Manfred J MÃ¼ller

List of Publications by Year
in descending order

207	11,015	28242	39638
papers	citations	55 h-index	94 g-index

228	228	228	11526
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase Angle From Bioelectrical Impedance Analysis: Population Reference Values by Age, Sex, and Body Mass Index. Journal of Parenteral and Enteral Nutrition, 2006, 30, 309-316.	1.3	409
2	Specific metabolic rates of major organs and tissues across adulthood: evaluation by mechanistic model of resting energy expenditure. American Journal of Clinical Nutrition, 2010, 92, 1369-1377.	2.2	369
3	Identification of high- and low-risk patients before liver transplantation: A prospective cohort study of nutritional and metabolic parameters in 150 patients. Hepatology, 1997, 25, 652-657.	3.6	341
4	Parental overweight, socioeconomic status and high birth weight are the major determinants of overweight and obesity in 5â€“7â€‰y-old children: baseline data of the Kiel Obesity Prevention Study (KOPS). International Journal of Obesity, 2004, 28, 1494-1502.	1.6	310
5	World Health Organization equations have shortcomings for predicting resting energy expenditure in persons from a modern, affluent population: generation of a new reference standard from a retrospective analysis of a German database of resting energy expenditure. American Journal of Clinical Nutrition, 2004, 80, 1379-1390.	2.2	290
6	Energy expenditure and substrate oxidation in patients with cirrhosis: The impact of cause, clinical staging and nutritional state. Hepatology, 1992, 15, 782-794.	3.6	281
7	Value of body fat mass vs anthropometric obesity indices in the assessment of metabolic risk factors. International Journal of Obesity, 2006, 30, 475-483.	1.6	236
8	Hypermetabolism in clinically stable patients with liver cirrhosis. American Journal of Clinical Nutrition, 1999, 69, 1194-1201.	2.2	226
9	Beyond the body mass index: tracking body composition in the pathogenesis of obesity and the metabolic syndrome. Obesity Reviews, 2012, 13, 6-13.	3.1	221
10	Impact of parental BMI on the manifestation of overweight 5â€“7 year old children. European Journal of Nutrition, 2002, 41, 132-138.	1.8	219
11	Metabolically active components of fat-free mass and resting energy expenditure in humans: recent lessons from imaging technologies. Obesity Reviews, 2002, 3, 113-122.	3.1	197
12	What is the best reference site for a single MRI slice to assess whole-body skeletal muscle and adipose tissue volumes in healthy adults?. American Journal of Clinical Nutrition, 2015, 102, 58-65.	2.2	195
13	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
14	Changes in Energy Expenditure with Weight Gain and Weight Loss in Humans. Current Obesity Reports, 2016, 5, 413-423.	3.5	162
15	Measurement Site for Waist Circumference Affects Its Accuracy As an Index of Visceral and Abdominal Subcutaneous Fat in a Caucasian Population ,. Journal of Nutrition, 2010, 140, 954-961.	1.3	161
16	Prevention of obesityâ€”more than an intention. Concept and first results of the Kiel Obesity Prevention Study (KOPS). International Journal of Obesity, 2001, 25, S66-S74.	1.6	160
17	Energy and protein requirements of patients with chronic liver disease. Journal of Hepatology, 1997, 27, 239-247.	1.8	138
18	Metabolically active components of fat free mass and resting energy expenditure in nonobese adults. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E308-E315.	1.8	137

#	Article	IF	Citations
19	Contribution of individual organ mass loss to weight lossâ€“associated decline in resting energy expenditure. American Journal of Clinical Nutrition, 2009, 90, 993-1001.	2.2	134
20	Adaptive thermogenesis with weight loss in humans. Obesity, 2013, 21, 218-228.	1.5	119
21	Effect of organ and tissue masses on resting energy expenditure in underweight, normal weight and obese adults. International Journal of Obesity, 2004, 28, 72-79.	1.6	115
22	The Age-Related Decline in Resting Energy Expenditure in Humans Is Due to the Loss of Fat-Free Mass and to Alterations in Its Metabolically Active Components. Journal of Nutrition, 2003, 133, 2356-2362.	1.3	112
23	Is TV viewing an index of physical activity and fitness in overweight and normal weight children?. Public Health Nutrition, 2001, 4, 1245-1251.	1.1	103
24	Reference Values for Skeletal Muscle Mass â€“ Current Concepts and Methodological Considerations. Nutrients, 2020, 12, 755.	1.7	102
25	Identification of skeletal muscle mass depletion across age and BMI groups in health and diseaseâ€”there is need for a unified definition. International Journal of Obesity, 2015, 39, 379-386.	1.6	99
26	Insulin resistance in liver cirrhosis. Positron-emission tomography scan analysis of skeletal muscle glucose metabolism.. Journal of Clinical Investigation, 1993, 91, 1897-1902.	3.9	98
27	Inconsistencies in bioelectrical impedance and anthropometric measurements of fat mass in a field study of prepubertal children. British Journal of Nutrition, 2002, 87, 163-175.	1.2	97
28	Social class differences in overweight of prepubertal children in northwest Germany. International Journal of Obesity, 2002, 26, 566-572.	1.6	97
29	Leptin and body weight regulation in patients with anorexia nervosa before and during weight recovery1â€“2. American Journal of Clinical Nutrition, 2005, 81, 889-896.	2.2	96
30	Coordinate control of intermediary metabolism in rat liver by the insulin/glucagon ratio during starvation and after glucose refeeding. Archives of Biochemistry and Biophysics, 1977, 183, 647-663.	1.4	92
31	Effect of weight loss and regain on adipose tissue distribution, composition of lean mass and resting energy expenditure in young overweight and obese adults. International Journal of Obesity, 2013, 37, 1371-1377.	1.6	92
32	Four-year Follow-up of School-based Intervention on Overweight Children: The KOPS Study**. Obesity, 2007, 15, 3159-3169.	1.5	91
33	Prevention of obesity â€“ is it possible?. Obesity Reviews, 2001, 2, 15-28.	3.1	89
34	Influence of methods used in body composition analysis on the prediction of resting energy expenditure. European Journal of Clinical Nutrition, 2007, 61, 582-589.	1.3	89
35	l-Tri-iodothyronine is a major determinant of resting energy expenditure in underweight patients with anorexia nervosa and during weight gain. European Journal of Endocrinology, 2005, 152, 179-184.	1.9	84
36	The creatinine approach to estimate skeletal muscle mass in patients with cirrhosis. Hepatology, 1996, 24, 1422-1427.	3.6	82

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37	School- and family-based interventions to prevent overweight in children. Proceedings of the Nutrition Society, 2005, 64, 249-254.	0.4	82
38	Evolving concepts on adjusting human resting energy expenditure measurements for body size. Obesity Reviews, 2012, 13, 1001-1014.	3.1	80
39	Are patients with liver cirrhosis hypermetabolic?. Clinical Nutrition, 1994, 13, 131-144.	2.3	76
40	Voluntary weight loss: systematic review of early phase body composition changes. Obesity Reviews, 2011, 12, e348-61.	3.1	75
41	Relationships between physical activity, physical fitness, muscle strength and nutritional state in 5- to 11-year-old children. European Journal of Applied Physiology, 2000, 82, 425-438.	1.2	73
42	Patterns of bioelectrical impedance vector distribution by body mass index and age: implications for body-composition analysis. American Journal of Clinical Nutrition, 2005, 82, 60-68.	2.2	73
43	Intra- and interindividual variability of resting energy expenditure in healthy male subjects â€“ biological and methodological variability of resting energy expenditure. British Journal of Nutrition, 2005, 94, 843-849.	1.2	73
44	Associations between active commuting to school, fat mass and lifestyle factors in adolescents: the Kiel Obesity Prevention Study (KOPS). European Journal of Clinical Nutrition, 2008, 62, 739-747.	1.3	72
45	Functional body composition: insights into the regulation of energy metabolism and some clinical applications. European Journal of Clinical Nutrition, 2009, 63, 1045-1056.	1.3	70
46	Patterns of bioelectrical impedance vector distribution by body mass index and age: implications for body-composition analysis. American Journal of Clinical Nutrition, 2005, 82, 60-68.	2.2	69
47	Short stature and obesity: positive association in adults but inverse association in children and adolescents. British Journal of Nutrition, 2009, 102, 453-461.	1.2	67
48	Adiposity in children and adolescents: correlates and clinical consequences of fat stored in specific body depots. Pediatric Obesity, 2012, 7, e42-61.	1.4	63
49	Advances in the understanding of specific metabolic rates of major organs and tissues in humans. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 1.	1.3	62
50	Effect of ketone bodies on glucose production and utilization in the miniature pig.. Journal of Clinical Investigation, 1984, 74, 249-261.	3.9	62
51	Resting energy expenditure and nutritional state in patients with liver cirrhosis before and after liver transplantation. Clinical Nutrition, 1994, 13, 145-152.	2.3	61
52	Physical activity and diet in 5 to 7 years old children. Public Health Nutrition, 1999, 2, 443-444.	1.1	61
53	Effect of Constitution on Mass of Individual Organs and Their Association with Metabolic Rate in Humansâ€”A Detailed View on Allometric Scaling. PLoS ONE, 2011, 6, e22732.	1.1	60
54	Total and regional relationship between lean and fat mass with increasing adiposityâ€”impact for the diagnosis of sarcopenic obesity. European Journal of Clinical Nutrition, 2012, 66, 1356-1361.	1.3	59

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55	Gender differences in fat mass of 5â€“7-year old children. International Journal of Obesity, 1998, 22, 878-884.	1.6	58
56	Common familial influences on clustering of metabolic syndrome traits with central obesity and insulin resistance: the Kiel obesity prevention study. International Journal of Obesity, 2007, 31, 784-790.	1.6	57
57	Eight-Year Follow-Up of School-Based Intervention on Childhood Overweight â€“ the Kiel Obesity Prevention Study. Obesity Facts, 2011, 4, 35-43.	1.6	57
58	Longitudinal Influences of Neighbourhood Built and Social Environment on Childrenâ€™s Weight Status. International Journal of Environmental Research and Public Health, 2013, 10, 5083-5096.	1.2	56
59	Assessment and definition of lean body mass deficiency in the elderly. European Journal of Clinical Nutrition, 2014, 68, 1220-1227.	1.3	56
60	Application of standards and models in body composition analysis. Proceedings of the Nutrition Society, 2016, 75, 181-187.	0.4	56
61	First lessons from the Kiel Obesity Prevention Study (KOPS). International Journal of Obesity, 2005, 29, S78-S83.	1.6	55
62	Schoolâ€based interventions to prevent overweight and obesity in prepubertal children: process and 4â€years outcome evaluation of the Kiel Obesity Prevention Study (KOPS). Acta Paediatrica, International Journal of Paediatrics, 2007, 96, 19-25.	0.7	55
63	Energy Gain and Energy Gap in Normalâ€weight Children: Longitudinal Data of the KOPS. Obesity, 2008, 16, 777-783.	1.5	54
64	Advances in the Science and Application of Body Composition Measurement. Journal of Parenteral and Enteral Nutrition, 2012, 36, 96-107.	1.3	54
65	Genetic studies of common types of obesity: a critique of the current use of phenotypes. Obesity Reviews, 2010, 11, 612-618.	3.1	53
66	Impact of age on leptin and adiponectin independent of adiposity. British Journal of Nutrition, 2012, 108, 363-370.	1.2	53
67	Bioavailability of quercetin in humans and the influence of food matrix comparing quercetin capsules and different apple sources. Food Research International, 2016, 88, 159-165.	2.9	52
68	Issues in characterizing resting energy expenditure in obesity and after weight loss. Frontiers in Physiology, 2013, 4, 47.	1.3	51
69	Hepatic Energy and Substrate Metabolism: A Possible Metabolic Basis for Early Nutritional Support in Cirrhotic Patients. Nutrition, 1998, 14, 30-38.	1.1	49
70	Age-Dependent Changes in Resting Energy Expenditure (REE): Insights from Detailed Body Composition Analysis in Normal and Overweight Healthy Caucasians. Nutrients, 2016, 8, 322.	1.7	47
71	Resting energy expenditure and weight loss in human immunodeficiency. Metabolism: Clinical and Experimental, 1993, 42, 1173-1179.	1.5	46
72	Familial influences and obesity-associated metabolic risk factors contribute to the variation in resting energy expenditure: the Kiel Obesity Prevention Study. American Journal of Clinical Nutrition, 2008, 87, 1695-1701.	2.2	46

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73	Evaluation of specific metabolic rates of major organs and tissues: Comparison between men and women. American Journal of Human Biology, 2011, 23, 333-338.	0.8	46
74	Normalizing resting energy expenditure across the life course in humans: challenges and hopes. European Journal of Clinical Nutrition, 2018, 72, 628-637.	1.3	46
75	Alterations in glucose metabolism associated with liver cirrhosis persist in the clinically stable long-term course after liver transplantation. Liver Transplantation, 2004, 10, 1030-1040.	1.3	45
76	The case of GWAS of obesity: does body weight control play by the rules?. International Journal of Obesity, 2018, 42, 1395-1405.	1.6	45
77	Defining obesity as a disease. European Journal of Clinical Nutrition, 2017, 71, 1256-1258.	1.3	45
78	Attributable Risks for Childhood Overweight: Evidence for Limited Effectiveness of Prevention. Pediatrics, 2012, 130, e865-e871.	1.0	44
79	Is there evidence for a set point that regulates human body weight?. F1000 Medicine Reports, 2010, 2, 59.	2.9	43
80	Impact of Intraâ€•and Extraâ€Osseous Soft Tissue Composition on Changes in Bone Mineral Density With Weight Loss and Regain. Obesity, 2011, 19, 1503-1510.	1.5	43
81	Evaluation of Specific Metabolic Rates of Major Organs and Tissues: Comparison Between Nonobese and Obese Women. Obesity, 2012, 20, 95-100.	1.5	43
82	Impact of body composition during weight change on resting energy expenditure and homeostasis model assessment index in overweight nonsmoking adults. American Journal of Clinical Nutrition, 2014, 99, 779-791.	2.2	43
83	Use of BMI as a measure of overweight and obesity in a field study on 5â€“7 year old children. European Journal of Nutrition, 2002, 41, 61-67.	1.8	42
84	Need for Optimal Body Composition Data Analysis Using Air-Displacement Plethysmography in Children and Adolescents. Journal of Nutrition, 2005, 135, 2257-2262.	1.3	41
85	Grade of adiposity affects the impact of fat mass on resting energy expenditure in women. British Journal of Nutrition, 2009, 101, 474-477.	1.2	41
86	Deep body composition phenotyping during weight cycling: relevance to metabolic efficiency and metabolic risk. Obesity Reviews, 2015, 16, 36-44.	3.1	41
87	Socioeconomic Gradients in Body Weight of German Children Reverse Direction between the Ages of 2 and 6 Years. Journal of Nutrition, 2003, 133, 789-796.	1.3	39
88	Influence of Changes in Body Composition and Adaptive Thermogenesis on the Difference between Measured and Predicted Weight Loss in Obese Women. Obesity Facts, 2009, 2, 6-6.	1.6	39
89	Effects of brief perturbations in energy balance on indices of glucose homeostasis in healthy lean men. International Journal of Obesity, 2012, 36, 1094-1101.	1.6	39
90	Determinants of plasma adiponectin levels in patients with anorexia nervosa examined before and after weight gain. European Journal of Nutrition, 2005, 44, 355-359.	1.8	38

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91	Associations between neighbourhood characteristics, body mass index and health-related behaviours of adolescents in the Kiel Obesity Prevention Study: a multilevel analysis. European Journal of Clinical Nutrition, 2011, 65, 711-719.	1.3	38
92	Estimation of Skeletal Muscle Mass and Visceral Adipose Tissue Volume by a Single Magnetic Resonance Imaging Slice in Healthy Elderly Adults. Journal of Nutrition, 2016, 146, 2143-2148.	1.3	38
93	Association of Pericardial Fat With Liver Fat and Insulin Sensitivity After Dietâ€Induced Weight Loss in Overweight Women. Obesity, 2010, 18, 2111-2117.	1.5	37
94	Body Fat Percentiles for German Children and Adolescents. Obesity Facts, 2012, 5, 77-90.	1.6	37
95	Glucoregulatory Function of Thyroid Hormones: Interaction with Insulin Depends on the Prevailing Glucose Concentration*. Journal of Clinical Endocrinology and Metabolism, 1986, 63, 62-71.	1.8	36
96	Gender-Specific Associations in Age-Related Changes in Resting Energy Expenditure (REE) and MRI Measured Body Composition in Healthy Caucasians. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 941-946.	1.7	36
97	Validation of air-displacement plethysmography for estimation of body fat mass in healthy elderly subjects. European Journal of Nutrition, 2003, 42, 207-216.	1.8	35
98	From BMI to functional body composition. European Journal of Clinical Nutrition, 2013, 67, 1119-1121.	1.3	35
99	Impact of body-composition methodology on the composition of weight loss and weight gain. European Journal of Clinical Nutrition, 2013, 67, 446-454.	1.3	35
100	Recent advances in understanding body weight homeostasis in humans. F1000Research, 2018, 7, 1025.	0.8	35
101	Energy expenditure in children with type I diabetes: evidence for increased thermogenesis.. BMJ: British Medical Journal, 1989, 299, 487-491.	2.4	34
102	Body composition and cardiometabolic health: the need for novel concepts. European Journal of Clinical Nutrition, 2018, 72, 638-644.	1.3	34
103	The anatomy of resting energy expenditure: body composition mechanisms. European Journal of Clinical Nutrition, 2019, 73, 166-171.	1.3	34
104	Tumour Necrosis Factor Receptor Levels Are Linked to the Acute-Phase Response and Malnutrition in Human-Immunodeficiency-Virus-Infected Patients. Clinical Science, 1994, 86, 461-467.	1.8	33
105	Adiposity rebound is misclassified by BMI rebound. European Journal of Clinical Nutrition, 2013, 67, 984-989.	1.3	33
106	Different age-specific incidence and remission rates in pre-school and primary school suggest need for targeted obesity prevention in childhood. International Journal of Obesity, 2012, 36, 505-510.	1.6	32
107	Human energy expenditure: advances in organâ€tissue prediction models. Obesity Reviews, 2018, 19, 1177-1188.	3.1	32
108	Appetite Control Is Improved by Acute Increases in Energy Turnover at Different Levels of Energy Balance. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4481-4491.	1.8	31

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109	The influence of socioâ€economic status on the longâ€term effect of familyâ€based obesity treatment intervention in prepubertal overweight children. Health Education, 2004, 104, 336-343.	0.4	29
110	Gestational Weight Gain and Body Mass Index inÂChildren: Results from Three German Cohort Studies. PLoS ONE, 2012, 7, e33205.	1.1	29
111	From the past to future: from energy expenditure to energy intake to energy expenditure. European Journal of Clinical Nutrition, 2017, 71, 358-364.	1.3	29
112	Association between different attributes of physical activity and fat mass in untrained, endurance- and resistance-trained men. European Journal of Applied Physiology, 2001, 84, 310-320.	1.2	28
113	Carbohydrate Quality and Quantity Affect Glucose and Lipid Metabolism during Weight Regain in Healthy Men. Journal of Nutrition, 2013, 143, 1593-1601.	1.3	27
114	Association between individual fat depots and cardio-metabolic traits in normal- and overweight children, adolescents and adults. Nutrition and Diabetes, 2017, 7, e267-e267.	1.5	27
115	Resting energy expenditure and body composition: critical aspects for clinical nutrition. European Journal of Clinical Nutrition, 2018, 72, 1208-1214.	1.3	27
116	Determinants of ectopic liver fat in metabolic disease. European Journal of Clinical Nutrition, 2019, 73, 209-214.	1.3	27
117	Pleiotypic action of thyroid hormones at the target cell level. Biochemical Pharmacology, 1984, 33, 1579-1584.	2.0	26
118	Is the 1975 Reference Man still a suitable reference?. European Journal of Clinical Nutrition, 2010, 64, 1035-1042.	1.3	26
119	Carbohydrate intake and glycemic index affect substrate oxidation during a controlled weight cycle in healthy men. European Journal of Clinical Nutrition, 2014, 68, 1060-1066.	1.3	26
120	Effect of thyroid state on ketogenic capacity of the isolated perfused liver of starved rats. Lipids and Lipid Metabolism, 1981, 666, 475-481.	2.6	25
121	Dose dependent stimulation of hepatic oxygen consumption and alanine conversion to CO2 and glucose by 3, 5, 3â€²-triiodo-L-thyronine (T3) in the isolated perfused liver of hypothyroid rats. Life Sciences, 1981, 28, 2243-2249.	2.0	25
122	Childhood overweight: is there need for a new societal approach to the obesity epidemic?. Obesity Reviews, 2007, 8, 87-90.	3.1	25
123	Associations between breast adipose tissue, body fat distribution and cardiometabolic risk in women: cross-sectional data and weight-loss intervention. European Journal of Clinical Nutrition, 2011, 65, 784-790.	1.3	25
124	Measuring the impact of weight cycling on body composition. Current Opinion in Clinical Nutrition and Metabolic Care, 2014, 17, 396-400.	1.3	25
125	Impact of weight loss-associated changes in detailed body composition as assessed by whole-body MRI on plasma insulin levels and homeostatis model assessment index. European Journal of Clinical Nutrition, 2017, 71, 212-218.	1.3	25
126	Use of Balance Methods for Assessment of Shortâ€Term Changes in Body Composition. Obesity, 2012, 20, 701-707.	1.5	24

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127	Obesity Tissue: Composition, Energy Expenditure, and Energy Content in Adult Humans. Obesity, 2019, 27, 1472-1481.	1.5	24
128	Assessment of fat and lean mass by quantitative magnetic resonance. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 446-451.	1.3	23
129	Regional fat distribution in adolescent and adult females with anorexia nervosa: A longitudinal study. Clinical Nutrition, 2015, 34, 1224-1232.	2.3	23
130	Starvation-Induced Ketone Body Production in the Conscious Unrestrained Miniature Pig. Journal of Nutrition, 1982, 112, 1379-1386.	1.3	22
131	Effect of thyroid hormones on oxidative and nonoxidative glucose metabolism in humans. American Journal of Physiology - Endocrinology and Metabolism, 1988, 255, E146-E152.	1.8	22
132	Hepatic fuel selection. Proceedings of the Nutrition Society, 1995, 54, 139-150.	0.4	22
133	No evidence of mass dependency of specific organ metabolic rate in healthy humans. American Journal of Clinical Nutrition, 2008, 88, 1004-1009.	2.2	22
134	Differences in BMI z -Scores between Offspring of Smoking and Nonsmoking Mothers: A Longitudinal Study of German Children from Birth through 14 Years of Age. Environmental Health Perspectives, 2014, 122, 761-767.	2.8	22
135	Adaptive alterations in metabolism: practical consequences on energy requirements in the severely ill patient. Current Opinion in Clinical Nutrition and Metabolic Care, 2011, 14, 171-175.	1.3	21
136	Changes in lean and skeletal muscle body mass in adult females with anorexia nervosa before and after weight restoration. Clinical Nutrition, 2017, 36, 170-178.	2.3	20
137	Malnutrition and hypermetabolism are not risk factors for the presence of hepatic encephalopathy: A cross-sectional study. Journal of Gastroenterology and Hepatology (Australia), 2008, 23, 606-610.	1.4	19
138	Human brain mass: Similar body composition associations as observed across mammals. American Journal of Human Biology, 2012, 24, 479-485.	0.8	19
139	Impact of glycaemic index and dietary fibre on insulin sensitivity during the refeeding phase of a weight cycle in young healthy men. British Journal of Nutrition, 2013, 109, 1606-1616.	1.2	19
140	Functional body composition and related aspects in research on obesity and cachexia: report on the 12th <scp>S</scp>tock <scp>C</scp>onference held on 6 and 7 <scp>S</scp>eptember 2013 in <scp>H</scp>amburg, <scp>G</scp>ermany. Obesity Reviews, 2014, 15, 640-656.	3.1	19
141	Definition of new cut-offs of BMI and waist circumference based on body composition and insulin resistance: differences between children, adolescents and adults. Obesity Science and Practice, 2017, 3, 272-281.	1.0	19
142	Resting Energy Expenditure: From Cellular to Wholeâ€Body Level, a Mechanistic Historical Perspective. Obesity, 2021, 29, 500-511.	1.5	19
143	Are metabolic adaptations to weight changes an artefact?. American Journal of Clinical Nutrition, 2021, 114, 1386-1395.	2.2	19
144	No effect of gender on different components of daily energy expenditure in free living prepubertal children. International Journal of Obesity, 2000, 24, 299-305.	1.6	17

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145	Resting energy expenditure and the thermic effect of adrenaline in patients with liver cirrhosis. Clinical Science, 1992, 83, 191-198.	1.8	16
146	Inadequacy of Body Weight-Based Recommendations for Individual Protein Intakeâ€"Lessons from Body Composition Analysis. Nutrients, 2017, 9, 23.	1.7	16
147	Overweight in Adolescence Can Be Predicted at Age 6 Years: A CART Analysis in German Cohorts. PLoS ONE, 2014, 9, e93581.	1.1	16
148	Kieler Adipositasprï¿½ventionsstudie (KOPS). Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2003, 46, 727-731.	7.2	15
149	Different thermic effects of leptin in adolescent females with varying body fat content. Clinical Nutrition, 2010, 29, 639-645.	2.3	15
150	Interrelation between thyroid state and the effect of glucagon on gluconeogenesis in perfused rat livers. Biochemical Pharmacology, 1987, 36, 1623-1627.	2.0	14
151	Thermic effect of epinephrine: A role for endogenous insulin. Metabolism: Clinical and Experimental, 1992, 41, 582-587.	1.5	14
152	Metabolic, endocrine, haemodynamic and pulmonary responses to different types of exercise in individuals with normal or reduced liver function. European Journal of Applied Physiology and Occupational Physiology, 1996, 74, 246-257.	1.2	14
153	Regional lean body mass and resting energy expenditure in non-obese adults. European Journal of Nutrition, 2001, 40, 93-97.	1.8	14
154	Assessment of energy expenditure in children and adolescents. Current Opinion in Clinical Nutrition and Metabolic Care, 2003, 6, 519-530.	1.3	14
155	Malnutrition and hypermetabolism in patients with liver cirrhosis. American Journal of Clinical Nutrition, 2007, 85, 1167-1168.	2.2	14
156	A Small Step for Obesity but a Great Leap in the Wrong Direction for Mankind. Obesity Facts, 2009, 2, 63-66.	1.6	14
157	Body composition-related functions: a problem-oriented approach to phenotyping. European Journal of Clinical Nutrition, 2019, 73, 179-186.	1.3	14
158	Metabolically active components of fat free mass (FFM) and resting energy expenditure (REE) in humans. Forum of Nutrition, 2003, 56, 301-3.	3.7	14
159	Phenotypic differences between people varying in muscularity. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1100-1112.	2.9	13
160	Glucose production measured by tracer and balance data in conscious miniature pig. American Journal of Physiology - Endocrinology and Metabolism, 1983, 244, E236-E244.	1.8	12
161	Use of height3:waist circumference3 as an index for metabolic risk assessment?. British Journal of Nutrition, 2006, 95, 1212-1220.	1.2	12
162	Brain size, body size and longevity. International Journal of Obesity, 2010, 34, 1349-1352.	1.6	11

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163	How are we going to turn the obesity prevention experience?. Obesity Reviews, 2010, 11, 101-104.	3.1	11
164	Is a childâ€™s growth pattern early in life related to serum adipokines at the age of 10 years?. European Journal of Clinical Nutrition, 2014, 68, 25-31.	1.3	11
165	The ethics of research publication. European Journal of Clinical Nutrition, 2017, 71, 569-569.	1.3	11
166	Editorial: Nutrition and COVID-19. European Journal of Clinical Nutrition, 2020, 74, 849-849.	1.3	11
167	Glucoregulatory function of thyroid hormones: role of pancreatic hormones. American Journal of Physiology - Endocrinology and Metabolism, 1989, 256, E101-E110.	1.8	10
168	Interventions to Prevent Overweight in Children. International Journal for Vitamin and Nutrition Research, 2006, 76, 225-229.	0.6	10
169	Early Prevention of Childhood Obesity: Another Promise or a Reliable Path for Battling Childhood Obesity?. Obesity Facts, 2014, 7, 77-81.	1.6	10
170	Fraud in science: aÂplea for a new culture in research. European Journal of Clinical Nutrition, 2014, 68, 411-415.	1.3	10
171	Functional correlates of detailed body composition in healthy elderly subjects. Journal of Applied Physiology, 2018, 124, 182-189.	1.2	10
172	Dietary Patterns in Primary School are of Prospective Relevance for the Development of Body Composition in Two German Pediatric Populations. Nutrients, 2018, 10, 1442.	1.7	10
173	Association between fat mass, adipose tissue, fat fraction per adipose tissue, and metabolic risks: a cross-sectional study in normal, overweight, and obese adults. European Journal of Clinical Nutrition, 2019, 73, 62-71.	1.3	10
174	Endocrine Determinants of Changes in Insulin Sensitivity and Insulin Secretion during a Weight Cycle in Healthy Men. PLoS ONE, 2015, 10, e0117865.	1.1	10
175	What Is the Impact of Energy Expenditure on Energy Intake?. Nutrients, 2021, 13, 3508.	1.7	10
176	Determinants of fat mass in prepubertal children. British Journal of Nutrition, 2002, 88, 545-554.	1.2	9
177	Impact of Energy Turnover on the Regulation of Energy and Macronutrient Balance. Obesity, 2021, 29, 1114-1119.	1.5	8
178	Conflict of interest in nutrition research: an editorial perspective. European Journal of Clinical Nutrition, 2019, 73, 1213-1215.	1.3	7
179	'Functional' body composition: differentiating between benign and non-benign obesity. F1000 Biology Reports, 2009, 1, 75.	4.0	7
180	Re-entering obesity prevention: a qualitative-empirical inquiry into the subjective aetiology of extreme obese adolescents. BMC Public Health, 2014, 14, 977.	1.2	6

#	Article	IF	Citations
181	Contribution of structural brain phenotypes to the variance in resting energy expenditure in healthy Caucasian subjects. Journal of Applied Physiology, 2018, 125, 320-327.	1.2	6
182	From a â€œMetabolomics fashionâ€• to a sound application of metabolomics in research on human nutrition. European Journal of Clinical Nutrition, 2020, 74, 1619-1629.	1.3	6
183	What Is a 2021 Reference Body?. Nutrients, 2022, 14, 1526.	1.7	6
184	Impact of Fat-Free Mass Quality and Detailed Body Composition on Changes of Resting Energy Expenditure with Age. Current Nutrition Reports, 2017, 6, 111-121.	2.1	5
185	Thermogenic effect of adrenaline: interaction with insulin. European Journal of Applied Physiology and Occupational Physiology, 1991, 63, 417-423.	1.2	4
186	Adipositas: Eine Herausforderung fÃ¼r Public Health. Zeitschrift Fur Gesundheitswissenschaften, 2002, 10, 11-20.	0.8	4
187	Type 2 diabetes in Asia: where do we go from here?. European Journal of Clinical Nutrition, 2017, 71, 801-802.	1.3	4
188	Do we need to re-think the obesity issue?. European Journal of Clinical Nutrition, 2019, 73, 645-646.	1.3	4
189	How many more numbers do we need?. European Journal of Clinical Nutrition, 2017, 71, 1363-1364.	1.3	3
190	Thirty years of EJCN: a time for reflection. European Journal of Clinical Nutrition, 2018, 72, 1195-1197.	1.3	3
191	Body Composition. , 2019, , 406-413.		3
192	About â€œspendthriftâ€• and â€œthriftyâ€• phenotypes: resistance and susceptibility to overeating revisited. American Journal of Clinical Nutrition, 2019, 110, 542-543.	2.2	3
193	Associations between high-metabolic rate organ masses and fasting hunger: A study using whole-body magnetic resonance imaging in healthy males. Physiology and Behavior, 2022, 250, 113796.	1.0	3
194	Methods for evaluation of health promotion programmes. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2007, 50, 980-986.	7.2	2
195	Fraud in science: aÂplea for a new culture in research. International Journal of Obesity, 2014, 38, 572-576.	1.6	2
196	Obesity Prevention. Aktuelle Ernahrungsmedizin Klinik Und Praxis, 2002, 27, 139-141.	0.1	1
197	EJCN: 25 years of progress. European Journal of Clinical Nutrition, 2013, 67, 423-423.	1.3	1
198	Reports of the EASO physical activity working group: Diverse insights, evidenceâ€based recommendations, and future perspectives. Obesity Reviews, 2021, 22, e13254.	3.1	1

#	Article	IF	Citations
199	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. FASEB Journal, 2013, 27, 360.2.	0.2	1
200	Physiological vs. Pathological Changes of Nutritional Status over Life Time. , 2005, 10, 31-43.		0
201	Is There a Contribution of Structural Brain Phenotypes to the Variance in Resting Energy Expenditure before and after Weight Loss in Overweight Females?. Nutrients, 2019, 11, 2759.	1.7	0
202	Thanks for opening an overdue discussion on GWAS of BMI: a reply to Prof. Speakman et al.. International Journal of Obesity, 2019, 43, 217-218.	1.6	0
203	Postpartum Weight Retention in Women With Obesity. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2282-e2283.	1.8	0
204	Response to Letter from Bero et al.. European Journal of Clinical Nutrition, 2020, 74, 353-354.	1.3	0
205	PrÃvention der Adipositas. , 2015, , 475-480.		0
206	Being a scientist. European Journal of Clinical Nutrition, 2022, , .	1.3	0
207	On appropriate phenotypes of patients with obesity. Journal of Clinical Endocrinology and Metabolism, 2022, , .	1.8	0