

Steven B Heymsfield

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.

780

papers

66,436

citations

126

h-index

237

g-index

837

ext. papers

74,944

ext. citations

6.7

avg, IF

7.72

L-index

#	Paper	IF	Citations
780	Epidemiology of sarcopenia among the elderly in New Mexico. <i>American Journal of Epidemiology</i> , 1998 , 147, 755-63	3.8	2691
779	Low relative skeletal muscle mass (sarcopenia) in older persons is associated with functional impairment and physical disability. <i>Journal of the American Geriatrics Society</i> , 2002 , 50, 889-96	5.6	2057
778	Skeletal muscle mass and distribution in 468 men and women aged 18-88 yr. <i>Journal of Applied Physiology</i> , 2000 , 89, 81-8	3.7	1628
777	The metabolic syndrome: prevalence and associated risk factor findings in the US population from the Third National Health and Nutrition Examination Survey, 1988-1994. <i>Archives of Internal Medicine</i> , 2003 , 163, 427-36		1495
776	Healthy percentage body fat ranges: an approach for developing guidelines based on body mass index. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 694-701	7	1115
775	Recombinant leptin for weight loss in obese and lean adults: a randomized, controlled, dose-escalation trial. <i>JAMA - Journal of the American Medical Association</i> , 1999 , 282, 1568-75	27.4	1025
774	How useful is body mass index for comparison of body fatness across age, sex, and ethnic groups?. <i>American Journal of Epidemiology</i> , 1996 , 143, 228-39	3.8	1017
773	Discrepancy between self-reported and actual caloric intake and exercise in obese subjects. <i>New England Journal of Medicine</i> , 1992 , 327, 1893-8	59.2	973
772	Total body skeletal muscle and adipose tissue volumes: estimation from a single abdominal cross-sectional image. <i>Journal of Applied Physiology</i> , 2004 , 97, 2333-8	3.7	953
771	Cadaver validation of skeletal muscle measurement by magnetic resonance imaging and computerized tomography. <i>Journal of Applied Physiology</i> , 1998 , 85, 115-22	3.7	949
770	Short sleep duration as a risk factor for hypertension: analyses of the first National Health and Nutrition Examination Survey. <i>Hypertension</i> , 2006 , 47, 833-9	8.5	903
769	Estimation of skeletal muscle mass by bioelectrical impedance analysis. <i>Journal of Applied Physiology</i> , 2000 , 89, 465-71	3.7	846
768	Mechanisms, Pathophysiology, and Management of Obesity. <i>New England Journal of Medicine</i> , 2017 , 376, 254-266	59.2	716
767	Body mass index as a measure of adiposity among children and adolescents: a validation study. <i>Journal of Pediatrics</i> , 1998 , 132, 204-10	3.6	665
766	Inadequate sleep as a risk factor for obesity: analyses of the NHANES I. <i>Sleep</i> , 2005 , 28, 1289-96	1.1	655
765	Appendicular skeletal muscle mass: effects of age, gender, and ethnicity. <i>Journal of Applied Physiology</i> , 1997 , 83, 229-39	3.7	650
764	Weight control and risk factor reduction in obese subjects treated for 2 years with orlistat: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 1999 , 281, 235-42	27.4	645

763	Appendicular skeletal muscle mass: measurement by dual-photon absorptiometry. <i>American Journal of Clinical Nutrition</i> , 1990 , 52, 214-8	7	643
762	Measurement of muscle mass in humans: validity of the 24-hour urinary creatinine method. <i>American Journal of Clinical Nutrition</i> , 1983 , 37, 478-94	7	632
761	Dual energy X-Ray absorptiometry body composition reference values from NHANES. <i>PLoS ONE</i> , 2009 , 4, e7038	3.7	615
760	Height-normalized indices of the body's fat-free mass and fat mass: potentially useful indicators of nutritional status. <i>American Journal of Clinical Nutrition</i> , 1990 , 52, 953-9	7	595
759	Anthropometric measurement of muscle mass: revised equations for calculating bone-free arm muscle area. <i>American Journal of Clinical Nutrition</i> , 1982 , 36, 680-90	7	582
758	Effects of gender, body composition, and menopause on plasma concentrations of leptin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 3424-7	5.6	566
757	Total-body skeletal muscle mass: estimation by a new dual-energy X-ray absorptiometry method. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 378-83	7	485
756	Waist circumference and obesity-associated risk factors among whites in the third National Health and Nutrition Examination Survey: clinical action thresholds. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 743-9	7	458
755	Body mass index and waist circumference independently contribute to the prediction of nonabdominal, abdominal subcutaneous, and visceral fat. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 683-8	7	452
754	Effects of gender, body composition, and menopause on plasma concentrations of leptin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1996 , 81, 3424-3427	5.6	446
753	Effects of COVID-19 Lockdown on Lifestyle Behaviors in Children with Obesity Living in Verona, Italy: A Longitudinal Study. <i>Obesity</i> , 2020 , 28, 1382-1385	8	437
752	Sleep duration as a risk factor for diabetes incidence in a large U.S. sample. <i>Sleep</i> , 2007 , 30, 1667-73	1.1	428
751	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
750	Total-body skeletal muscle mass: development and cross-validation of anthropometric prediction models. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 796-803	7	422
749	Low-dose leptin reverses skeletal muscle, autonomic, and neuroendocrine adaptations to maintenance of reduced weight. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3579-86	15.9	417
748	The five-level model: a new approach to organizing body-composition research. <i>American Journal of Clinical Nutrition</i> , 1992 , 56, 19-28	7	403
747	Weight management using a meal replacement strategy: meta and pooling analysis from six studies. <i>International Journal of Obesity</i> , 2003 , 27, 537-49	5.5	397
746	Comparisons of waist circumferences measured at 4 sites. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 379-84	7	396

745	Energy balance and its components: implications for body weight regulation. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 989-94	7	374
744	Body composition estimates from NHANES III bioelectrical impedance data. <i>International Journal of Obesity</i> , 2002 , 26, 1596-609	5.5	347
743	Energy balance measurement: when something is not better than nothing. <i>International Journal of Obesity</i> , 2015 , 39, 1109-13	5.5	338
742	Accurate measurement of liver, kidney, and spleen volume and mass by computerized axial tomography. <i>Annals of Internal Medicine</i> , 1979 , 90, 185-7	8	337
741	Myths, presumptions, and facts about obesity. <i>New England Journal of Medicine</i> , 2013 , 368, 446-54	59.2	329
740	Human body composition: advances in models and methods. <i>Annual Review of Nutrition</i> , 1997 , 17, 527-58.	9	314
739	Adipose tissue quantification by imaging methods: a proposed classification. <i>Obesity</i> , 2003 , 11, 5-16		307
738	Lean tissue imaging: a new era for nutritional assessment and intervention. <i>Journal of Parenteral and Enteral Nutrition</i> , 2014 , 38, 940-53	4.2	302
737	Use of dual-energy x-ray absorptiometry in body-composition studies: not yet a "gold standard". <i>American Journal of Clinical Nutrition</i> , 1993 , 58, 589-91	7	300
736	Weight stability masks sarcopenia in elderly men and women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E366-75	6	298
735	Low dose leptin administration reverses effects of sustained weight-reduction on energy expenditure and circulating concentrations of thyroid hormones. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 2391-4	5.6	294
734	Bioelectrical impedance analysis: population reference values for phase angle by age and sex. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 49-52	7	287
733	Hydration of fat-free body mass: review and critique of a classic body-composition constant. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 833-41	7	280
732	Waist circumference and cardiometabolic risk: a consensus statement from Shaping America® Health: Association for Weight Management and Obesity Prevention; NAASO, The Obesity Society; the American Society for Nutrition; and the American Diabetes Association. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1107-20	7	266
731	Waist circumference and cardiometabolic risk: a consensus statement from shaping America® health: Association for Weight Management and Obesity Prevention; NAASO, the Obesity Society; the American Society for Nutrition; and the American Diabetes Association. <i>Diabetes Care</i> , 2007 , 30, 1647-52	14.6	260
730	Fat distribution in men with HIV infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005 , 40, 121-31	3.1	257
729	Waist Circumference and Cardiometabolic Risk: a Consensus Statement from Shaping America® Health: Association for Weight Management and Obesity Prevention; NAASO, the Obesity Society; the American Society for Nutrition; and the American Diabetes Association. <i>Obesity</i> , 2007 , 15, 1061-7	8	253
728	New bioimpedance analysis system: improved phenotyping with whole-body analysis. <i>European Journal of Clinical Nutrition</i> , 2004 , 58, 1479-84	5.2	253

727	Human body composition and the epidemiology of chronic disease. <i>Obesity</i> , 1995 , 3, 73-95		253
726	Protein-calorie undernutrition in hospitalized cancer patients. <i>American Journal of Medicine</i> , 1980 , 68, 683-90	2.4	253
725	Bioelectrical impedance analysis: population reference values for phase angle by age and sex. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 49-52	7	251
724	Effects of weight loss with orlistat on glucose tolerance and progression to type 2 diabetes in obese adults. <i>Archives of Internal Medicine</i> , 2000 , 160, 1321-6		250
723	Visceral adipose tissue: relations between single-slice areas and total volume. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 271-8	7	246
722	Adipose tissue in muscle: a novel depot similar in size to visceral adipose tissue. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 903-10	7	245
721	Specific metabolic rates of major organs and tissues across adulthood: evaluation by mechanistic model of resting energy expenditure. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1369-77	7	244
720	Changes in childhood food consumption patterns: a cause for concern in light of increasing body weights. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 1068-73	7	237
719	Enteral hyperalimentation: an alternative to central venous hyperalimentation. <i>Annals of Internal Medicine</i> , 1979 , 90, 63-71	8	236
718	Waist circumference and abdominal adipose tissue distribution: influence of age and sex. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1330-4	7	233
717	Body composition of humans: comparison of two improved four-compartment models that differ in expense, technical complexity, and radiation exposure. <i>American Journal of Clinical Nutrition</i> , 1990 , 52, 52-8	7	233
716	Sarcopenia and increased adipose tissue infiltration of muscle in elderly African American women. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 874-80	7	228
715	Differences in skeletal muscle and bone mineral mass between black and white females and their relevance to estimates of body composition. <i>American Journal of Clinical Nutrition</i> , 1992 , 55, 8-13	7	228
714	Larger amounts of visceral adipose tissue in Asian Americans. <i>Obesity</i> , 2001 , 9, 381-7		226
713	Metabolic syndrome in normal-weight Americans: new definition of the metabolically obese, normal-weight individual. <i>Diabetes Care</i> , 2004 , 27, 2222-8	14.6	221
712	Dual-photon absorptiometry: comparison of bone mineral and soft tissue mass measurements in vivo with established methods. <i>American Journal of Clinical Nutrition</i> , 1989 , 49, 1283-9	7	219
711	Garcinia cambogia (hydroxycitric acid) as a potential antiobesity agent: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 1998 , 280, 1596-600	27.4	213
710	Organ-tissue mass measurement allows modeling of REE and metabolically active tissue mass. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 275, E249-58	6	212

709	Skeletal muscle mass: evaluation of neutron activation and dual-energy X-ray absorptiometry methods. <i>Journal of Applied Physiology</i> , 1996 , 80, 824-31	3.7	212
708	Evidence for prospective associations among depression and obesity in population-based studies. <i>Obesity Reviews</i> , 2011 , 12, e438-53	10.6	207
707	Bioimpedance analysis: evaluation of leg-to-leg system based on pressure contact footpad electrodes. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 524-31	1.2	205
706	Treatment of Parkinson disease with diet-induced hyperketonemia: a feasibility study. <i>Neurology</i> , 2005 , 64, 728-30	6.5	203
705	Race-ethnicity-specific waist circumference cutoffs for identifying cardiovascular disease risk factors. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 409-15	7	202
704	Anorexia nervosa and sudden death. <i>Annals of Internal Medicine</i> , 1985 , 102, 49-52	8	200
703	Human energy requirements: overestimation by widely used prediction equation. <i>American Journal of Clinical Nutrition</i> , 1985 , 42, 1170-4	7	196
702	Skeletal muscle mass and quality: evolution of modern measurement concepts in the context of sarcopenia. <i>Proceedings of the Nutrition Society</i> , 2015 , 74, 355-66	2.9	195
701	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
700	Serum creatinine as a marker of muscle mass in chronic kidney disease: results of a cross-sectional study and review of literature. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013 , 4, 19-29	10.3	193
699	Body composition in elderly people: effect of criterion estimates on predictive equations. <i>American Journal of Clinical Nutrition</i> , 1991 , 53, 1345-53	7	193
698	Obesity: Pathophysiology and Management. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 69-84	15.1	192
697	Measurement of liver and spleen volume by computed tomography. Assessment of reproducibility and changes found following a selective distal splenorenal shunt. <i>Radiology</i> , 1981 , 141, 525-7	20.5	192
696	Dual-energy X-ray absorptiometry body composition model: review of physical concepts. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1996 , 271, E941-51	6	189
695	Obesity paradox in cancer: new insights provided by body composition. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 999-1005	7	181
694	The acyclic CB1R inverse agonist taranabant mediates weight loss by increasing energy expenditure and decreasing caloric intake. <i>Cell Metabolism</i> , 2008 , 7, 68-78	24.6	181
693	Lifestyle behaviors associated with lower risk of having the metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 1503-11	12.7	181
692	Muscle mass: reliable indicator of protein-energy malnutrition severity and outcome. <i>American Journal of Clinical Nutrition</i> , 1982 , 35, 1192-9	7	181

691	Effects of an oral ghrelin mimetic on body composition and clinical outcomes in healthy older adults: a randomized trial. <i>Annals of Internal Medicine</i> , 2008 , 149, 601-11	8	176
690	MRI-measured bone marrow adipose tissue is inversely related to DXA-measured bone mineral in Caucasian women. <i>Osteoporosis International</i> , 2007 , 18, 641-7	5.3	175
689	Weight loss increases and fat loss decreases all-cause mortality rate: results from two independent cohort studies. <i>International Journal of Obesity</i> , 1999 , 23, 603-11	5.5	174
688	Sarcopenia: A Time for Action. An SCWD Position Paper. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 956-961	10.3	171
687	Waist circumference correlates with metabolic syndrome indicators better than percentage fat. <i>Obesity</i> , 2006 , 14, 727-36	8	168
686	Body-size dependence of resting energy expenditure can be attributed to nonenergetic homogeneity of fat-free mass. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E132-8	6	168
685	Measurement of percentage of body fat in 411 children and adolescents: a comparison of dual-energy X-ray absorptiometry with a four-compartment model. <i>Pediatrics</i> , 2004 , 113, 1285-90	7.4	167
684	Why are there race/ethnic differences in adult body mass index-adiposity relationships? A quantitative critical review. <i>Obesity Reviews</i> , 2016 , 17, 262-75	10.6	166
683	Challenges and opportunities of defining clinical leptin resistance. <i>Cell Metabolism</i> , 2012 , 15, 150-6	24.6	166
682	Effects of experimental weight perturbation on skeletal muscle work efficiency in human subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 285, R183-92	3.2	166
681	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, 835-47	10.6	165
680	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. <i>Obesity</i> , 2013 , 21, 2264-71	8	164
679	Why do obese patients not lose more weight when treated with low-calorie diets? A mechanistic perspective. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 346-54	7	163
678	An herbal supplement containing Ma Huang-Guarana for weight loss: a randomized, double-blind trial. <i>International Journal of Obesity</i> , 2001 , 25, 316-24	5.5	162
677	Neuropeptide Y5 receptor antagonism does not induce clinically meaningful weight loss in overweight and obese adults. <i>Cell Metabolism</i> , 2006 , 4, 275-82	24.6	159
676	Cardiac abnormalities in cachectic patients before and during nutritional repletion. <i>American Heart Journal</i> , 1978 , 95, 584-94	4.9	157
675	Recombinant variant of ciliary neurotrophic factor for weight loss in obese adults: a randomized, dose-ranging study. <i>JAMA - Journal of the American Medical Association</i> , 2003 , 289, 1826-32	27.4	156
674	Advanced body composition assessment: from body mass index to body composition profiling. <i>Journal of Investigative Medicine</i> , 2018 , 66, 1-9	2.9	150

673	Moderate energy restriction increases bone resorption in obese postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 347-52	7	150
672	Scaling of human body composition to stature: new insights into body mass index. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 82-91	7	146
671	Sleep duration associated with mortality in elderly, but not middle-aged, adults in a large US sample. <i>Sleep</i> , 2008 , 31, 1087-96	1.1	145
670	Echocardiographic study of cardiac dimensions and function in the endurance-trained athlete. <i>American Journal of Cardiology</i> , 1977 , 40, 528-33	3	143
669	A survey of the genetics of stomach, liver, and adipose gene expression from a morbidly obese cohort. <i>Genome Research</i> , 2011 , 21, 1008-16	9.7	141
668	Phase angle and its determinants in healthy subjects: influence of body composition. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 712-6	7	137
667	Self-report-based estimates of energy intake offer an inadequate basis for scientific conclusions. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1413-5	7	137
666	Body mass index and all-cause mortality among people age 70 and over: the Longitudinal Study of Aging. <i>International Journal of Obesity</i> , 1997 , 21, 424-31	5.5	137
665	Are dual-energy X-ray absorptiometry regional estimates associated with visceral adipose tissue mass?. <i>International Journal of Obesity</i> , 2002 , 26, 978-83	5.5	136
664	Effect of calcium supplementation on weight and fat loss in women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 632-7	5.6	135
663	Intentional weight loss and changes in symptoms of depression: a systematic review and meta-analysis. <i>International Journal of Obesity</i> , 2011 , 35, 1363-76	5.5	134
662	Intermuscular adipose tissue-free skeletal muscle mass: estimation by dual-energy X-ray absorptiometry in adults. <i>Journal of Applied Physiology</i> , 2004 , 97, 655-60	3.7	134
661	Ethnicity-related skeletal muscle differences across the lifespan. <i>American Journal of Human Biology</i> , 2010 , 22, 76-82	2.7	133
660	Comparison of dual-energy x-ray absorptiometric and anthropometric measures of adiposity in relation to adiposity-related biologic factors. <i>American Journal of Epidemiology</i> , 2010 , 172, 1442-54	3.8	131
659	Efficacy and safety of intranasal peptide YY3-36 for weight reduction in obese adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1754-7	5.6	130
658	Is percentage body fat differentially related to body mass index in Hispanic Americans, African Americans, and European Americans?. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 71-5	7	129
657	Diurnal variation in biliary lipid composition. Possible role in cholesterol gallstone formation. <i>New England Journal of Medicine</i> , 1973 , 288, 333-6	59.2	129
656	Resting energy expenditure-fat-free mass relationship: new insights provided by body composition modeling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E539-45	6	128

655	Body composition by DXA. <i>Bone</i> , 2017 , 104, 101-105	4.7	127
654	Obesity as a Disease: The Obesity Society 2018 Position Statement. <i>Obesity</i> , 2019 , 27, 7-9	8	125
653	Percentage of body fat cutoffs by sex, age, and race-ethnicity in the US adult population from NHANES 1999-2004. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 594-602	7	124
652	Six-compartment body composition model: inter-method comparisons of total body fat measurement. <i>International Journal of Obesity</i> , 1998 , 22, 329-37	5.5	124
651	Weight loss composition is one-fourth fat-free mass: a critical review and critique of this widely cited rule. <i>Obesity Reviews</i> , 2014 , 15, 310-21	10.6	122
650	Weighing the Evidence of Common Beliefs in Obesity Research. <i>Critical Reviews in Food Science and Nutrition</i> , 2015 , 55, 2014-53	11.5	119
649	Assessing skeletal muscle mass: historical overview and state of the art. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2014 , 5, 9-18	10.3	118
648	A novel soy-based meal replacement formula for weight loss among obese individuals: a randomized controlled clinical trial. <i>European Journal of Clinical Nutrition</i> , 2003 , 57, 514-22	5.2	118
647	Fat distribution in HIV-infected patients reporting truncal enlargement quantified by whole-body magnetic resonance imaging. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 1162-9	7	118
646	Missing data in randomized clinical trials for weight loss: scope of the problem, state of the field, and performance of statistical methods. <i>PLoS ONE</i> , 2009 , 4, e6624	3.7	116
645	Effects of strength or aerobic training on body composition, resting metabolic rate, and peak oxygen consumption in obese dieting subjects. <i>American Journal of Clinical Nutrition</i> , 1997 , 66, 557-63	7	115
644	Contribution of individual organ mass loss to weight loss-associated decline in resting energy expenditure. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 993-1001	7	114
643	Combination of BMI and Waist Circumference for Identifying Cardiovascular Risk Factors in Whites. <i>Obesity</i> , 2004 , 12, 633-45		114
642	Enteral alimentation and repletion of body cell mass in malnourished patients with acquired immunodeficiency syndrome. <i>American Journal of Clinical Nutrition</i> , 1991 , 53, 149-54	7	114
641	Relationships in men of sex hormones, insulin, adiposity, and risk factors for myocardial infarction. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 784-90	12.7	112
640	The reconstruction of Kleiber's law at the organ-tissue level. <i>Journal of Nutrition</i> , 2001 , 131, 2967-70	4.1	112
639	A radiographic method of quantifying protein-calorie undernutrition. <i>American Journal of Clinical Nutrition</i> , 1979 , 32, 693-702	7	112
638	Dual-energy X-ray absorptiometry is a valid tool for assessing skeletal muscle mass in older women. <i>Journal of Nutrition</i> , 2007 , 137, 2775-80	4.1	111

637	Can bioelectrical impedance analysis identify malnutrition in preoperative nutrition assessment?. <i>Nutrition</i> , 2003 , 19, 422-6	4.8	111
636	Total-body skeletal muscle mass: evaluation of 24-h urinary creatinine excretion by computerized axial tomography. <i>American Journal of Clinical Nutrition</i> , 1996 , 63, 863-9	7	109
635	Body composition in children and adults by air displacement plethysmography. <i>European Journal of Clinical Nutrition</i> , 1999 , 53, 382-7	5.2	108
634	Predictors of attrition and weight loss success: Results from a randomized controlled trial. <i>Behaviour Research and Therapy</i> , 2009 , 47, 685-91	5.2	107
633	Body fat and water changes during pregnancy in women with different body weight and weight gain. <i>Obstetrics and Gynecology</i> , 1997 , 90, 483-8	4.9	107
632	Effects of Time-Restricted Eating on Weight Loss and Other Metabolic Parameters in Women and Men With Overweight and Obesity: The TREAT Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2020 , 180, 1491-1499	11.5	107
631	Calcium supplementation suppresses bone turnover during weight reduction in postmenopausal women. <i>Journal of Bone and Mineral Research</i> , 1998 , 13, 1045-50	6.3	106
630	Validity of methods of body composition assessment in young and older men and women. <i>Journal of Applied Physiology</i> , 1999 , 86, 1728-38	3.7	106
629	Prevalence of growth hormone deficiency in children with cleft lip or palate. <i>Journal of Pediatrics</i> , 1978 , 93, 378-82	3.6	105
628	Tri-Ponderal Mass Index vs Body Mass Index in Estimating Body Fat During Adolescence. <i>JAMA Pediatrics</i> , 2017 , 171, 629-636	8.3	104
627	The body adiposity index (hip circumference ÷ height ^{1.5}) is not a more accurate measure of adiposity than is BMI, waist circumference, or hip circumference. <i>Obesity</i> , 2012 , 20, 2438-44	8	104
626	Standardization of nomenclature of body composition in weight loss. <i>American Journal of Clinical Nutrition</i> , 1997 , 66, 192-6	7	101
625	Air displacement plethysmography: validation in overweight and obese subjects. <i>Obesity</i> , 2005 , 13, 1232-7		101
624	Insomnia and sleep duration as mediators of the relationship between depression and hypertension incidence. <i>American Journal of Hypertension</i> , 2010 , 23, 62-9	2.3	100
623	Canaries in the coal mine: a cross-species analysis of the plurality of obesity epidemics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 1626-32	4.4	100
622	Effects of obesity on QT, RR, and QTc intervals. <i>American Journal of Cardiology</i> , 1995 , 75, 956-9	3	98
621	Abdominal composition quantified by computed tomography. <i>American Journal of Clinical Nutrition</i> , 1988 , 48, 936-45	7	98
620	Body composition in elderly subjects: a critical appraisal of clinical methodology. <i>American Journal of Clinical Nutrition</i> , 1989 , 50, 1167-75; discussion 1231-5	7	97

619	Association of upper trunk and visceral adipose tissue volume with insulin resistance in control and HIV-infected subjects in the FRAM study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007 , 46, 283-90	3.1	95
618	Bone turnover and density in obese premenopausal women during moderate weight loss and calcium supplementation. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 1329-36	6.3	95
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