prescription with different loadâ€management methods improves phase angle in older women. <i>European Journal of Sport Science</i> , 2017, 17, 913-921.	2.7	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. <i>Journal of Obesity</i> , 2013, 2013, 1-14.	2.7	32
57	Evaluation of between-methods agreement of extracellular water measurements in adults and children. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 315-323.	4.7	30
58	Total Body Water Measurements in Adolescent Athletes: A Comparison of Six Field Methods With Deuterium Dilution. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1225-1237.	2.1	30
59	Extracellular water: greater expansion with age in African Americans. <i>Journal of Applied Physiology</i> , 2005, 99, 261-267.	2.5	29
60	Fat-free Mass Bioelectrical Impedance Analysis Predictive Equation for Athletes using a 4-Compartment Model. <i>International Journal of Sports Medicine</i> , 2021, 42, 27-32.	1.7	29
61	Extracellular water across the adult lifespan: reference values for adults. <i>Physiological Measurement</i> , 2007, 28, 489-502.	2.1	27
62	Hypertrophy-type Resistance Training Improves Phase Angle in Young Adult Men and Women. <i>International Journal of Sports Medicine</i> , 2017, 38, 35-40.	1.7	27
63	Effects of Different Resistance Training Frequencies on Fat in Overweight/Obese Older Women. <i>International Journal of Sports Medicine</i> , 2018, 39, 527-534.	1.7	27
64	Validity of air-displacement plethysmography in the assessment of body composition changes in a 16-month weight loss program. <i>Nutrition and Metabolism</i> , 2006, 3, 32.	3.0	26
65	Assessing body composition in taller or broader individuals using dual-energy X-ray absorptiometry: a systematic review. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 1012-1021.	2.9	26
66	Energy Balance over One Athletic Season. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1724-1733.	0.4	26
67	Generalized bioelectric impedanceâ€based equations underestimate body fluids in athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 2123-2132.	2.9	26
68	Association of phase angle with muscle strength and aerobic fitness in different populations: A systematic review. <i>Nutrition</i> , 2022, 93, 111489.	2.4	26
69	Total body water and its compartments are not affected by ingesting a moderate dose of caffeine in healthy young adult males. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 626-632.	1.9	25
70	Magnesium and phase angle: a prognostic tool for monitoring cellular integrity in judo athletes. <i>Magnesium Research</i> , 2015, 28, 92-98.	0.5	25
71	Body Water Content and Morphological Characteristics Modify Bioimpedance Vector Patterns in Volleyball, Soccer, and Rugby Players. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6604.	2.6	25
72	Utility of novel body indices in predicting fat mass in elite athletes. <i>Nutrition</i> , 2015, 31, 948-954.	2.4	24

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73	Sedentary bout durations are associated with abdominal obesity in older adults. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 798-804.	3.3	24
74	Phase Angle is Moderately Associated with Short-term Maximal Intensity Efforts in Soccer Players. <i>International Journal of Sports Medicine</i> , 2019, 40, 739-743.	1.7	24
75	Validity of a combined heart rate and motion sensor for the measurement of free-living energy expenditure in very active individuals. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 387-393.	1.3	23
76	Suitability of Bioelectrical Based Methods to Assess Water Compartments in Recreational and Elite Athletes. <i>Journal of the American College of Nutrition</i> , 2016, 35, 413-421.	1.8	23
77	Anthropometric Models to Predict Appendicular Lean Soft Tissue in Adolescent Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 828-836.	0.4	22
78	Phase Angle as a Marker of Muscular Strength in Breast Cancer Survivors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4452.	2.6	22
79	Somatotype and Bioimpedance Vector Analysis: A New Target Zone for Male Athletes. <i>Sustainability</i> , 2020, 12, 4365.	3.2	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. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 20-27.	2.9	21
81	Effects of Single Set Resistance Training With Different Frequencies on a Cellular Health Indicator in Older Women. <i>Journal of Aging and Physical Activity</i> , 2018, 26, 537-543.	1.0	21
82	Are cardiorespiratory fitness and moderate-to-vigorous physical activity independently associated to overweight, obesity, and abdominal obesity in elderly?. <i>American Journal of Human Biology</i> , 2012, 24, 28-34.	1.6	20
83	Associations of breaks in sedentary time with abdominal obesity in Portuguese older adults. <i>Age</i> , 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. <i>Experimental Gerontology</i> , 2018, 103, 132-137.	2.8	20
85	Usefulness of raw bioelectrical impedance parameters in tracking fluid shifts in judo athletes. <i>European Journal of Sport Science</i> , 2020, 20, 734-743.	2.7	20
86	Development and validation of BIA prediction equations of upper and lower limb lean soft tissue in athletes. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1646-1652.	2.9	20
87	Changes in Cardiorespiratory Fitness Predict Changes in Body Composition from Childhood to Adolescence: Findings from the European Youth Heart Study. <i>Physician and Sportsmedicine</i> , 2011, 39, 78-86.	2.1	19
88	Compensatory Changes in Energy Balance Regulation over One Athletic Season. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1229-1235.	0.4	19
89	Sedentary behaviour and adiposity in elite athletes. <i>Journal of Sports Sciences</i> , 2014, 32, 1760-1767.	2.0	18
90	Characterization and Comparison of Nutritional Intake between Preparatory and Competitive Phase of Highly Trained Athletes. <i>Medicina (Lithuania)</i> , 2018, 54, 41.	2.0	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. <i>Journal of Sports Sciences</i> , 2015, 33, 634-640.	2.0	17
92	Patterns of accelerometer-derived sedentary time across the lifespan. <i>Journal of Sports Sciences</i> , 2018, 36, 2809-2817.	2.0	17
93	Champ4life Study Protocol: A One-Year Randomized Controlled Trial of a Lifestyle Intervention for Inactive Former Elite Athletes with Overweight/Obesity. <i>Nutrients</i> , 2020, 12, 286.	4.1	17
94	Effect of body surface area calculations on body fat estimates in non-obese and obese subjects. <i>Physiological Measurement</i> , 2006, 27, 1197-1209.	2.1	16
95	Cross-sectional and longitudinal agreement between two multifrequency bioimpedance devices for resistance, reactance, and phase angle values. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 900-911.	2.9	16
96	Reference Percentiles for Bioelectrical Phase Angle in Athletes. <i>Biology</i> , 2022, 11, 264.	2.8	16
97	Visceral Abdominal and Subfascial Femoral Adipose Tissue Have Opposite Associations with Liver Fat in Overweight and Obese Premenopausal Caucasian Women. <i>Journal of Lipids</i> , 2011, 2011, 1-11.	4.8	15
98	Magnesium intake mediates the association between bone mineral density and lean soft tissue in elite swimmers. <i>Magnesium Research</i> , 2012, 25, 120-125.	0.5	15
99	Responsiveness to muscle mass gain following 12 and 24 weeks of resistance training in older women. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1071-1078.	2.9	15
100	Is bioelectrical impedance spectroscopy accurate in estimating changes in fat-free mass in judo athletes?. <i>Journal of Sports Sciences</i> , 2012, 30, 1225-1233.	2.0	14
101	Physical training over 6 months is associated with improved changes in phase angle, body composition, and blood glucose in healthy young males. <i>American Journal of Human Biology</i> , 2019, 31, e23275.	1.6	14
102	Phase Angle Is a Marker of Muscle Quantity and Strength in Overweight/Obese Former Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6649.	2.6	14
103	Three-compartment model: critical evaluation based on neutron activation analysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E962-E969.	3.5	13
104	A New Total Body Potassium Method to Estimate Total Body Skeletal Muscle Mass in Children. <i>Journal of Nutrition</i> , 2007, 137, 1988-1991.	2.9	13
105	Magnesium and strength in elite judo athletes according to intracellular water changes. <i>Magnesium Research</i> , 2010, 23, 138-41.	0.5	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. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 49-56.	1.9	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. <i>Journal of the International Society of Sports Nutrition</i> , 2019, 16, 58.	3.9	12
108	Risk of Low Energy Availability among Female and Male Elite Runners Competing at the 26th European Cross-Country Championships. <i>Nutrients</i> , 2021, 13, 873.	4.1	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. <i>Revista Da Associação Médica Brasileira</i> , 2019, 65, 1283-1289.	0.7	12
110	Changes in thoracic gas volume with air-displacement plethysmography after a weight loss program in overweight and obese women. <i>European Journal of Clinical Nutrition</i> , 2008, 62, 444-450.	2.9	11
111	Caffeine Intake, Short Bouts of Physical Activity, and Energy Expenditure: A Double-Blind Randomized Crossover Trial. <i>PLoS ONE</i> , 2013, 8, e68936.	2.5	11
112	Prevalence of physical activity through the practice of sports among adolescents from Portuguese speaking countries. <i>Ciencia E Saude Coletiva</i> , 2015, 20, 1199-1206.	0.5	11
113	Phase angle is associated with the physical fitness of HIV-infected children and adolescents. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1006-1012.	2.9	11
114	Validity of extracellular water assessment with saliva samples using plasma as the reference biological fluid. <i>Biomedical Chromatography</i> , 2012, 26, 1348-1352.	1.7	10
115	Comparison of immunohematological profile between endurance- and power-oriented elite athletes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 257-262.	1.9	10
116	Effects of Three Resistance Exercise Orders on Muscular Function and Body Composition in Older Women. <i>International Journal of Sports Medicine</i> , 2020, 41, 1024-1031.	1.7	10
117	Does adaptive thermogenesis occur after weight loss in adults? A systematic review. <i>British Journal of Nutrition</i> , 2022, 127, 451-469.	2.3	10
118	Effectiveness of a lifestyle weight-loss intervention targeting inactive former elite athletes: the Champ4Life randomised controlled trial. <i>British Journal of Sports Medicine</i> , 2022, 56, 394-402.	6.7	10
119	Adaptive thermogenesis after moderate weight loss: magnitude and methodological issues. <i>European Journal of Nutrition</i> , 2022, 61, 1405-1416.	3.9	10
120	Anthropometric profiles of elite older triathletes in the Ironman Brazil compared with those of young Portuguese triathletes and older Brazilians. <i>Journal of Sports Sciences</i> , 2012, 30, 479-484.	2.0	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. <i>Archives of Gerontology and Geriatrics</i> , 2019, 82, 232-237.	3.0	9
122	Accuracy of Actigraph inclinometer to classify free-living postures and motion in adults with overweight and obesity. <i>Journal of Sports Sciences</i> , 2019, 37, 1708-1716.	2.0	9
123	Fluid distribution and cell integrity indicators evaluated by bioelectrical impedance in university athletes: comparison between team sports and individual sports. <i>Physiological Measurement</i> , 2019, 40, 015004.	2.1	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. <i>International Journal of Obesity</i> , 2021, 45, 733-745.	3.4	9
125	Creatine Supplementation Does Not Influence the Ratio Between Intracellular Water and Skeletal Muscle Mass in Resistance-Trained Men. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2020, 30, 405-411.	2.1	9
126	Total and regional bone mineral density are associated with cellular health in older men and women. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104156.	3.0	8

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127	Neck circumference is associated with adipose tissue content in thigh skeletal muscle in overweight and obese premenopausal women. <i>Scientific Reports</i> , 2020, 10, 8324.	3.3	8
128	Development and Cross-Validation of a Predictive Equation for Fat-Free Mass in Brazilian Adolescents by Bioelectrical Impedance. <i>Frontiers in Nutrition</i> , 2022, 9, 820736.	3.7	8
129	Equations based on anthropometric measurements for adipose tissue, body fat, or body density prediction in children and adolescents: a scoping review. <i>Eating and Weight Disorders</i> , 2022, 27, 2321-2338.	2.5	8
130	Accuracy of anthropometric measurements in estimating fat mass in individuals with 21-hydroxylase deficiency. <i>Nutrition</i> , 2012, 28, 984-990.	2.4	7
131	Anthropometric multicompartamental model to predict body composition In Brazilian girls. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2017, 9, 23.	1.7	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. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 545-552.	1.0	7
133	Validity of water compartments estimated using bioimpedance spectroscopy in athletes differing in hydration status. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1612-1620.	2.9	7
134	Specific Bioelectrical Impedance Vector Analysis Identifies Body Fat Reduction after a Lifestyle Intervention in Former Elite Athletes. <i>Biology</i> , 2021, 10, 524.	2.8	7
135	Development and cross-validation of predictive equations for fat-free mass and lean soft tissue mass by bioelectrical impedance in Brazilian women. <i>European Journal of Clinical Nutrition</i> , 2021, , .	2.9	7
136	Usefulness of age-adjusted equations to estimate body fat with air displacement plethysmography in male adolescent athletes. <i>Acta Diabetologica</i> , 2003, 40, s63-s67.	2.5	6
137	Changes in Skeletal Muscle Mass Assessed by Anthropometric Equations after Resistance Training. <i>International Journal of Sports Medicine</i> , 2012, 34, 28-33.	1.7	6
138	Breaking-up sedentary time is associated with impairment in activities of daily living. <i>Experimental Gerontology</i> , 2015, 72, 278.	2.8	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. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 290-300.	2.6	6
140	Usefulness of Reflection Scanning in Determining Whole-Body Composition in Broadly Built Individuals Using Dual-Energy X-ray Absorptiometry. <i>Journal of Clinical Densitometry</i> , 2019, 22, 429-436.	1.2	6
141	Volume Reduction: Which Dose is Sufficient to Retain Resistance Training Adaptations in Older Women?. <i>International Journal of Sports Medicine</i> , 2022, 43, 68-76.	1.7	6
142	Determination of thigh volume in youth with anthropometry and DXA: Agreement between estimates. <i>European Journal of Sport Science</i> , 2013, 13, 527-533.	2.7	5
143	Do Dynamic Fat and Fat-Free Mass Changes follow Theoretical Driven Rules in Athletes?. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2086-2092.	0.4	5
144	Adaptive thermogenesis and changes in body composition and physical fitness in army cadets. <i>Journal of Sports Medicine and Physical Fitness</i> , 2018, 59, 94-101.	0.7	5

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145	Total body water and water compartments assessment in athletes: Validity of multi-frequency bioelectrical impedance. <i>Science and Sports</i> , 2019, 34, e307-e313.	0.5	5
146	Prediction Equation for Lower Limbs Lean Soft Tissue in Circumpubertal Boys Using Anthropometry and Biological Maturation. <i>PLoS ONE</i> , 2014, 9, e107219.	2.5	5
147	Usability of classic and specific bioelectrical impedance vector analysis in measuring body composition of children. <i>Clinical Nutrition</i> , 2022, 41, 673-679.	5.0	5
148	Validity of new child-specific thoracic gas volume prediction equations for air-displacement plethysmography. <i>BMC Pediatrics</i> , 2006, 6, 18.	1.7	4
149	Sedentary behavior and compensatory mechanisms in response to different doses of exercise—a randomized controlled trial in overweight and obese adults. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 1393-1398.	2.9	4
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