

Manfred J Müller

List of Publications by Citations

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193
papers

8,546
citations

50
h-index

83
g-index

228
ext. papers

9,802
ext. citations

5.4
avg, IF

5.96
L-index

#	Paper	IF	Citations
193	Identification of high- and low-risk patients before liver transplantation: a prospective cohort study of nutritional and metabolic parameters in 150 patients. <i>Hepatology</i> , 1997 , 25, 652-7	11.2	287
192	Phase angle from bioelectrical impedance analysis: population reference values by age, sex, and body mass index. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006 , 30, 309-16	4.2	275
191	Parental overweight, socioeconomic status and high birth weight are the major determinants of overweight and obesity in 5-7 y-old children: baseline data of the Kiel Obesity Prevention Study (KOPS). <i>International Journal of Obesity</i> , 2004 , 28, 1494-502	5.5	260
190	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
189	Energy expenditure and substrate oxidation in patients with cirrhosis: the impact of cause, clinical staging and nutritional state. <i>Hepatology</i> , 1992 , 15, 782-94	11.2	243
188	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. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 1379-90	7	223
187	Value of body fat mass vs anthropometric obesity indices in the assessment of metabolic risk factors. <i>International Journal of Obesity</i> , 2006 , 30, 475-83	5.5	190
186	Impact of parental BMI on the manifestation of overweight 5-7 year old children. <i>European Journal of Nutrition</i> , 2002 , 41, 132-8	5.2	188
185	Hypermetabolism in clinically stable patients with liver cirrhosis. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 1194-201	7	183
184	Beyond the body mass index: tracking body composition in the pathogenesis of obesity and the metabolic syndrome. <i>Obesity Reviews</i> , 2012 , 13 Suppl 2, 6-13	10.6	180
183	Metabolically active components of fat-free mass and resting energy expenditure in humans: recent lessons from imaging technologies. <i>Obesity Reviews</i> , 2002 , 3, 113-22	10.6	167
182	What is the best reference site for a single MRI slice to assess whole-body skeletal muscle and adipose tissue volumes in healthy adults?. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 58-65	7	131
181	Measurement site for waist circumference affects its accuracy as an index of visceral and abdominal subcutaneous fat in a Caucasian population. <i>Journal of Nutrition</i> , 2010 , 140, 954-61	4.1	129
180	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> , 2013 , 67 Suppl 1, S14-21	5.2	124
179	Prevention of obesity--more than an intention. Concept and first results of the Kiel Obesity Prevention Study (KOPS). <i>International Journal of Obesity</i> , 2001 , 25 Suppl 1, S66-74	5.5	123
178	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
177	Metabolically active components of fat free mass and resting energy expenditure in nonobese adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 278, E308-15	6	113

176	Energy and protein requirements of patients with chronic liver disease. <i>Journal of Hepatology</i> , 1997 , 27, 239-47	13.4	112
175	Changes in Energy Expenditure with Weight Gain and Weight Loss in Humans. <i>Current Obesity Reports</i> , 2016 , 5, 413-423	8.4	102
174	Effect of organ and tissue masses on resting energy expenditure in underweight, normal weight and obese adults. <i>International Journal of Obesity</i> , 2004 , 28, 72-9	5.5	93
173	Adaptive thermogenesis with weight loss in humans. <i>Obesity</i> , 2013 , 21, 218-28	8	92
172	Is TV viewing an index of physical activity and fitness in overweight and normal weight children?. <i>Public Health Nutrition</i> , 2001 , 4, 1245-51	3.3	91
171	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. <i>Journal of Nutrition</i> , 2003 , 133, 2356-62	4.1	89
170	Inconsistencies in bioelectrical impedance and anthropometric measurements of fat mass in a field study of prepubertal children. <i>British Journal of Nutrition</i> , 2002 , 87, 163-75	3.6	85
169	Coordinate control of intermediary metabolism in rat liver by the insulin/glucagon ratio during starvation and after glucose refeeding. Regulatory significance of long-chain acyl-CoA and cyclic AMP. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 183, 647-63	4.1	84
168	Insulin resistance in liver cirrhosis. Positron-emission tomography scan analysis of skeletal muscle glucose metabolism. <i>Journal of Clinical Investigation</i> , 1993 , 91, 1897-902	15.9	81
167	Leptin and body weight regulation in patients with anorexia nervosa before and during weight recovery. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 889-96	7	80
166	L-tri-iodothyronine is a major determinant of resting energy expenditure in underweight patients with anorexia nervosa and during weight gain. <i>European Journal of Endocrinology</i> , 2005 , 152, 179-84	6.5	74
165	The creatinine approach to estimate skeletal muscle mass in patients with cirrhosis. <i>Hepatology</i> , 1996 , 24, 1422-7	11.2	73
164	Identification of skeletal muscle mass depletion across age and BMI groups in health and disease--there is need for a unified definition. <i>International Journal of Obesity</i> , 2015 , 39, 379-86	5.5	72
163	Effect of weight loss and regain on adipose tissue distribution, composition of lean mass and resting energy expenditure in young overweight and obese adults. <i>International Journal of Obesity</i> , 2013 , 37, 1371-7	5.5	72
162	Social class differences in overweight of prepubertal children in northwest Germany. <i>International Journal of Obesity</i> , 2002 , 26, 566-72	5.5	72
161	Influence of methods used in body composition analysis on the prediction of resting energy expenditure. <i>European Journal of Clinical Nutrition</i> , 2007 , 61, 582-9	5.2	71
160	Four-year follow-up of school-based intervention on overweight children: the KOPS study. <i>Obesity</i> , 2007 , 15, 3159-69	8	71
159	Evolving concepts on adjusting human resting energy expenditure measurements for body size. <i>Obesity Reviews</i> , 2012 , 13, 1001-14	10.6	67

158	Voluntary weight loss: systematic review of early phase body composition changes. <i>Obesity Reviews</i> , 2011 , 12, e348-61	10.6	67
157	Patterns of bioelectrical impedance vector distribution by body mass index and age: implications for body-composition analysis. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 60-68	7	67
156	Are patients with liver cirrhosis hypermetabolic?. <i>Clinical Nutrition</i> , 1994 , 13, 131-44	5.9	66
155	School- and family-based interventions to prevent overweight in children. <i>Proceedings of the Nutrition Society</i> , 2005 , 64, 249-54	2.9	64
154	Intra- and interindividual variability of resting energy expenditure in healthy male subjects -- biological and methodological variability of resting energy expenditure. <i>British Journal of Nutrition</i> , 2005 , 94, 843-9	3.6	63
153	Prevention of obesity--is it possible?. <i>Obesity Reviews</i> , 2001 , 2, 15-28	10.6	62
152	Patterns of bioelectrical impedance vector distribution by body mass index and age: implications for body-composition analysis. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 60-8	7	60
151	Associations between active commuting to school, fat mass and lifestyle factors in adolescents: the Kiel Obesity Prevention Study (KOPS). <i>European Journal of Clinical Nutrition</i> , 2008 , 62, 739-47	5.2	59
150	Functional body composition: insights into the regulation of energy metabolism and some clinical applications. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 1045-56	5.2	57
149	Relationships between physical activity, physical fitness, muscle strength and nutritional state in 5- to 11-year-old children. <i>European Journal of Applied Physiology</i> , 2000 , 82, 425-38	3.4	56
148	Advances in the understanding of specific metabolic rates of major organs and tissues in humans. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013 , 16, 501-8	3.8	55
147	Short stature and obesity: positive association in adults but inverse association in children and adolescents. <i>British Journal of Nutrition</i> , 2009 , 102, 453-61	3.6	53
146	Effect of ketone bodies on glucose production and utilization in the miniature pig. <i>Journal of Clinical Investigation</i> , 1984 , 74, 249-61	15.9	52
145	Adiposity in children and adolescents: correlates and clinical consequences of fat stored in specific body depots. <i>Pediatric Obesity</i> , 2012 , 7, e42-61	4.6	50
144	Effect of constitution on mass of individual organs and their association with metabolic rate in humans--a detailed view on allometric scaling. <i>PLoS ONE</i> , 2011 , 6, e22732	3.7	50
143	Common familial influences on clustering of metabolic syndrome traits with central obesity and insulin resistance: the Kiel obesity prevention study. <i>International Journal of Obesity</i> , 2007 , 31, 784-90	5.5	50
142	Assessment and definition of lean body mass deficiency in the elderly. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 1220-7	5.2	49
141	Physical activity and diet in 5 to 7 years old children. <i>Public Health Nutrition</i> , 1999 , 2, 443-4	3.3	49

140	Genetic studies of common types of obesity: a critique of the current use of phenotypes. <i>Obesity Reviews</i> , 2010 , 11, 612-8	10.6	48
139	Eight-year follow-up of school-based intervention on childhood overweight--the Kiel Obesity Prevention Study. <i>Obesity Facts</i> , 2011 , 4, 35-43	5.1	47
138	Total and regional relationship between lean and fat mass with increasing adiposity--impact for the diagnosis of sarcopenic obesity. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 1356-61	5.2	46
137	First lessons from the Kiel Obesity Prevention Study (KOPS). <i>International Journal of Obesity</i> , 2005 , 29 Suppl 2, S78-83	5.5	46
136	Advances in the science and application of body composition measurement. <i>Journal of Parenteral and Enteral Nutrition</i> , 2012 , 36, 96-107	4.2	45
135	Resting energy expenditure and nutritional state in patients with liver cirrhosis before and after liver transplantation. <i>Clinical Nutrition</i> , 1994 , 13, 145-52	5.9	45
134	Impact of age on leptin and adiponectin independent of adiposity. <i>British Journal of Nutrition</i> , 2012 , 108, 363-70	3.6	44
133	School-based interventions to prevent overweight and obesity in prepubertal children: process and 4-years outcome evaluation of the Kiel Obesity Prevention Study (KOPS). <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 19-25	3.1	44
132	Gender differences in fat mass of 5-7-year old children. <i>International Journal of Obesity</i> , 1998 , 22, 878-84	5.5	43
131	Hepatic energy and substrate metabolism: a possible metabolic basis for early nutritional support in cirrhotic patients. <i>Nutrition</i> , 1998 , 14, 30-8	4.8	43
130	Energy gain and energy gap in normal-weight children: longitudinal data of the KOPS. <i>Obesity</i> , 2008 , 16, 777-83	8	43
129	Reference Values for Skeletal Muscle Mass - Current Concepts and Methodological Considerations. <i>Nutrients</i> , 2020 , 12,	6.7	42
128	Longitudinal influences of neighbourhood built and social environment on children's weight status. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 5083-96	4.6	42
127	Resting energy expenditure and weight loss in human immunodeficiency virus-infected patients. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 1173-9	12.7	42
126	Issues in characterizing resting energy expenditure in obesity and after weight loss. <i>Frontiers in Physiology</i> , 2013 , 4, 47	4.6	39
125	Bioavailability of quercetin in humans and the influence of food matrix comparing quercetin capsules and different apple sources. <i>Food Research International</i> , 2016 , 88, 159-165	7	38
124	Impact of intra- and extra-osseous soft tissue composition on changes in bone mineral density with weight loss and regain. <i>Obesity</i> , 2011 , 19, 1503-10	8	38
123	Familial influences and obesity-associated metabolic risk factors contribute to the variation in resting energy expenditure: the Kiel Obesity Prevention Study. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1695-701	7	37

122	Need for optimal body composition data analysis using air-displacement plethysmography in children and adolescents. <i>Journal of Nutrition</i> , 2005 , 135, 2257-62	4.1	37
121	Application of standards and models in body composition analysis. <i>Proceedings of the Nutrition Society</i> , 2016 , 75, 181-7	2.9	36
120	Use of BMI as a measure of overweight and obesity in a field study on 5-7 year old children. <i>European Journal of Nutrition</i> , 2002 , 41, 61-7	5.2	36
119	Evaluation of specific metabolic rates of major organs and tissues: comparison between nonobese and obese women. <i>Obesity</i> , 2012 , 20, 95-100	8	35
118	Alterations in glucose metabolism associated with liver cirrhosis persist in the clinically stable long-term course after liver transplantation. <i>Liver Transplantation</i> , 2004 , 10, 1030-40	4.5	35
117	Impact of body composition during weight change on resting energy expenditure and homeostasis model assessment index in overweight nonsmoking adults. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 779-91	7	34
116	Evaluation of specific metabolic rates of major organs and tissues: comparison between men and women. <i>American Journal of Human Biology</i> , 2011 , 23, 333-8	2.7	34
115	Is there evidence for a set point that regulates human body weight?. <i>F1000 Medicine Reports</i> , 2010 , 2, 59		34
114	Grade of adiposity affects the impact of fat mass on resting energy expenditure in women. <i>British Journal of Nutrition</i> , 2009 , 101, 474-7	3.6	34
113	Attributable risks for childhood overweight: evidence for limited effectiveness of prevention. <i>Pediatrics</i> , 2012 , 130, e865-71	7.4	33
112	Determinants of plasma adiponectin levels in patients with anorexia nervosa examined before and after weight gain. <i>European Journal of Nutrition</i> , 2005 , 44, 355-9	5.2	33
111	Glucoregulatory function of thyroid hormones: interaction with insulin depends on the prevailing glucose concentration. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 63, 62-71	5.6	33
110	Age-Dependent Changes in Resting Energy Expenditure (REE): Insights from Detailed Body Composition Analysis in Normal and Overweight Healthy Caucasians. <i>Nutrients</i> , 2016 , 8,	6.7	33
109	Impact of body-composition methodology on the composition of weight loss and weight gain. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 446-54	5.2	32
108	Association of pericardial fat with liver fat and insulin sensitivity after diet-induced weight loss in overweight women. <i>Obesity</i> , 2010 , 18, 2111-7	8	32
107	Socioeconomic gradients in body weight of German children reverse direction between the ages of 2 and 6 years. <i>Journal of Nutrition</i> , 2003 , 133, 789-96	4.1	32
106	Tumour necrosis factor receptor levels are linked to the acute-phase response and malnutrition in human-immunodeficiency-virus-infected patients. <i>Clinical Science</i> , 1994 , 86, 461-7	6.5	32
105	Energy expenditure in children with type I diabetes: evidence for increased thermogenesis. <i>BMJ: British Medical Journal</i> , 1989 , 299, 487-91		31

104	Associations between neighbourhood characteristics, body mass index and health-related behaviours of adolescents in the Kiel Obesity Prevention Study: a multilevel analysis. <i>European Journal of Clinical Nutrition</i> , 2011 , 65, 711-9	5.2	30
103	Effects of brief perturbations in energy balance on indices of glucose homeostasis in healthy lean men. <i>International Journal of Obesity</i> , 2012 , 36, 1094-101	5.5	30
102	Estimation of Skeletal Muscle Mass and Visceral Adipose Tissue Volume by a Single Magnetic Resonance Imaging Slice in Healthy Elderly Adults. <i>Journal of Nutrition</i> , 2016 , 146, 2143-2148	4.1	29
101	Deep body composition phenotyping during weight cycling: relevance to metabolic efficiency and metabolic risk. <i>Obesity Reviews</i> , 2015 , 16 Suppl 1, 36-44	10.6	29
100	Influence of changes in body composition and adaptive thermogenesis on the difference between measured and predicted weight loss in obese women. <i>Obesity Facts</i> , 2009 , 2, 105-9	5.1	29
99	Body fat percentiles for German children and adolescents. <i>Obesity Facts</i> , 2012 , 5, 77-90	5.1	29
98	Normalizing resting energy expenditure across the life course in humans: challenges and hopes. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 628-637	5.2	28
97	Different age-specific incidence and remission rates in pre-school and primary school suggest need for targeted obesity prevention in childhood. <i>International Journal of Obesity</i> , 2012 , 36, 505-10	5.5	28
96	Validation of air-displacement plethysmography for estimation of body fat mass in healthy elderly subjects. <i>European Journal of Nutrition</i> , 2003 , 42, 207-16	5.2	28
95	The case of GWAS of obesity: does body weight control play by the rules?. <i>International Journal of Obesity</i> , 2018 , 42, 1395-1405	5.5	28
94	Gestational weight gain and body mass index in children: results from three german cohort studies. <i>PLoS ONE</i> , 2012 , 7, e33205	3.7	25
93	From the past to future: from energy expenditure to energy intake to energy expenditure. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 358-364	5.2	23
92	Carbohydrate intake and glycemic index affect substrate oxidation during a controlled weight cycle in healthy men. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 1060-6	5.2	23
91	Carbohydrate quality and quantity affect glucose and lipid metabolism during weight regain in healthy men. <i>Journal of Nutrition</i> , 2013 , 143, 1593-601	4.1	23
90	Dose dependent stimulation of hepatic oxygen consumption and alanine conversion to CO ₂ and glucose by 3,5,3Rtriiodo-L-thyronine (T3) in the isolated perfused liver of hypothyroid rats. <i>Life Sciences</i> , 1981 , 28, 2243-9	6.8	23
89	Recent advances in understanding body weight homeostasis in humans. <i>F1000Research</i> , 2018 , 7,	3.6	22
88	Adiposity rebound is misclassified by BMI rebound. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 984-95.2	5.2	22
87	Measuring the impact of weight cycling on body composition: a methodological challenge. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2014 , 17, 396-400	3.8	22

86	Use of balance methods for assessment of short-term changes in body composition. <i>Obesity</i> , 2012 , 20, 701-7	8	21
85	Associations between breast adipose tissue, body fat distribution and cardiometabolic risk in women: cross-sectional data and weight-loss intervention. <i>European Journal of Clinical Nutrition</i> , 2011 , 65, 784-90	5.2	21
84	Is the 1975 Reference Man still a suitable reference?. <i>European Journal of Clinical Nutrition</i> , 2010 , 64, 1035-42	5.2	21
83	No evidence of mass dependency of specific organ metabolic rate in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 1004-9	7	21
82	Childhood overweight: is there need for a new societal approach to the obesity epidemic?. <i>Obesity Reviews</i> , 2007 , 8, 87-90; discussion 91-2	10.6	21
81	The influence of socio-economic status on the long-term effect of family-based obesity treatment intervention in prepubertal overweight children. <i>Health Education</i> , 2004 , 104, 336-343	1	21
80	Pleiotypic action of thyroid hormones at the target cell level. <i>Biochemical Pharmacology</i> , 1984 , 33, 1579-84		21
79	Association between different attributes of physical activity and fat mass in untrained, endurance- and resistance-trained men. <i>European Journal of Applied Physiology</i> , 2001 , 84, 310-20	3.4	20
78	Starvation-induced ketone body production in the conscious unrestrained miniature pig. <i>Journal of Nutrition</i> , 1982 , 112, 1379-86	4.1	20
77	The anatomy of resting energy expenditure: body composition mechanisms. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 166-171	5.2	20
76	Body composition and cardiometabolic health: the need for novel concepts. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 638-644	5.2	19
75	Assessment of fat and lean mass by quantitative magnetic resonance: a future technology of body composition research?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015 , 18, 446-51	3.8	19
74	Regional fat distribution in adolescent and adult females with anorexia nervosa: A longitudinal study. <i>Clinical Nutrition</i> , 2015 , 34, 1224-32	5.9	19
73	Effect of thyroid state on ketogenic capacity of the isolated perfused liver of starved rats. <i>Lipids and Lipid Metabolism</i> , 1981 , 666, 475-81		19
72	Association between individual fat depots and cardio-metabolic traits in normal- and overweight children, adolescents and adults. <i>Nutrition and Diabetes</i> , 2017 , 7, e267	4.7	18
71	Gender-Specific Associations in Age-Related Changes in Resting Energy Expenditure (REE) and MRI Measured Body Composition in Healthy Caucasians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 941-6	6.4	18
70	Human energy expenditure: advances in organ-tissue prediction models. <i>Obesity Reviews</i> , 2018 , 19, 1177-1188	10.6	18
69	Functional body composition and related aspects in research on obesity and cachexia: report on the 12th Stock Conference held on 6 and 7 September 2013 in Hamburg, Germany. <i>Obesity Reviews</i> , 2014 , 15, 640-56	10.6	18

68	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. <i>Environmental Health Perspectives</i> , 2014 , 122, 761-7	8.4	18
67	Adaptive alterations in metabolism: practical consequences on energy requirements in the severely ill patient. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011 , 14, 171-5	3.8	18
66	Malnutrition and hypermetabolism are not risk factors for the presence of hepatic encephalopathy: a cross-sectional study. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008 , 23, 606-10	4	18
65	No effect of gender on different components of daily energy expenditure in free living prepubertal children. <i>International Journal of Obesity</i> , 2000 , 24, 299-305	5.5	17
64	Determinants of ectopic liver fat in metabolic disease. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 209-214	5.2	16
63	Appetite Control Is Improved by Acute Increases in Energy Turnover at Different Levels of Energy Balance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 4481-4491	5.6	15
62	Definition of new cut-offs of BMI and waist circumference based on body composition and insulin resistance: differences between children, adolescents and adults. <i>Obesity Science and Practice</i> , 2017 , 3, 272-281	2.6	15
61	Impact of glycaemic index and dietary fibre on insulin sensitivity during the refeeding phase of a weight cycle in young healthy men. <i>British Journal of Nutrition</i> , 2013 , 109, 1606-16	3.6	15
60	Hepatic fuel selection. <i>Proceedings of the Nutrition Society</i> , 1995 , 54, 139-50	2.9	15
59	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. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 212-218	5.2	14
58	Inadequacy of Body Weight-Based Recommendations for Individual Protein Intake-Lessons from Body Composition Analysis. <i>Nutrients</i> , 2016 , 9,	6.7	14
57	Human brain mass: similar body composition associations as observed across mammals. <i>American Journal of Human Biology</i> , 2012 , 24, 479-85	2.7	14
56	Changes in lean and skeletal muscle body mass in adult females with anorexia nervosa before and after weight restoration. <i>Clinical Nutrition</i> , 2017 , 36, 170-178	5.9	13
55	Different thermic effects of leptin in adolescent females with varying body fat content. <i>Clinical Nutrition</i> , 2010 , 29, 639-45	5.9	13
54	Regional lean body mass and resting energy expenditure in non-obese adults. <i>European Journal of Nutrition</i> , 2001 , 40, 93-7	5.2	13
53	Resting energy expenditure and the thermic effect of adrenaline in patients with liver cirrhosis. <i>Clinical Science</i> , 1992 , 83, 191-8	6.5	13
52	Interrelation between thyroid state and the effect of glucagon on gluconeogenesis in perfused rat livers. <i>Biochemical Pharmacology</i> , 1987 , 36, 1623-7	6	13
51	Resting energy expenditure and body composition: critical aspects for clinical nutrition. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 1208-1214	5.2	13

50	Metabolically active components of fat free mass (FFM) and resting energy expenditure (REE) in humans. <i>Forum of Nutrition</i> , 2003 , 56, 301-3		13
49	Obesity Tissue: Composition, Energy Expenditure, and Energy Content in Adult Humans. <i>Obesity</i> , 2019 , 27, 1472-1481	8	12
48	Malnutrition and hypermetabolism in patients with liver cirrhosis. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1167-8	7	12
47	Effect of thyroid hormones on oxidative and nonoxidative glucose metabolism in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1988 , 255, E146-52	6	12
46	Body composition-related functions: a problem-oriented approach to phenotyping. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 179-186	5.2	12
45	Is a child's growth pattern early in life related to serum adipokines at the age of 10 years?. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 25-31	5.2	11
44	Metabolic, endocrine, haemodynamic and pulmonary responses to different types of exercise in individuals with normal or reduced liver function. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996 , 74, 246-57		11
43	Thermic effect of epinephrine: a role for endogenous insulin. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 582-7	12.7	11
42	Overweight in adolescence can be predicted at age 6 years: a CART analysis in German cohorts. <i>PLoS ONE</i> , 2014 , 9, e93581	3.7	11
41	Brain size, body size and longevity. <i>International Journal of Obesity</i> , 2010 , 34, 1349-52	5.5	10
40	Use of height:waist circumference as an index for metabolic risk assessment?. <i>British Journal of Nutrition</i> , 2006 , 95, 1212-20	3.6	9
39	Assessment of energy expenditure in children and adolescents. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003 , 6, 519-30	3.8	9
38	Functional correlates of detailed body composition in healthy elderly subjects. <i>Journal of Applied Physiology</i> , 2018 , 124, 182-189	3.7	8
37	Glucose production measured by tracer and balance data in conscious miniature pig. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1983 , 244, E236-44	6	8
36	Interventions to prevent overweight in children. <i>International Journal for Vitamin and Nutrition Research</i> , 2006 , 76, 225-9	1.7	7
35	Endocrine determinants of changes in insulin sensitivity and insulin secretion during a weight cycle in healthy men. <i>PLoS ONE</i> , 2015 , 10, e0117865	3.7	7
34	Dietary Patterns in Primary School are of Prospective Relevance for the Development of Body Composition in Two German Pediatric Populations. <i>Nutrients</i> , 2018 , 10,	6.7	7
33	How are we going to turn the obesity prevention experience?. <i>Obesity Reviews</i> , 2010 , 11, 101-4	10.6	6

32	Kieler Adipositaspräventionsstudie (KOPS). <i>Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz</i> , 2003 , 46, 727-731	7.5	6
31	Determinants of fat mass in prepubertal children. <i>British Journal of Nutrition</i> , 2002 , 88, 545-54	3.6	6
30	Glucoregulatory function of thyroid hormones: role of pancreatic hormones. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1989 , 256, E101-10	6	6
29	Are metabolic adaptations to weight changes an artefact?. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1386-1395	7	6
28	Association between fat mass, adipose tissue, fat fraction per adipose tissue, and metabolic risks: a cross-sectional study in normal, overweight, and obese adults. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 62-71	5.2	6
27	Resting Energy Expenditure: From Cellular to Whole-Body Level, a Mechanistic Historical Perspective. <i>Obesity</i> , 2021 , 29, 500-511	8	5
26	Impact of Fat-Free Mass Quality and Detailed Body Composition on Changes of Resting Energy Expenditure with Age. <i>Current Nutrition Reports</i> , 2017 , 6, 111-121	6	4
25	Contribution of structural brain phenotypes to the variance in resting energy expenditure in healthy Caucasian subjects. <i>Journal of Applied Physiology</i> , 2018 , 125, 320-327	3.7	4
24	Adipositas: Eine Herausforderung für Public Health. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2002 , 10, 11-20	1.4	4
23	Functional body composition: differentiating between benign and non-benign obesity. <i>F1000 Biology Reports</i> , 2009 , 1, 75		4
22	Re-entering obesity prevention: a qualitative-empirical inquiry into the subjective aetiology of extreme obese adolescents. <i>BMC Public Health</i> , 2014 , 14, 977	4.1	3
21	Thermogenic effect of adrenaline: interaction with insulin. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1991 , 63, 417-23		3
20	From a "Metabolomics fashion" to a sound application of metabolomics in research on human nutrition. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 1619-1629	5.2	3
19	Methods for evaluation of health promotion programmes. Smoking prevention and obesity prevention for children and adolescents. <i>Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz</i> , 2007 , 50, 980-6	7.5	2
18	Neue Referenzwerte für den Energieverbrauch - eine aktuelle Datenbank für den Ruheenergieverbrauch der deutschen Bevölkerung. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2005 , 30, 63-68	0.3	2
17	Phenotypic differences between people varying in muscularity.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022 ,	10.3	2
16	Body Composition 2019 , 406-413		1
15	Public Health Nutrition. <i>Ernährung - Wissenschaft Und Praxis</i> , 2007 , 1, 348-351		1

14	Wie beurteile ich den Ernährungszustand bei kranken Menschen?. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2003 , 28, 66-71	0.3	1
13	Obesity Prevention. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2002 , 27, 139-141	0.3	1
12	Impact of Energy Turnover on the Regulation of Energy and Macronutrient Balance. <i>Obesity</i> , 2021 , 29, 1114-1119	8	1
11	What Is a ?. <i>Nutrients</i> , 2022 , 14,	6.7	1
10	Response to Letter from Bero et al. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 353-354	5.2	
9	Ernährung zur Beeinflussung des Stoffwechsels (oder umgekehrt)?. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2009 , 34, 63-68	0.3	
8	Physiological vs. pathological changes of nutritional status over life time. <i>Nestle Nutrition Workshop Series Clinical & Performance Programme</i> , 2005 , 10, 31-43		
7	Prävention der Adipositas 2008 , 312-316		
6	Prävention der Adipositas 2015 , 475-480		
5	Relationships between body roundness with body fat and visceral adipose tissue emerging from a new geometrical model. <i>FASEB Journal</i> , 2013 , 27, 360.2	0.9	
4	Thanks for opening an overdue discussion on GWAS of BMI: a reply to Prof. Speakman et al. <i>International Journal of Obesity</i> , 2019 , 43, 217-218	5.5	
3	Ernährungsmanagement vor und während Schwangerschaft sowie nach Geburt 2022 , 37-70		
2	Associations between high-metabolic rate organ masses and fasting hunger: A study using whole-body magnetic resonance imaging in healthy males.. <i>Physiology and Behavior</i> , 2022 , 250, 113796	3.5	
1	Prävention von Übergewicht 2022 , 545-556		