Brett S Nickerson

List of Publications by Year
in descending order

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46 papers	605 citations	687363 13 h-index	677142 22 g-index
46 all docs	46 docs citations	46 times ranked	669 citing authors

#	Article	IF	Citations
1	Effect of total body water estimates via bioimpedance on bod pod-based three-compartment body fat models. European Journal of Clinical Nutrition, 2022, 76, 581-587.	2.9	2
2	Agreement Between A 2-Dimensional Digital Image-Based 3-Compartment Body Composition Model and Dual Energy X-Ray Absorptiometry for The Estimation of Relative Adiposity. Journal of Clinical Densitometry, 2022, 25, 244-251.	1.2	3
3	Aerobic exercise is an independent determinant of levels of inflammation and oxidative stress in middle-aged obese females. Journal of Exercise Rehabilitation, 2022, 18, 43-49.	1.0	2
4	Proportional bias of multifrequency bioimpedance analysis is larger in Hispanic females than males. Nutrition Research, 2022, 103, 40-46.	2.9	2
5	Evaluation of Obesity Cutoff Values in Hispanic Adults: Derivation of New Standards. Journal of Clinical Densitometry, 2021, 24, 388-396.	1.2	1
6	Examining Race-Related Error in Two-Compartment Models of Body Composition Assessment: A Systematic Review and Meta-Analysis. Journal of Clinical Densitometry, 2021, 24, 156-168.	1.2	7
7	Prediction of underwater residual lung volume in healthy men and women. Clinical Physiology and Functional Imaging, 2021, 41, 434-442.	1.2	0
8	Generalized Equations for Predicting Percent Body Fat from Anthropometric Measures Using a Criterion Five-Compartment Model. Medicine and Science in Sports and Exercise, 2021, 53, 2675-2682.	0.4	2
9	Evaluation of Load Velocity Profiles with Varying Warm-up Sets and Relative Intensities. International Journal of Exercise Science, 2021, 14, 971-979.	0.5	0
10	Reliability and Agreement of Various InBody Body Composition Analyzers as Compared to Dual-Energy X-Ray Absorptiometry in Healthy Men and Women. Journal of Clinical Densitometry, 2020, 23, 443-450.	1.2	180
11	Comparison of Multifrequency Bioelectrical Impedance vs. Dual-Energy X-ray Absorptiometry for Assessing Body Composition Changes After Participation in a 10-Week Resistance Training Program. Journal of Strength and Conditioning Research, 2020, 34, 678-688.	2.1	31
12	The relative accuracy of skinfolds compared to four-compartment estimates of body composition. Clinical Nutrition, 2020, 39, 1112-1116.	5.0	10
13	Agreement Between 2 Segmental Bioimpedance Devices, BOD POD, and DXA in Obese Adults. Journal of Clinical Densitometry, 2020, 23, 138-148.	1.2	19
14	Bias varies for bioimpedance analysis and skinfold technique when stratifying collegiate male athletesâ€™ fat-free mass hydration levels. Applied Physiology, Nutrition and Metabolism, 2020, 45, 336-339.	1.9	4
15	Relative accuracy of anthropometric-based body fat equations in males and females with varying BMI classifications. Clinical Nutrition ESPEN, 2020, 35, 136-140.	1.2	10
16	Development of a Body Mass Indexâ€“based Body Fat Equation: Effect of Handgrip Strength. Medicine and Science in Sports and Exercise, 2020, 52, 2459-2465.	0.4	5
17	Development of a dual-energy X-ray absorptiometry-derived body volume equation in Hispanic adults for administering a four-compartment model. British Journal of Nutrition, 2020, 123, 1373-1381.	2.3	5
18	Fat-free mass characteristics of Hispanic adults: Comparisons with non-Hispanic Caucasians and cadaver reference values. Clinical Nutrition, 2020, 39, 3080-3085.	5.0	9

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19	Fat-free mass characteristics vary based on sex, race, and weight status in US adults. Nutrition Research, 2020, 81, 58-70.	2.9	16
20	The Validity of Relative Fat Mass and Body Adiposity Index as Measures of Body Composition in Healthy Adults. Measurement in Physical Education and Exercise Science, 2020, 24, 137-146.	1.8	11
21	Inter-device reliability of wearable technology for quantifying jump height in collegiate athletes. Biology of Sport, 2020, 37, 383-387.	3.2	0
22	Development Of A Dxa-derived Body Volume Equation In Hispanic Adults For Administering In 4-compartment Models. Medicine and Science in Sports and Exercise, 2020, 52, 876-876.	0.4	2
23	Validity of Foot-To-Foot Bioelectrical Impedance for Estimating Body Composition in NCAA Division I Male Athletes: A 3-Compartment Model Comparison. Journal of Strength and Conditioning Research, 2019, 33, 3361-3366.	2.1	5
24	Effects of Telephone Aftercare Intervention for Obese Hispanic Children on Body Fat Percentage, Physical Fitness, and Blood Lipid Profiles. International Journal of Environmental Research and Public Health, 2019, 16, 5133.	2.6	6
25	Impact of Spotter Sex on One Repetition Maximum Bench Press Performance. Journal of Strength and Conditioning Research, 2019, Publish Ahead of Print, 2397-2400.	2.1	0
26	Validity of Field and Laboratory Three-Compartment Models in Healthy Adults. Medicine and Science in Sports and Exercise, 2019, 51, 1032-1039.	0.4	16
27	Fat-free Mass Characteristics of Muscular Physique Athletes. Medicine and Science in Sports and Exercise, 2019, 51, 193-201.	0.4	22
28	Relative accuracy of body adiposity index and relative fat mass in participants with and without down syndrome. European Journal of Clinical Nutrition, 2019, 73, 1117-1121.	2.9	16
29	Exclusion of Trunk Region Reduces Biological Error but Increases Technical Error of DXA Lean Soft Tissue Estimates From Nonfasted Assessments. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 309-314.	2.1	1
30	Associations of body adiposity index, waist circumference, and body mass index in young adults. Clinical Nutrition, 2019, 38, 715-720.	5.0	31
31	Physiological adaptation following four-weeks of high-intensity functional training. Vojnosanitetski Pregled, 2019, 76, 272-277.	0.2	5
32	Agreement between single-frequency bioimpedance analysis and dual energy x-ray absorptiometry varies based on sex and segmental mass. Nutrition Research, 2018, 54, 33-39.	2.9	13
33	A novel method of utilizing skinfolds and bioimpedance for determining body fat percentage via a field-based three-compartment model. European Journal of Clinical Nutrition, 2018, 72, 1431-1438.	2.9	23
34	Comparison of Bioelectrical Impedance Analysis and Dual-Energy X-Ray Absorptiometry for Estimating Bone Mineral Content. International Journal of Sport Nutrition and Exercise Metabolism, 2018, 28, 542-546.	2.1	7
35	Utilization of BIA-Derived Bone Mineral Estimates Exerts Minimal Impact on Body Fat Estimates via Multicompartment Models in Physically Active Adults. Journal of Clinical Densitometry, 2018, 21, 541-549.	1.2	25
36	Validity of BMI-Based Body Fat Equations in Men and Women: A 4-Compartment Model Comparison. Journal of Strength and Conditioning Research, 2018, 32, 121-129.	2.1	20

#	Article	IF	Citations
37	Validity of DXA body volume equations in a four-compartment model for adults with varying body mass index and waist circumference classifications. PLoS ONE, 2018, 13, e0206866.	2.5	7
38	Comparison of Bioimpedance and Underwater Weighing Body Fat Percentage Before and Acutely After Exercise at Varying Intensities. Journal of Strength and Conditioning Research, 2017, 31, 1395-1402.	2.1	12
39	Comparison of bioelectrical impedance and DXA for measuring body composition among adults with Down syndrome. Disability and Health Journal, 2017, 10, 548-551.	2.8	4
40	Impact of Measured vs. Predicted Residual Lung Volume on Body Fat Percentage Using Underwater Weighing and 4-Compartment Model. Journal of Strength and Conditioning Research, 2017, 31, 2519-2527.	2.1	10
41	Validity of Selected Bioimpedance Equations for Estimating Body Composition in Men and Women: A Four-Compartment Model Comparison. Journal of Strength and Conditioning Research, 2017, 31, 1963-1972.	2.1	16
42	Validity of Four-Compartment Model Body Fat In Physically Active Men And Women When Using DXA For Body Volume. International Journal of Sport Nutrition and Exercise Metabolism, 2017, 27, 520-527.	2.1	19
43	Effects of Heat Exposure on Body Water Assessed using Single-Frequency Bioelectrical Impedance Analysis and Bioimpedance Spectroscopy. International Journal of Exercise Science, 2017, 10, 1085-1093.	0.5	4
44	Agreement of BMI-Based Equations and DXA in Determining Body-Fat Percentage in Adults With Down Syndrome. Adapted Physical Activity Quarterly, 2016, 33, 89-96.	0.8	7
45	PROMPTING INDIVIDUALS WITH DOWN SYNDROME TO USE A TREADMILL. ACSM's Health and Fitness Journal, 2015, 19, 19-23.	0.6	0
46	Validity of the body adiposity index in adults with Down syndrome. Research in Developmental Disabilities, 2015, 38, 92-96.	2.2	15