

Henry C Lukaski

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28 papers	1,455 citations	14 h-index	31 g-index
31 ext. papers	1,852 ext. citations	4.7 avg, IF	4.77 L-index

#	Paper	IF	Citations
28	Development of bioelectrical impedance analysis prediction equations for body composition with the use of a multicomponent model for use in epidemiologic surveys. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 331-40	7	428
27	QDR 4500A dual-energy X-ray absorptiometer underestimates fat mass in comparison with criterion methods in adults. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1018-25	7	195
26	Whey protein, amino acids, and vitamin D supplementation with physical activity increases fat-free mass and strength, functionality, and quality of life and decreases inflammation in sarcopenic elderly. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 830-40	7	193
25	Bioelectrical impedance methods in clinical research: a follow-up to the NIH Technology Assessment Conference. <i>Nutrition</i> , 1999 , 15, 874-80	4.8	140
24	Assessment of adult malnutrition and prognosis with bioelectrical impedance analysis: phase angle and impedance ratio. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017 , 20, 330-339	3.8	138
23	Classification of Hydration in Clinical Conditions: Indirect and Direct Approaches Using Bioimpedance. <i>Nutrients</i> , 2019 , 11,	6.7	50
22	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	5.3	45
21	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	5.9	42
20	Bioimpedance identifies body fluid loss after exercise in the heat: a pilot study with body cooling. <i>PLoS ONE</i> , 2014 , 9, e109729	3.7	36
19	Bioimpedance patterns and bioelectrical impedance vector analysis (BIVA) of road cyclists. <i>Journal of Sports Sciences</i> , 2018 , 36, 2608-2613	3.6	31
18	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,	4.6	27
17	Chromium. <i>Advances in Nutrition</i> , 2018 , 9, 505-506	10	21
16	New Frontiers of Body Composition in Sport. <i>International Journal of Sports Medicine</i> , 2021 , 42, 588-601	3.6	20
15	Stabilizing Bioimpedance-Vector-Analysis Measures With a 10-Minute Cold Shower After Running Exercise to Enable Assessment of Body Hydration. <i>International Journal of Sports Physiology and Performance</i> , 2019 , 14, 1006-1009	3.5	18
14	Phase angle and standardized phase angle from bioelectrical impedance measurements as a prognostic factor for mortality at 90 days in patients with COVID-19: A longitudinal cohort study. <i>Clinical Nutrition</i> , 2021 ,	5.9	13
13	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,	4.6	11
12	Usefulness of raw bioelectrical impedance parameters in tracking fluid shifts in judo athletes. <i>European Journal of Sport Science</i> , 2020 , 20, 734-743	3.9	11

11	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	3.6	11
10	A Smartphone Application for Personal Assessments of Body Composition and Phenotyping. <i>Sensors</i> , 2016 , 16,	3.8	9
9	Fatty Acid Profile and Antioxidant Status Fingerprint in Sarcopenic Elderly Patients: Role of Diet and Exercise. <i>Nutrients</i> , 2019 , 11,	6.7	5
8	Commentary: Body mass index persists as a sensible beginning to comprehensive risk assessment. <i>International Journal of Epidemiology</i> , 2014 , 43, 669-71	7.8	4
7	Prediction of Somatotype from Bioimpedance Analysis in Elite Youth Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
6	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	4.6	1
5	The influence of coffee consumption on bioelectrical impedance parameters: a randomized, double-blind, cross-over trial. <i>European Journal of Clinical Nutrition</i> , 2021 ,	5.2	1
4	Body composition assessment using bioelectrical impedance analysis (BIA) in a wide cohort of patients affected with mild to severe obesity. <i>Clinical Nutrition</i> , 2021 , 40, 3973-3981	5.9	1
3	Body fluid status, plasma volume change and its relationship to physical effort during a multistage professional road cycling race. <i>International Journal of Performance Analysis in Sport</i> , 2018 , 18, 679-685	1.8	1
2	A tribute to Antonio Piccoli, a father and a pioneer in body composition assessment using bioelectrical impedance technology. <i>Clinical Nutrition</i> , 2020 , 39, 3228-3229	5.9	
1	Letter to the Editor: Normal Reference Plots of the Bioelectrical Impedance Vector for Healthy Korean Adults. <i>Journal of Korean Medical Science</i> , 2019 , 34, e274	4.7	