

# Dympna Gallagher

## 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.

215 papers	21,088 citations	65 h-index	144 g-index
225 ext. papers	23,618 ext. citations	5.1 avg, IF	6.41 L-index

#	Paper	IF	Citations
215	Epidemiology of sarcopenia among the elderly in New Mexico. <i>American Journal of Epidemiology</i> , <b>1998</b> , 147, 755-63	3.8	2691
214	Healthy percentage body fat ranges: an approach for developing guidelines based on body mass index. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 72, 694-701	7	1115
213	How useful is body mass index for comparison of body fatness across age, sex, and ethnic groups?. <i>American Journal of Epidemiology</i> , <b>1996</b> , 143, 228-39	3.8	1017
212	Total body skeletal muscle and adipose tissue volumes: estimation from a single abdominal cross-sectional image. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 2333-8	3.7	953
211	Cadaver validation of skeletal muscle measurement by magnetic resonance imaging and computerized tomography. <i>Journal of Applied Physiology</i> , <b>1998</b> , 85, 115-22	3.7	949
210	Body mass index as a measure of adiposity among children and adolescents: a validation study. <i>Journal of Pediatrics</i> , <b>1998</b> , 132, 204-10	3.6	665
209	Appendicular skeletal muscle mass: effects of age, gender, and ethnicity. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 229-39	3.7	650
208	Sarcopenic obesity predicts instrumental activities of daily living disability in the elderly. <i>Obesity</i> , <b>2004</b> , 12, 1995-2004		612
207	Predictors of skeletal muscle mass in elderly men and women. <i>Mechanisms of Ageing and Development</i> , <b>1999</b> , 107, 123-36	5.6	590
206	Total-body skeletal muscle mass: estimation by a new dual-energy X-ray absorptiometry method. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 76, 378-83	7	485
205	Effects of gender, body composition, and menopause on plasma concentrations of leptin. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1996</b> , 81, 3424-3427	5.6	446
204	Low-dose leptin reverses skeletal muscle, autonomic, and neuroendocrine adaptations to maintenance of reduced weight. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 3579-86	15.9	417
203	Comparisons of waist circumferences measured at 4 sites. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 379-84	7	396
202	Assessment methods in human body composition. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2008</b> , 11, 566-72	3.8	382
201	Weight stability masks sarcopenia in elderly men and women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E366-75	6	298
200	Visceral adipose tissue: relations between single-slice areas and total volume. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 80, 271-8	7	246
199	Adipose tissue in muscle: a novel depot similar in size to visceral adipose tissue. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 81, 903-10	7	245

198	Sarcopenia and increased adipose tissue infiltration of muscle in elderly African American women. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 79, 874-80	7	228
197	Body composition changes with aging: the cause or the result of alterations in metabolic rate and macronutrient oxidation?. <i>Nutrition</i> , <b>2010</b> , 26, 152-5	4.8	226
196	Larger amounts of visceral adipose tissue in Asian Americans. <i>Obesity</i> , <b>2001</b> , 9, 381-7		226
195	Organ-tissue mass measurement allows modeling of REE and metabolically active tissue mass. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1998</b> , 275, E249-58	6	212
194	Skeletal muscle mass: evaluation of neutron activation and dual-energy X-ray absorptiometry methods. <i>Journal of Applied Physiology</i> , <b>1996</b> , 80, 824-31	3.7	212
193	Bioimpedance analysis: evaluation of leg-to-leg system based on pressure contact footpad electrodes. <i>Medicine and Science in Sports and Exercise</i> , <b>1997</b> , 29, 524-31	1.2	205
192	Waist circumference correlates with metabolic syndrome indicators better than percentage fat. <i>Obesity</i> , <b>2006</b> , 14, 727-36	8	168
191	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> , <b>2002</b> , 282, E132-8	6	168
190	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. <i>Obesity</i> , <b>2013</b> , 21, 2264-71	8	164
189	Scaling of human body composition to stature: new insights into body mass index. <i>American Journal of Clinical Nutrition</i> , <b>2007</b> , 86, 82-91	7	146
188	Adipose tissue distribution is different in type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 807-14	7	139
187	Phase angle and its determinants in healthy subjects: influence of body composition. <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 712-6	7	137
186	Are dual-energy X-ray absorptiometry regional estimates associated with visceral adipose tissue mass?. <i>International Journal of Obesity</i> , <b>2002</b> , 26, 978-83	5.5	136
185	Effects of contingent television on physical activity and television viewing in obese children. <i>Pediatrics</i> , <b>2001</b> , 107, 1043-8	7.4	136
184	Intermuscular adipose tissue-free skeletal muscle mass: estimation by dual-energy X-ray absorptiometry in adults. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 655-60	3.7	134
183	Ethnicity-related skeletal muscle differences across the lifespan. <i>American Journal of Human Biology</i> , <b>2010</b> , 22, 76-82	2.7	133
182	Body composition changes in stable-weight elderly subjects: the effect of sex. <i>Aging Clinical and Experimental Research</i> , <b>2003</b> , 15, 321-7	4.8	133
181	Independent association of insulin resistance with larger amounts of intermuscular adipose tissue and a greater acute insulin response to glucose in African American than in white nondiabetic women. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 82, 1210-7	7	132

180	Sex and race differences in fat distribution among Asian, African-American, and Caucasian prepubertal children. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 2164-70	5.6	131
179	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> , <b>2003</b> , 77, 71-5	7	129
178	Resting energy expenditure-fat-free mass relationship: new insights provided by body composition modeling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E539-45	6	128
177	What makes a BIA equation unique? Validity of eight-electrode multifrequency BIA to estimate body composition in a healthy adult population. <i>European Journal of Clinical Nutrition</i> , <b>2013</b> , 67 Suppl 1, S14-21	5.2	124
176	Intermuscular adipose tissue rivals visceral adipose tissue in independent associations with cardiovascular risk. <i>International Journal of Obesity</i> , <b>2007</b> , 31, 1400-5	5.5	108
175	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> , <b>2012</b> , 20, 2438-44	8	104
174	Effects of experimental weight perturbation on skeletal muscle work efficiency, fuel utilization, and biochemistry in human subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 298, R79-88	3.2	104
173	Quantification of whole-body and segmental skeletal muscle mass using phase-sensitive 8-electrode medical bioelectrical impedance devices. <i>European Journal of Clinical Nutrition</i> , <b>2017</b> , 71, 1061-1067	5.2	100
172	Brain and high metabolic rate organ mass: contributions to resting energy expenditure beyond fat-free mass. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 907-12	7	100
171	Current body composition measurement techniques. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2017</b> , 24, 310-314	4	98
170	Effects of obesity on QT, RR, and QTc intervals. <i>American Journal of Cardiology</i> , <b>1995</b> , 75, 956-9	3	98
169	Body Mass Index and Risk for Intubation or Death in SARS-CoV-2 Infection : A Retrospective Cohort Study. <i>Annals of Internal Medicine</i> , <b>2020</b> , 173, 782-790	8	95
168	Validation of a 3-dimensional photonic scanner for the measurement of body volumes, dimensions, and percentage body fat. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 83, 809-16	7	94
167	Total-body skeletal muscle mass: estimation by dual-energy X-ray absorptiometry in children and adolescents. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 84, 1014-20	7	93
166	Femoral-gluteal subcutaneous and intermuscular adipose tissues have independent and opposing relationships with CVD risk. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 700-7	3.7	89
165	Small organs with a high metabolic rate explain lower resting energy expenditure in African American than in white adults. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 83, 1062-7	7	89
164	Body fat redistribution after weight gain in women with anorexia nervosa. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 81, 1286-91	7	88
163	Sexual dimorphism of adipose tissue distribution across the lifespan: a cross-sectional whole-body magnetic resonance imaging study. <i>Nutrition and Metabolism</i> , <b>2009</b> , 6, 17	4.6	87

162	Comparison of visceral adipose tissue mass in adult African Americans and whites. <i>Obesity</i> , <b>2005</b> , 13, 66-74		86
161	Techniques used in the measurement of body composition: an overview with emphasis on bioelectrical impedance analysis. <i>American Journal of Clinical Nutrition</i> , <b>1996</b> , 64, 478S-484S	7	85
160	MRI-measured pelvic bone marrow adipose tissue is inversely related to DXA-measured bone mineral in younger and older adults. <i>European Journal of Clinical Nutrition</i> , <b>2012</b> , 66, 983-8	5.2	84
159	Higher infant body fat with excessive gestational weight gain in overweight women. <i>American Journal of Obstetrics and Gynecology</i> , <b>2011</b> , 205, 211.e1-7	6.4	83
158	Lower visceral and subcutaneous but higher intermuscular adipose tissue depots in patients with growth hormone and insulin-like growth factor I excess due to acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 2334-43	5.6	81
157	Body composition changes in pregnancy: measurement, predictors and outcomes. <i>European Journal of Clinical Nutrition</i> , <b>2014</b> , 68, 643-52	5.2	77
156	MRI brain image segmentation by multi-resolution edge detection and region selection. <i>Computerized Medical Imaging and Graphics</i> , <b>2000</b> , 24, 349-57	7.6	76
155	Body cell mass: model development and validation at the cellular level of body composition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E123-8	6	70
154	Visceral adipose tissue: relationships between single slice areas at different locations and obesity-related health risks. <i>International Journal of Obesity</i> , <b>2007</b> , 31, 763-9	5.5	69
153	Effects of whey protein and resistance exercise on body cell mass, muscle strength, and quality of life in women with HIV. <i>Aids</i> , <b>2001</b> , 15, 2431-40	3.5	68
152	Nutrition therapy of the severely obese, critically ill patient: summation of conclusions and recommendations. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2011</b> , 35, 88S-96S	4.2	67
151	iDXA, Prodigy, and DPXL dual-energy X-ray absorptiometry whole-body scans: a cross-calibration study. <i>Journal of Clinical Densitometry</i> , <b>2009</b> , 12, 95-102	3.5	67
150	Ectopic lipid accumulation and reduced glucose tolerance in elderly adults are accompanied by altered skeletal muscle mitochondrial activity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 242-50	5.6	65
149	Menopausal changes in body composition and energy expenditure. <i>Experimental Gerontology</i> , <b>1994</b> , 29, 377-89	4.5	64
148	Smaller organ tissue mass in the elderly fails to explain lower resting metabolic rate. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 904, 449-55	6.5	63
147	Trunk fat and blood pressure in children through puberty. <i>Circulation</i> , <b>2002</b> , 105, 1093-8	16.7	62
146	Weight loss in postmenopausal obesity: no adverse alterations in body composition and protein metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2000</b> , 279, E124-31	6	62
145	Lifestyle Interventions Limit Gestational Weight Gain in Women with Overweight or Obesity: LIFE-Moms Prospective Meta-Analysis. <i>Obesity</i> , <b>2018</b> , 26, 1396-1404	8	62

144	Body composition during fetal development and infancy through the age of 5 years. <i>European Journal of Clinical Nutrition</i> , <b>2015</b> , 69, 1279-89	5.2	60
143	Pencil-beam vs fan-beam dual-energy X-ray absorptiometry comparisons across four systems: body composition and bone mineral. <i>Journal of Clinical Densitometry</i> , <b>2004</b> , 7, 281-9	3.5	58
142	Total body potassium differs by sex and race across the adult age span. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 78, 72-7	7	56
141	Differences between young and old females in the five levels of body composition and their relevance to the two-compartment chemical model. <i>Journal of Gerontology</i> , <b>1994</b> , 49, M201-8		51
140	Improved diabetic control in advanced heart failure patients treated with left ventricular assist devices. <i>European Journal of Heart Failure</i> , <b>2011</b> , 13, 195-9	12.3	49
139	Muscle distribution: variations with body weight, gender, and age. <i>Applied Radiation and Isotopes</i> , <b>1998</b> , 49, 733-4	1.7	49
138	Larger mass of high-metabolic-rate organs does not explain higher resting energy expenditure in children. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 77, 1506-11	7	49
137	DXA: potential for creating a metabolic map of organ-tissue resting energy expenditure components. <i>Obesity</i> , <b>2002</b> , 10, 969-77		49
136	Fat-free mass index: changes and race/ethnic differences in adulthood. <i>International Journal of Obesity</i> , <b>2011</b> , 35, 121-7	5.5	48
135	Truncal fat in relation to total body fat: influences of age, sex, ethnicity and fatness. <i>International Journal of Obesity</i> , <b>2007</b> , 31, 1384-91	5.5	47
134	A cellular-level approach to predicting resting energy expenditure across the adult years. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 81, 799-806	7	47
133	Advances in the science and application of body composition measurement. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2012</b> , 36, 96-107	4.2	45
132	QTc interval (cardiac repolarization): lengthening after meals. <i>Obesity</i> , <b>1997</b> , 5, 531-7		45
131	Body circumferences: clinical implications emerging from a new geometric model. <i>Nutrition and Metabolism</i> , <b>2008</b> , 5, 24	4.6	44
130	Body-composition differences between African American and white women: relation to resting energy requirements. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 79, 780-6	7	44
129	Smaller organ mass with greater age, except for heart. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1780-4	3.7	43
128	Estimating whole body intermuscular adipose tissue from single cross-sectional magnetic resonance images. <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 748-54	3.7	43
127	Sex-specific fat distribution is not linear across pubertal groups in a multiethnic study. <i>Obesity</i> , <b>2004</b> , 12, 725-33		43



126	High-resolution magnetic resonance imaging tracks changes in organ and tissue mass in obese and aging rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 282, R890-9	3.2	43
125	Metabolically active component of fat-free body mass: influences of age, adiposity, and gender. <i>Metabolism: Clinical and Experimental</i> , <b>1996</b> , 45, 992-7	12.7	43
124	Derivation and validation of simple equations to predict total muscle mass from simple anthropometric and demographic data. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 1041-51	7	42
123	MRI assessment of lean and adipose tissue distribution in female patients with Cushing's disease. <i>Clinical Endocrinology</i> , <b>2010</b> , 73, 469-75	3.4	42
122	Design of lifestyle intervention trials to prevent excessive gestational weight gain in women with overweight or obesity. <i>Obesity</i> , <b>2016</b> , 24, 305-13	8	42
121	Excessive gestational weight gain is associated with long-term body fat and weight retention at 7 y postpartum in African American and Dominican mothers with underweight, normal, and overweight prepregnancy BMI. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1460-7	7	41
120	Validity of bioelectrical impedance analysis for measuring changes in body water and percent fat after bariatric surgery. <i>Obesity Surgery</i> , <b>2014</b> , 24, 847-54	3.7	41
119	Skeletal muscle mass in acromegaly assessed by magnetic resonance imaging and dual-photon x-ray absorptiometry. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 2880-6	5.6	40
118	Changes in adipose tissue depots and metabolic markers following a 1-year diet and exercise intervention in overweight and obese patients with type 2 diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 3325-32	14.6	38
117	Quantitative magnetic resonance fat measurements in humans correlate with established methods but are biased. <i>Obesity</i> , <b>2010</b> , 18, 2047-54	8	37
116	Body composition (sarcopenia) in obese patients: implications for care in the intensive care unit. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2011</b> , 35, 215-8S	4.2	37
115	Adipose tissue distribution after weight restoration and weight maintenance in women with anorexia nervosa. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 1132-7	7	37
114	Adipose Tissue Redistribution and Ectopic Lipid Deposition in Active Acromegaly and Effects of Surgical Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2946-55	5.6	36
113	Continued loss in visceral and intermuscular adipose tissue in weight-stable women following bariatric surgery. <i>Obesity</i> , <b>2015</b> , 23, 62-9	8	36
112	An anthropometric model to estimate neonatal fat mass using air displacement plethysmography. <i>Nutrition and Metabolism</i> , <b>2012</b> , 9, 21	4.6	35
111	Unexplained disturbance in body weight regulation: diagnostic outcome assessed by doubly labeled water and body composition analyses in obese patients reporting low energy intakes. <i>Journal of the American Dietetic Association</i> , <b>1995</b> , 95, 1393-400; quiz 1401-2		34
110	Fat-Free Mass and Skeletal Muscle Mass Five Years After Bariatric Surgery. <i>Obesity</i> , <b>2018</b> , 26, 1130-1136	8	34
109	Effects of weight loss and leptin on skeletal muscle in human subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 301, R1259-66	3.2	33

108	Serum iron and body fat distribution in a multiethnic cohort of adults living in New York City. <i>Journal of the American Dietetic Association</i> , <b>2006</b> , 106, 680-4		33
107	Does percent body fat predict outcome in anorexia nervosa?. <i>American Journal of Psychiatry</i> , <b>2007</b> , 164, 970-2	11.9	33
106	Body fat distribution before and after weight gain in anorexia nervosa. <i>International Journal of Obesity</i> , <b>1997</b> , 21, 33-6	5.5	32
105	Bioimpedance analysis: potential for measuring lower limb skeletal muscle mass. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>1999</b> , 23, 96-103	4.2	32
104	Optimal scaling of weight and waist circumference to height for maximal association with DXA-measured total body fat mass by sex, age and race/ethnicity. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 1154-60	5.5	31
103	Differentiating SIADH from Cerebral/Renal Salt Wasting: Failure of the Volume Approach and Need for a New Approach to Hyponatremia. <i>Journal of Clinical Medicine</i> , <b>2014</b> , 3, 1373-85	5.1	30
102	Predicting fat percent by skinfolds in racial groups: Durnin and Womersley revisited. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 542-9	1.2	29
101	Elderly Mexicans have less muscle and greater total and truncal fat compared to African-Americans and Caucasians with the same BMI. <i>Journal of Nutrition, Health and Aging</i> , <b>2009</b> , 13, 919-23	5.2	29
100	Metabolically active portion of fat-free mass: a cellular body composition level modeling analysis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E49-53	6	29
99	Measurement of skeletal muscle: laboratory and epidemiological methods. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>1995</b> , 50 Spec No, 23-9	6.4	29
98	Density of fat-free body mass: relationship with race, age, and level of body fatness. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1997</b> , 272, E781-7	6	28
97	Sex and Race Differences in Fat Distribution among Asian, African-American, and Caucasian Prepubertal Children		28
96	Korean and Caucasian overweight premenopausal women have different relationship of body mass index to percent body fat with age. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 103-7	3.7	27
95	Heart rate variability in smokers, sedentary and aerobically fit individuals. <i>Clinical Autonomic Research</i> , <b>1992</b> , 2, 383-7	4.3	26
94	Changes in skeletal muscle and organ size after a weight-loss intervention in overweight and obese type 2 diabetic patients. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 78-84	7	25
93	Electrocardiographic QTC interval: short-term weight loss effects. <i>International Journal of Obesity</i> , <b>1997</b> , 21, 110-4	5.5	25
92	Regional body volumes, BMI, waist circumference, and percentage fat in severely obese adults. <i>Obesity</i> , <b>2007</b> , 15, 2688-98	8	25
91	Comparison of the relationship between bone marrow adipose tissue and volumetric bone mineral density in children and adults. <i>Journal of Clinical Densitometry</i> , <b>2014</b> , 17, 163-9	3.5	24



90	The Pattern of Gestational Weight Gain is Associated with Changes in Maternal Body Composition and Neonatal Size. <i>Maternal and Child Health Journal</i> , <b>2015</b> , 19, 2286-94	2.4	23
89	Relationship between body mass index and adiposity in prepubertal children: ethnic and geographic comparisons between New York City and Jinan City (China). <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 488-93	3.7	23
88	Prepubertal Asians have less limb skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 2285-91	3.7	23
87	Serum magnesium and type-2 diabetes in African Americans and Hispanics: a New York cohort. <i>Journal of the American College of Nutrition</i> , <b>2006</b> , 25, 509-13	3.5	21
86	Ethnic and sex differences in bone marrow adipose tissue and bone mineral density relationship. <i>Osteoporosis International</i> , <b>2012</b> , 23, 2293-301	5.3	19
85	Relative overhydration of fat-free mass in postobese versus never-obese subjects. <i>Annals of the New York Academy of Sciences</i> , <b>2000</b> , 904, 514-9	6.5	19
84	Greater Neonatal Fat-Free Mass and Similar Fat Mass Following a Randomized Trial to Control Excess Gestational Weight Gain. <i>Obesity</i> , <b>2018</b> , 26, 578-587	8	18
83	Body fat differences by self-reported race/ethnicity in healthy term newborns. <i>Pediatric Obesity</i> , <b>2016</b> , 11, 361-8	4.6	18
82	Human energy expenditure: advances in organ-tissue prediction models. <i>Obesity Reviews</i> , <b>2018</b> , 19, 1177-1188	11.88	18
81	Magnetic resonance imaging-measured bone marrow adipose tissue area is inversely related to cortical bone area in children and adolescents aged 5-18 years. <i>Journal of Clinical Densitometry</i> , <b>2015</b> , 18, 203-8	3.5	17
80	Overweight and obesity BMI cut-offs and their relation to metabolic disorders in Koreans/Asians. <i>Obesity</i> , <b>2004</b> , 12, 440-1		17
79	Derivation and validation of simple anthropometric equations to predict adipose tissue mass and total fat mass with MRI as the reference method. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 1852-67	3.6	16
78	Skeletal muscle and organ masses differ in overweight adults with type 2 diabetes. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 377-82	3.7	16
77	Greater lean tissue and skeletal muscle mass are associated with higher bone mineral content in children. <i>Nutrition and Metabolism</i> , <b>2010</b> , 7, 41	4.6	16
76	Pencil-beam versus fan-beam dual-energy X-ray absorptiometry comparisons across four systems: appendicular lean soft tissue. <i>Acta Diabetologica</i> , <b>2003</b> , 40 Suppl 1, S83-5	3.9	16
75	Gestational weight gain and obesity, adiposity and body size in African-American and Dominican children in the Bronx and Northern Manhattan. <i>Maternal and Child Nutrition</i> , <b>2016</b> , 12, 918-28	3.4	16
74	Triiodothyronine and leptin repletion in humans similarly reverse weight-loss-induced changes in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E771-E779	6	15
73	Body composition analysis by air displacement plethysmography in normal weight to extremely obese adults. <i>Obesity</i> , <b>2014</b> , 22, 1078-84	8	15

72	Measuring partial body potassium in the arm versus total body potassium. <i>Journal of Applied Physiology</i> , <b>2006</b> , 101, 945-9	3.7	15
71	Upper extremity skeletal muscle mass: potential of measurement with single frequency bioimpedance analysis. <i>Applied Radiation and Isotopes</i> , <b>1998</b> , 49, 473-4	1.7	14
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26	No sustained effects of an intervention to prevent excessive GWG on offspring fat and lean mass at 54 weeks: Yet a greater head circumference persists. <i>Pediatric Obesity</i> , <b>2021</b> , 16, e12767	4.6	2
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22	Monochrome image representation and segmentation based on the pseudo-color and PCT transformations		1
21	Influence of Ethnicity on Obesity-Related Factors in Children and Adolescents <b>2005</b> , 35-51		1
20	How useful is waist circumference for assessment of abdominal obesity in Korean pre-menopausal women during weight loss?. <i>FASEB Journal</i> , <b>2008</b> , 22, 879.4	0.9	1
19	Measurement of central fat in prepubertal children: MRI, DXA and waist circumference. <i>FASEB Journal</i> , <b>2007</b> , 21, A689	0.9	1

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