Dympna Gallagher

List of Publications by Year
in descending order

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223 papers	26,340 citations	11608 70 h-index	6282 158 g-index
225 all docs	225 docs citations	225 times ranked	25716 citing authors

#	Article	IF	Citations
1	Epidemiology of Sarcopenia among the Elderly in New Mexico. American Journal of Epidemiology, 1998, 147, 755-763.	1.6	3,279
2	Healthy percentage body fat ranges: an approach for developing guidelines based on body mass index. American Journal of Clinical Nutrition, 2000, 72, 694-701.	2.2	1,432
3	Total body skeletal muscle and adipose tissue volumes: estimation from a single abdominal cross-sectional image. Journal of Applied Physiology, 2004, 97, 2333-2338.	1.2	1,248
4	How Useful Is Body Mass Index for Comparison of Body Fatness across Age, Sex, and Ethnic Groups?. American Journal of Epidemiology, 1996, 143, 228-239.	1.6	1,213
5	Cadaver validation of skeletal muscle measurement by magnetic resonance imaging and computerized tomography. Journal of Applied Physiology, 1998, 85, 115-122.	1.2	1,187
6	Appendicular skeletal muscle mass: effects of age, gender, and ethnicity. Journal of Applied Physiology, 1997, 83, 229-239.	1.2	781
7	Body mass index as a measure of adiposity among children and adolescents: A validation study. Journal of Pediatrics, 1998, 132, 204-210.	0.9	761
8	Sarcopenic Obesity Predicts Instrumental Activities of Daily Living Disability in the Elderly. Obesity, 2004, 12, 1995-2004.	4.0	753
9	Predictors of skeletal muscle mass in elderly men and women. Mechanisms of Ageing and Development, 1999, 107, 123-136.	2.2	689
10	Total-body skeletal muscle mass: estimation by a new dual-energy X-ray absorptiometry method. American Journal of Clinical Nutrition, 2002, 76, 378-383.	2.2	599
11	Assessment methods in human body composition. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 566-572.	1.3	507
12	Effects of gender, body composition, and menopause on plasma concentrations of leptin. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 3424-3427.	1.8	498
13	Low-dose leptin reverses skeletal muscle, autonomic, and neuroendocrine adaptations to maintenance of reduced weight. Journal of Clinical Investigation, 2005, 115, 3579-3586.	3.9	486
14	Comparisons of waist circumferences measured at 4 sites. American Journal of Clinical Nutrition, 2003, 77, 379-384.	2.2	456
15	Weight stability masks sarcopenia in elderly men and women. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E366-E375.	1.8	364
16	Body composition changes with aging: The cause or the result of alterations in metabolic rate and macronutrient oxidation?. Nutrition, 2010, 26, 152-155.	1.1	336
17	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. Obesity, 2013, 21, 2264-2271.	1.5	304
18	Visceral adipose tissue: relations between single-slice areas and total volume. American Journal of Clinical Nutrition, 2004, 80, 271-278.	2.2	295

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19	Adipose tissue in muscle: a novel depot similar in size to visceral adipose tissue. American Journal of Clinical Nutrition, 2005, 81, 903-910.	2.2	291
20	Organ-tissue mass measurement allows modeling of REE and metabolically active tissue mass. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E249-E258.	1.8	280
21	Sarcopenia and increased adipose tissue infiltration of muscle in elderly African American women. American Journal of Clinical Nutrition, 2004, 79, 874-880.	2.2	255
22	Larger Amounts of Visceral Adipose Tissue in Asian Americans. Obesity, 2001, 9, 381-387.	4.0	253
23	Bioimpedance analysis: evaluation of leg-to-leg system based on pressure contact foot-pad electrodes. Medicine and Science in Sports and Exercise, 1997, 29, 524-531.	0.2	244
24	Skeletal muscle mass: evaluation of neutron activation and dual-energy X-ray absorptiometry methods. Journal of Applied Physiology, 1996, 80, 824-831.	1.2	233
25	Phase angle and its determinants in healthy subjects: influence of body composition. American Journal of Clinical Nutrition, 2016, 103, 712-716.	2.2	224
26	Waist Circumference Correlates with Metabolic Syndrome Indicators Better Than Percentage Fat. Obesity, 2006, 14, 727-736.	1.5	205
27	Ethnicityâ€related skeletal muscle differences across the lifespan. American Journal of Human Biology, 2010, 22, 76-82.	0.8	200
28	Body-size dependence of resting energy expenditure can be attributed to nonenergetic homogeneity of fat-free mass. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E132-E138.	1.8	197
29	What makes a BIA equation unique? Validity of eight-electrode multifrequency BIA to estimate body composition in a healthy adult population. European Journal of Clinical Nutrition, 2013, 67, S14-S21.	1.3	179
30	Body Mass Index and Risk for Intubation or Death in SARS-CoV-2 Infection. Annals of Internal Medicine, 2020, 173, 782-790.	2.0	175
31	Intermuscular adipose tissue-free skeletal muscle mass: estimation by dual-energy X-ray absorptiometry in adults. Journal of Applied Physiology, 2004, 97, 655-660.	1.2	174
32	Scaling of human body composition to stature: new insights into body mass index. American Journal of Clinical Nutrition, 2007, 86, 82-91.	2.2	174
33	Effects of Contingent Television on Physical Activity and Television Viewing in Obese Children. Pediatrics, 2001, 107, 1043-1048.	1.0	169
34	Adipose tissue distribution is different in type 2 diabetes. American Journal of Clinical Nutrition, 2009, 89, 807-814.	2.2	167
35	Current body composition measurement techniques. Current Opinion in Endocrinology, Diabetes and Obesity, 2017, 24, 310-314.	1.2	166
36	Are dual-energy X-ray absorptiometry regional estimates associated with visceral adipose tissue mass?. International Journal of Obesity, 2002, 26, 978-983.	1.6	165

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37	Resting energy expenditure-fat-free mass relationship: new insights provided by body composition modeling. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E539-E545.	1.8	161
38	Body composition changes in stable-weight elderly subjects: The effect of sex. Aging Clinical and Experimental Research, 2003, 15, 321-327.	1.4	157
39	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. American Journal of Clinical Nutrition, 2005, 82, 1210-1217.	2.2	155
40	Sex and Race Differences in Fat Distribution among Asian, African-American, and Caucasian Prepubertal Children. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2164-2170.	1.8	153
41	Is percentage body fat differentially related to body mass index in Hispanic Americans, African Americans, and European Americans?. American Journal of Clinical Nutrition, 2003, 77, 71-75.	2.2	149
42	Quantification of whole-body and segmental skeletal muscle mass using phase-sensitive 8-electrode medical bioelectrical impedance devices. European Journal of Clinical Nutrition, 2017, 71, 1061-1067.	1.3	144
43	Effects of experimental weight perturbation on skeletal muscle work efficiency, fuel utilization, and biochemistry in human subjects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R79-R88.	0.9	128
44	Intermuscular adipose tissue rivals visceral adipose tissue in independent associations with cardiovascular risk. International Journal of Obesity, 2007, 31, 1400-1405.	1.6	124
45	The Body Adiposity Index (Hip Circumference Ã· Height^{1.5}) Is Not a More Accurate Measure of Adiposity Than Is BMI, Waist Circumference, or Hip Circumference. Obesity, 2012, 20, 2438-2444.	1.5	124
46	Total-body skeletal muscle mass: estimation by dual-energy X-ray absorptiometry in children and adolescents. American Journal of Clinical Nutrition, 2006, 84, 1014-1020.	2.2	122
47	Brain and high metabolic rate organ mass: contributions to resting energy expenditure beyond fat-free mass. American Journal of Clinical Nutrition, 2010, 91, 907-912.	2.2	119
48	Effects of obesity on QT, RR, and QTc intervals. American Journal of Cardiology, 1995, 75, 956-959.	0.7	113
49	Validation of a 3-dimensional photonic scanner for the measurement of body volumes, dimensions, and percentage body fat. American Journal of Clinical Nutrition, 2006, 83, 809-816.	2.2	113
50	Lifestyle Interventions Limit Gestational Weight Gain in Women with Overweight or Obesity: LIFEâ€Moms Prospective Metaâ€Analysis. Obesity, 2018, 26, 1396-1404.	1.5	110
51	Techniques used in the measurement of body composition: an overview with emphasis on bioelectrical impedance analysis. American Journal of Clinical Nutrition, 1996, 64, 478S-484S.	2.2	108
52	Body composition changes in pregnancy: measurement, predictors and outcomes. European Journal of Clinical Nutrition, 2014, 68, 643-652.	1.3	108
53	Femoral-gluteal subcutaneous and intermuscular adipose tissues have independent and opposing relationships with CVD risk. Journal of Applied Physiology, 2008, 104, 700-707.	1.2	107
54	Body fat redistribution after weight gain in women with anorexia nervosa 1â€“3. American Journal of Clinical Nutrition, 2005, 81, 1286-1291.	2.2	106

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55	Sexual dimorphism of adipose tissue distribution across the lifespan: a cross-sectional whole-body magnetic resonance imaging study. Nutrition and Metabolism, 2009, 6, 17.	1.3	106
56	Higher infant body fat with excessive gestational weight gain in overweight women. American Journal of Obstetrics and Gynecology, 2011, 205, 211.e1-211.e7.	0.7	106
57	Comparison of Visceral Adipose Tissue Mass in Adult African Americans and Whites^{**}. Obesity, 2005, 13, 66-74.	4.0	101
58	Small organs with a high metabolic rate explain lower resting energy expenditure in African American than in white adults. American Journal of Clinical Nutrition, 2006, 83, 1062-1067.	2.2	101
59	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. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2334-2343.	1.8	99
60	MRI-measured pelvic bone marrow adipose tissue is inversely related to DXA-measured bone mineral in younger and older adults. European Journal of Clinical Nutrition, 2012, 66, 983-988.	1.3	99
61	MRI brain image segmentation by multi-resolution edge detection and region selection. Computerized Medical Imaging and Graphics, 2000, 24, 349-357.	3.5	95
62	Body cell mass: model development and validation at the cellular level of body composition. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E123-E128.	1.8	88
63	iDXA, Prodigy, and DPXL Dual-Energy X-ray Absorptiometry Whole-Body Scans: A Cross-Calibration Study. Journal of Clinical Densitometry, 2009, 12, 95-102.	0.5	87
64	Body composition during fetal development and infancy through the age of 5 years. European Journal of Clinical Nutrition, 2015, 69, 1279-1289.	1.3	82
65	Effects of whey protein and resistance exercise on body cell mass, muscle strength, and quality of life in women with HIV. Aids, 2001, 15, 2431-2440.	1.0	81
66	Visceral adipose tissue: relationships between single slice areas at different locations and obesity-related health risks. International Journal of Obesity, 2007, 31, 763-769.	1.6	80
67	Nutrition Therapy of the Severely Obese, Critically Ill Patient. Journal of Parenteral and Enteral Nutrition, 2011, 35, 88S-96S.	1.3	80
68	Ectopic Lipid Accumulation and Reduced Glucose Tolerance in Elderly Adults Are Accompanied by Altered Skeletal Muscle Mitochondrial Activity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 242-250.	1.8	80
69	Smaller Organ Tissue Mass in the Elderly Fails to Explain Lower Resting Metabolic Rate. Annals of the New York Academy of Sciences, 2000, 904, 449-455.	1.8	76
70	Menopausal changes in body composition and energy expenditure. Experimental Gerontology, 1994, 29, 377-389.	1.2	72
71	Weight loss in postmenopausal obesity: no adverse alterations in body composition and protein metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E124-E131.	1.8	72
72	Trunk Fat and Blood Pressure in Children Through Puberty. Circulation, 2002, 105, 1093-1098.	1.6	71

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73	Fat-free mass index: changes and race/ethnic differences in adulthood. International Journal of Obesity, 2011, 35, 121-127.	1.6	67
74	Muscle distribution: Variations with body weight, gender, and age. Applied Radiation and Isotopes, 1998, 49, 733-734.	0.7	66
75	Total body potassium differs by sex and race across the adult age span. American Journal of Clinical Nutrition, 2003, 78, 72-77.	2.2	63
76	Pencil-Beam vs Fan-Beam Dual-Energy X-Ray Absorptiometry Comparisons Across Four Systems. Journal of Clinical Densitometry, 2004, 7, 281-289.	0.5	63
77	Larger mass of high-metabolic-rate organs does not explain higher resting energy expenditure in children. American Journal of Clinical Nutrition, 2003, 77, 1506-1511.	2.2	62
78	DXA: Potential for Creating a Metabolic Map of Organâ€Tissue Resting Energy Expenditure Components. Obesity, 2002, 10, 969-977.	4.0	61
79	Fatâ€Free Mass and Skeletal Muscle Mass Five Years After Bariatric Surgery. Obesity, 2018, 26, 1130-1136.	1.5	60
80	Truncal fat in relation to total body fat: influences of age, sex, ethnicity and fatness. International Journal of Obesity, 2007, 31, 1384-1391.	1.6	59
81	Differences Between Young and Old Females in the Five Levels of Body Composition and Their Relevance to the Two-compartment Chemical Model. Journal of Gerontology, 1994, 49, M201-M208.	2.0	58
82	Skeletal Muscle Mass in Acromegaly Assessed by Magnetic Resonance Imaging and Dual-Photon X-Ray Absorptiometry. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2880-2886.	1.8	58
83	Improved diabetic control in advanced heart failure patients treated with left ventricular assist devices. European Journal of Heart Failure, 2011, 13, 195-199.	2.9	58
84	Derivation and validation of simple equations to predict total muscle mass from simple anthropometric and demographic data. American Journal of Clinical Nutrition, 2014, 100, 1041-1051.	2.2	58
85	A cellular-level approach to predicting resting energy expenditure across the adult years. American Journal of Clinical Nutrition, 2005, 81, 799-806.	2.2	56
86	Adipose Tissue Redistribution and Ectopic Lipid Deposition in Active Acromegaly and Effects of Surgical Treatment. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2946-2955.	1.8	56
87	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. American Journal of Clinical Nutrition, 2015, 102, 1460-1467.	2.2	56
88	Body circumferences: clinical implications emerging from a new geometric model. Nutrition and Metabolism, 2008, 5, 24.	1.3	54
89	Advances in the Science and Application of Body Composition Measurement. Journal of Parenteral and Enteral Nutrition, 2012, 36, 96-107.	1.3	54
90	Validity of Bioelectrical Impedance Analysis for Measuring Changes in Body Water and Percent Fat After Bariatric Surgery. Obesity Surgery, 2014, 24, 847-854.	1.1	54

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91	Design of lifestyle intervention trials to prevent excessive gestational weight gain in women with overweight or obesity. Obesity, 2016, 24, 305-313.	1.5	53
92	Sexâ€Specific Fat Distribution Is Not Linear Across Pubertal Groups in a Multiethnic Study. Obesity, 2004, 12, 725-733.	4.0	52
93	Estimating whole body intermuscular adipose tissue from single cross-sectional magnetic resonance images. Journal of Applied Physiology, 2007, 102, 748-754.	1.2	52
94	Metabolically active component of fat-free body mass: Influences of age, adiposity, and gender. Metabolism: Clinical and Experimental, 1996, 45, 992-997.	1.5	51
95	QTc Interval (Cardiac Repolarization): Lengthening After Meals. Obesity, 1997, 5, 531-537.	4.0	51
96	Body-composition differences between African American and white women: relation to resting energy requirements. American Journal of Clinical Nutrition, 2004, 79, 780-786.	2.2	51
97	MRI assessment of lean and adipose tissue distribution in female patients with Cushingâ€™s disease. Clinical Endocrinology, 2010, 73, 469-475.	1.2	51
98	Body Composition Measurements from Birth through 5 Years: Challenges, Gaps, and Existing & Emerging Technologiesâ€”A National Institutes of Health workshop. Obesity Reviews, 2020, 21, e13033.	3.1	51
99	Measurement of Skeletal Muscle: Laboratory and Epidemiological Methods. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 1995, 50A, 23-29.	1.7	49
100	Smaller organ mass with greater age, except for heart. Journal of Applied Physiology, 2009, 106, 1780-1784.	1.2	48
101	Body Composition (Sarcopenia) in Obese Patients. Journal of Parenteral and Enteral Nutrition, 2011, 35, 21S-8S.	1.3	48
102	Predicting Fat Percent by Skinfolds in Racial Groups. Medicine and Science in Sports and Exercise, 2011, 43, 542-549.	0.2	48
103	Continued loss in visceral and intermuscular adipose tissue in weightâ€stable women following bariatric surgery. Obesity, 2015, 23, 62-69.	1.5	48
104	Density of fat-free body mass: relationship with race, age, and level of body fatness. American Journal of Physiology - Endocrinology and Metabolism, 1997, 272, E781-E787.	1.8	46
105	High-resolution magnetic resonance imaging tracks changes in organ and tissue mass in obese and aging rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R890-R899.	0.9	46
106	An anthropometric model to estimate neonatal fat mass using air displacement plethysmography. Nutrition and Metabolism, 2012, 9, 21.	1.3	45
107	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. Diabetes Care, 2014, 37, 3325-3332.	4.3	45
108	Body fat distribution before and after weight gain in anorexia nervosa. International Journal of Obesity, 1997, 21, 33-36.	1.6	42

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109	Serum Iron and Body Fat Distribution in a Multiethnic Cohort of Adults Living in New York City. Journal of the American Dietetic Association, 2006, 106, 680-684.	1.3	42
110	Effects of weight loss and leptin on skeletal muscle in human subjects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1259-R1266.	0.9	42
111	Does Percent Body Fat Predict Outcome in Anorexia Nervosa?. American Journal of Psychiatry, 2007, 164, 970-972.	4.0	41
112	Adipose tissue distribution after weight restoration and weight maintenance in women with anorexia nervosa. American Journal of Clinical Nutrition, 2009, 90, 1132-1137.	2.2	41
113	Unexplained Disturbance in Body Weight Regulation. Journal of the American Dietetic Association, 1995, 95, 1393-1400.	1.3	40
114	Elderly Mexicans have less muscle and greater total and truncal fat compared to African-Americans and Caucasians with the same BMI. Journal of Nutrition, Health and Aging, 2009, 13, 919-923.	1.5	38
115	Quantitative Magnetic Resonance Fat Measurements in Humans Correlate With Established Methods but Are Biased. Obesity, 2010, 18, 2047-2054.	1.5	38
116	Differentiating SIADH from Cerebral/Renal Salt Wasting: Failure of the Volume Approach and Need for a New Approach to Hyponatremia. Journal of Clinical Medicine, 2014, 3, 1373-1385.	1.0	38
117	Metabolically active portion of fat-free mass: a cellular body composition level modeling analysis. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E49-E53.	1.8	37
118	Bioimpedance Analysis: Potential for Measuring Lower Limb Skeletal Muscle Mass. Journal of Parenteral and Enteral Nutrition, 1999, 23, 96-103.	1.3	34
119	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. International Journal of Obesity, 2013, 37, 1154-1160.	1.6	33
120	Sex and Race Differences in Fat Distribution among Asian, African-American, and Caucasian Prepubertal Children. , 0, .		33
121	Electrocardiographic QTc interval: short-term weight loss effects. International Journal of Obesity, 1997, 21, 110-114.	1.6	32
122	Changes in skeletal muscle and organ size after a weight-loss intervention in overweight and obese type 2 diabetic patients. American Journal of Clinical Nutrition, 2017, 105, 78-84.	2.2	32
123	Human energy expenditure: advances in organâ€tissue prediction models. Obesity Reviews, 2018, 19, 1177-1188.	3.1	32
124	Comparison of the Relationship Between Bone Marrow Adipose Tissue and Volumetric Bone Mineral Density in Children and Adults. Journal of Clinical Densitometry, 2014, 17, 163-169.	0.5	30
125	The Pattern of Gestational Weight Gain is Associated with Changes in Maternal Body Composition and Neonatal Size. Maternal and Child Health Journal, 2015, 19, 2286-2294.	0.7	30
126	Triiodothyronine and leptin repletion in humans similarly reverse weight-loss-induced changes in skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E771-E779.	1.8	29

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127	Heart rate variability in smokers, sedentary and aerobically fit individuals. Clinical Autonomic Research, 1992, 2, 383-387.	1.4	28
128	Korean and Caucasian overweight premenopausal women have different relationship of body mass index to percent body fat with age. Journal of Applied Physiology, 2005, 99, 103-107.	1.2	28
129	Serum Magnesium and Type-2 Diabetes in African Americans and Hispanics: A New York Cohort. Journal of the American College of Nutrition, 2006, 25, 509-513.	1.1	27
130	Regional Body Volumes, BMI, Waist Circumference, and Percentage Fat in Severely Obese Adults. Obesity, 2007, 15, 2688-2698.	1.5	27
131	Greater Neonatal Fatâ€Free Mass and Similar Fat Mass Following a Randomized Trial to Control Excess Gestational Weight Gain. Obesity, 2018, 26, 578-587.	1.5	27
132	Prenatal exposure to airborne polycyclic aromatic hydrocarbons and childhood growth trajectories from age 5â€“14â€¯years. Environmental Research, 2019, 177, 108595.	3.7	27
133	Prepubertal Asians have less limb skeletal muscle. Journal of Applied Physiology, 2002, 92, 2285-2291.	1.2	26
134	Body fat differences by selfâ€reported race/ethnicity in healthy term newborns. Pediatric Obesity, 2016, 11, 361-368.	1.4	26
135	Derivation and validation of simple anthropometric equations to predict adipose tissue mass and total fat mass with MRI as the reference method. British Journal of Nutrition, 2015, 114, 1852-1867.	1.2	25
136	One-year postpartum anthropometric outcomes in mothers and children in the LIFE-Moms lifestyle intervention clinical trials. International Journal of Obesity, 2020, 44, 57-68.	1.6	25
137	Relationship between body mass index and adiposity in prepubertal children: ethnic and geographic comparisons between New York City and Jinan City (China). Journal of Applied Physiology, 2009, 107, 488-493.	1.2	24
138	Nutrition Assessment and Dietary Interventions in HeartÂFailure. Journal of the American College of Cardiology, 2022, 79, 1623-1635.	1.2	23
139	Magnetic Resonance Imagingâ€“Measured Bone Marrow Adipose Tissue Area Is Inversely Related to Cortical Bone Area in Children and Adolescents Aged 5â€“18ÂYears. Journal of Clinical Densitometry, 2015, 18, 203-208.	0.5	22
140	Gestational weight gain and obesity, adiposity and body size in <scp>A</scp>fricanâ€“<scp>A</scp>merican and <scp>D</scp>ominican children in the <scp>B</scp>ronx and <scp>N</scp>orthern <scp>M</scp>anhattan. Maternal and Child Nutrition, 2016, 12, 918-928.	1.4	22
141	Overweight and Obesity BMI Cutâ€offs and Their Relation to Metabolic Disorders in Koreans/Asians. Obesity, 2004, 12, 440-441.	4.0	21
142	Relative Overhydration of Fat-free Mass in Postobese versus Never-Obese Subjects. Annals of the New York Academy of Sciences, 2006, 904, 514-519.	1.8	21
143	Greater lean tissue and skeletal muscle mass are associated with higher bone mineral content in children. Nutrition and Metabolism, 2010, 7, 41.	1.3	21
144	Ethnic and sex differences in bone marrow adipose tissue and bone mineral density relationship. Osteoporosis International, 2012, 23, 2293-2301.	1.3	21

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145	Resting Energy Expenditure and Organ-Tissue Body Composition 5 Years After Bariatric Surgery. Obesity Surgery, 2020, 30, 587-594.	1.1	21
146	Measuring partial body potassium in the arm versus total body potassium. Journal of Applied Physiology, 2006, 101, 945-949.	1.2	20
147	Pencil-beam versus fan-beam dual-energy X-ray absorptiometry comparisons across four systems: appendicular lean soft tissue. Acta Diabetologica, 2003, 40, s83-s85.	1.2	18
148	A cellular level approach to predicting resting energy expenditure: Evaluation of applicability in adolescents. American Journal of Human Biology, 2010, 22, 476-483.	0.8	18
149	Skeletal muscle and organ masses differ in overweight adults with type 2 diabetes. Journal of Applied Physiology, 2014, 117, 377-382.	1.2	18
150	Body composition analysis by air displacement plethysmography in normal weight to extremely obese adults. Obesity, 2014, 22, 1078-1084.	1.5	18
151	Evaluation of body composition: practical guidelines. Primary Care - Clinics in Office Practice, 2003, 30, 249-265.	0.7	15
152	Higher Insulin, Triglycerides, and Blood Pressure With Greater Trunk Fat in Tanner 1 Chinese. Obesity, 2007, 15, 1004-1011.	1.5	15
153	Configuration of bioelectrical impedance measurements affects results for phase angle. Medical Engineering and Physics, 2020, 84, 10-15.	0.8	15
154	Upper extremity skeletal muscle mass: Potential of measurement with single frequency bioimpedance analysis. Applied Radiation and Isotopes, 1998, 49, 473-474.	0.7	14
155	Dual-energy X-ray absorptiometry prediction of adipose tissue depots in children and adolescents. Pediatric Research, 2012, 72, 420-425.	1.1	14
156	Sex differences in visceral adipose tissue post-bariatric surgery compared to matched non-surgical controls. International Journal of Body Composition Research, 2008, 6, 93-99.	0.5	14
157	Comparison of Body Composition Methods During Weight Loss in Obese Women Using Herbal Formula. The American Journal of Chinese Medicine, 2005, 33, 851-858.	1.5	13
158	Predictors of response to insulin therapy in youth with poorlyâ€controlled type 2 diabetes in the TODAY trial. Pediatric Diabetes, 2019, 20, 871-879.	1.2	13
159	How useful is waist circumference for assessment of abdominal obesity in Korean pre-menopausal women during weight loss?. Asia Pacific Journal of Clinical Nutrition, 2008, 17, 229-34.	0.3	13
160	Can we use the Jackson and Pollock equations to predict body density/fat of obese individuals in the 21st century?. International Journal of Body Composition Research, 2008, 6, 114-121.	0.5	13
161	Skeletal muscle adiposity and outcomes in candidates for lung transplantation: a lung transplant body composition cohort study. Thorax, 2020, 75, 801-804.	2.7	12
162	Increased Visceral Adipose Tissue Without Weight Retention at 59 Weeks Postpartum. Obesity, 2020, 28, 552-562.	1.5	12

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163	In VivoDetermination of Body Composition of Rats Using Magnetic Resonance Imaging. Annals of the New York Academy of Sciences, 2000, 904, 32-41.	1.8	11
164	Body Composition Modeling: Application to Exploration of the Resting Energy Expenditure Fat-free Mass Relationship. Annals of the New York Academy of Sciences, 2006, 904, 290-297.	1.8	11
165	Comparisons of Body Volumes and Dimensions Using Three-Dimensional Photonic Scanning in Adult Hispanic-Americans and Caucasian-Americans. Journal of Diabetes Science and Technology, 2007, 1, 921-928.	1.3	11
166	Association of BMI and Cardiovascular Risk Stratification in the Elderly Africanâ€American Females. Obesity, 2011, 19, 1182-1186.	1.5	11
167	Fat-free mass is not lower 24 months postbariatric surgery than nonoperated matched controls. Surgery for Obesity and Related Diseases, 2017, 13, 65-69.	1.0	11
168	Reliability of the EchoMRI Infants System for Water and Fat Measurements in Newborns. Obesity, 2017, 25, 1577-1583.	1.5	11
169	Effects of Whey Protein and Resistance Exercise on Body Composition and Muscle Strength in Women with HIV Infection. Annals of the New York Academy of Sciences, 2000, 904, 607-609.	1.8	10
170	Lean R value for DXA two-component soft-tissue model: Influence of age and tissue or organ type. Applied Radiation and Isotopes, 1998, 49, 743-744.	0.7	9
171	Truncal Adiposity and Lung Function in Older Black Women. Lung, 2008, 186, 13-17.	1.4	8
172	Relationship of BMI z score to fat percent and fat mass in multiethnic prepubertal children. Pediatric Obesity, 2019, 14, e12463.	1.4	8
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