

Hans Hauner

List of Publications by Year in descending order

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Version: 2024-02-01

230
papers

12,651
citations

31976

53
h-index

29157

104
g-index

267
all docs

267
docs citations

267
times ranked

20517
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>FTO</i> Obesity Variant Circuitry and Adipocyte Browning in Humans. <i>New England Journal of Medicine</i> , 2015, 373, 895-907.	27.0	1,105
2	Relationship between Adipocyte Size and Adipokine Expression and Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1023-1033.	3.6	1,040
3	T-lymphocyte Infiltration in Visceral Adipose Tissue. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1304-1310.	2.4	612
4	Cartilage-like gene expression in differentiated human stem cell spheroids: A comparison of bone marrow-derived and adipose tissue-derived stromal cells. <i>Arthritis and Rheumatism</i> , 2003, 48, 418-429.	6.7	421
5	Primary care referral to a commercial provider for weight loss treatment versus standard care: a randomised controlled trial. <i>Lancet</i> , The, 2011, 378, 1485-1492.	13.7	360
6	Gestational weight gain and long-term postpartum weight retention: a meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1225-1231.	4.7	333
7	Secretory factors from human adipose tissue and their functional role. <i>Proceedings of the Nutrition Society</i> , 2005, 64, 163-169.	1.0	321
8	Dynamics of human adipose lipid turnover in health and metabolic disease. <i>Nature</i> , 2011, 478, 110-113.	27.8	319
9	The dynamic range of the human metabolome revealed by challenges. <i>FASEB Journal</i> , 2012, 26, 2607-2619.	0.5	268
10	The Krüppel-like Factor KLF2 Inhibits Peroxisome Proliferator-activated Receptor- β Expression and Adipogenesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 2581-2584.	3.4	261
11	Comparison of proliferation and differentiation capacity of human adipocyte precursor cells from the omental and subcutaneous adipose tissue depot of obese subjects. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 632-637.	3.4	229
12	Involvement of a cGMP-dependent Pathway in the Natriuretic Peptide-mediated Hormone-sensitive Lipase Phosphorylation in Human Adipocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 48617-48626.	3.4	221
13	Effects of antenatal diet and physical activity on maternal and fetal outcomes: individual patient data meta-analysis and health economic evaluation. <i>Health Technology Assessment</i> , 2017, 21, 1-158.	2.8	214
14	Mapping of Early Signaling Events in Tumor Necrosis Factor- α -mediated Lipolysis in Human Fat Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 1085-1091.	3.4	213
15	Prevalence, Pathophysiology, Health Consequences and Treatment Options of Obesity in the Elderly: A Guideline. <i>Obesity Facts</i> , 2012, 5, 460-483.	3.4	212
16	Increased Lipolysis and Decreased Leptin Production by Human Omental as Compared With Subcutaneous Preadipocytes. <i>Diabetes</i> , 2002, 51, 2029-2036.	0.6	168
17	Arrhythmic Gut Microbiome Signatures Predict Risk of Type 2 Diabetes. <i>Cell Host and Microbe</i> , 2020, 28, 258-272.e6.	11.0	160
18	Tissue engineering of white adipose tissue using hyaluronic acid-based scaffolds. I: in vitro differentiation of human adipocyte precursor cells on scaffolds. <i>Biomaterials</i> , 2003, 24, 3125-3132.	11.4	159

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19	Impairment of Insulin Signaling in Human Skeletal Muscle Cells by Co-Culture With Human Adipocytes. <i>Diabetes</i> , 2002, 51, 2369-2376.	0.6	156
20	The role of growth hormone/insulin-like growth factors in adipocyte differentiation. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 45-49.	3.4	149
21	Angiotensin II and Its Metabolites Stimulate PAI-1 Protein Release From Human Adipocytes in Primary Culture. <i>Hypertension</i> , 2001, 37, 1336-1340.	2.7	132
22	Demonstration of estrogen receptor subtypes $\hat{1}\alpha$ and $\hat{1}\beta$ in human adipose tissue: influences of adipose cell differentiation and fat depot localization. <i>Molecular and Cellular Endocrinology</i> , 2001, 182, 27-37.	3.2	131
23	Excessive gestational weight gain prior to glucose screening and the risk of gestational diabetes: a meta-analysis. <i>Diabetologia</i> , 2015, 58, 2229-2237.	6.3	127
24	The proatherogenic cytokine interleukin-18 is secreted by human adipocytes. <i>European Journal of Endocrinology</i> , 2005, 152, 863-868.	3.7	123
25	Effect of caloric restriction on gut permeability, inflammation markers, and fecal microbiota in obese women. <i>Scientific Reports</i> , 2017, 7, 11955.	3.3	119
26	Angiotensin II Stimulates the Release of Interleukin-6 and Interleukin-8 From Cultured Human Adipocytes by Activation of NF- $\hat{1}\kappa$ B. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1199-1203.	2.4	116
27	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. <i>Cell</i> , 2014, 156, 343-358.	28.9	113
28	Regulation of Lipolysis in Small and Large Fat Cells of the Same Subject. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E2045-E2049.	3.6	110
29	Effect of reducing the n $\hat{6}$:n $\hat{3}$ long-chain PUFA ratio during pregnancy and lactation on infant adipose tissue growth within the first year of life: an open-label randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 383-394.	4.7	110
30	Non-invasive Measurement of Brown Fat Metabolism Based on Optoacoustic Imaging of Hemoglobin Gradients. <i>Cell Metabolism</i> , 2018, 27, 689-701.e4.	16.2	105
31	Dietary interventions in overweight and obese pregnant women: a systematic review of the content, delivery, and outcomes of randomized controlled trials. <i>Nutrition Reviews</i> , 2016, 74, 312-328.	5.8	98
32	The Prevention and Treatment of Obesity. <i>Deutsches A&#x0308;rztblatt International</i> , 2014, 111, 705-13.	0.9	93
33	Bioappearance and pharmacokinetics of bioactives upon coffee consumption. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8487-8503.	3.7	86
34	Safety and efficacy of a lifestyle intervention for pregnant women to prevent excessive maternal weight gain: a cluster-randomized controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 151.	2.4	85
35	Diet and Lifestyle Before and During Pregnancy â€“ Practical Recommendations of the Germany-wide Healthy Start â€“ Young Family Network. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 1262-1282.	1.8	79
36	The new concept of adipose tissue function. <i>Physiology and Behavior</i> , 2004, 83, 653-658.	2.1	78

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37	Breast milk fatty acid profile in relation to infant growth and body composition: results from the INFAT study. <i>Pediatric Research</i> , 2013, 74, 230-237.	2.3	75
38	Evidence-Based Guideline of the German Nutrition Society: Fat Intake and Prevention of Selected Nutrition-Related Diseases. <i>Annals of Nutrition and Metabolism</i> , 2015, 67, 141-204.	1.9	71
39	Effect of tumor necrosis factor alpha and transforming growth factor beta 1 on plasminogen activator inhibitor-1 secretion from subcutaneous and omental human fat cells in suspension culture. <i>Metabolism: Clinical and Experimental</i> , 2000, 49, 666-671.	3.4	70
40	MR-Based Assessment of Bone Marrow Fat in Osteoporosis, Diabetes, and Obesity. <i>Frontiers in Endocrinology</i> , 2016, 7, 74.	3.5	70
41	Interdisciplinary Screening, Diagnosis, Therapy and Follow-up of Breast Cancer. Guideline of the DGGG and the DKG (S3-Level, AWMF Registry Number 032/045OL, December 2017) – Part 2 with Recommendations for the Therapy of Primary, Recurrent and Advanced Breast Cancer. <i>Geburtshilfe Und Frauenheilkunde</i> . 2018, 78, 1056-1088.	1.8	69
42	MR-based assessment of body fat distribution and characteristics. <i>European Journal of Radiology</i> , 2016, 85, 1512-1518.	2.6	68
43	Functional Characterization of Promoter Variants of the Adiponectin Gene Complemented by Epidemiological Data. <i>Diabetes</i> , 2009, 58, 984-991.	0.6	67
44	<i>COL6A3</i> expression in adipocytes associates with insulin resistance and depends on PPAR γ 3 and adipocyte size. <i>Obesity</i> , 2014, 22, 1807-1813.	3.0	67
45	The German SUCCESS C Study – The First European Lifestyle Study on Breast Cancer. <i>Breast Care</i> , 2010, 5, 6-6.	1.4	65
46	Anatomical Variation of Age-Related Changes in Vertebral Bone Marrow Composition Using Chemical Shift Encoding-Based Water-Fat Magnetic Resonance Imaging. <i>Frontiers in Endocrinology</i> , 2018, 9, 141.	3.5	65
47	Angiotensin II Promotes Leptin Production in Cultured Human Fat Cells by an ERK1/2-dependent Pathway. <i>Obesity</i> , 2005, 13, 969-973.	4.0	64
48	Metabolic switch during adipogenesis: From branched chain amino acid catabolism to lipid synthesis. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 93-107.	3.0	63
49	Measuring orthorexia nervosa: A comparison of four self-report questionnaires. <i>Appetite</i> , 2020, 146, 104512.	3.7	61
50	Effects of a lifestyle intervention during pregnancy to prevent excessive gestational weight gain in routine care – the cluster-randomised GeliS trial. <i>BMC Medicine</i> , 2019, 17, 5.	5.5	60
51	Mitogenic and Antiadipogenic Properties of Human Growth Hormone in Differentiating Human Adipocyte Precursor Cells in Primary Culture1. <i>Pediatric Research</i> , 1996, 40, 450-456.	2.3	59
52	Metabotyping and its application in targeted nutrition: an overview. <i>British Journal of Nutrition</i> , 2017, 117, 1631-1644.	2.3	58
53	Metabolic Syndrome and Breast Cancer: Is There a Link?. <i>Breast Care</i> , 2014, 9, 277-281.	1.4	57
54	Inverse relationship between body mass index and mitochondrial oxidative phosphorylation capacity in human subcutaneous adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E380-E387.	3.5	57

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55	Effect of short-term high-protein compared with normal-protein diets on renal hemodynamics and associated variables in healthy young men. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1509-1516.	4.7	56
56	Development of a Hydrophilic Liquid Interaction Chromatography~High-Performance Liquid Chromatography~Tandem Mass Spectrometry Based Stable Isotope Dilution Analysis and Pharmacokinetic Studies on Bioactive Pyridines in Human Plasma and Urine after Coffee Consumption. <i>Analytical Chemistry</i> , 2010, 82, 1486-1497.	6.5	56
57	Biological effects of human growth hormone in rat adipocyte precursor cells and newly differentiated adipocytes in primary culture. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 34-42.	3.4	53
58	The need for T ₂ correction on MRS-based vertebral bone marrow fat quantification: implications for bone marrow fat fraction age dependence. <i>NMR in Biomedicine</i> , 2015, 28, 432-439.	2.8	52
59	MR-detected changes in liver fat, abdominal fat, and vertebral bone marrow fat after a four-week calorie restriction in obese women. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1272-1280.	3.4	51
60	Body fat distribution in men with angiographically confirmed coronary artery disease. <i>Atherosclerosis</i> , 1990, 85, 203-210.	0.8	49
61	Sonographic assessment of abdominal fat distribution during the first year of infancy. <i>Pediatric Research</i> , 2015, 78, 342-350.	2.3	48
62	Healthy living in pregnancy: a cluster-randomized controlled trial to prevent excessive gestational weight gain - rationale and design of the GeliS study. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 119.	2.4	46
63	A MicroRNA Linking Human Positive Selection and Metabolic Disorders. <i>Cell</i> , 2020, 183, 684-701.e14.	28.9	46
64	Hypoadiponectinemia and Proinflammatory State: Two Sides of the Same Coin?: Results From the Cooperative Health Research in the Region of Augsburg Survey 4 (KORA S4). <i>Diabetes Care</i> , 2006, 29, 1626-1631.	8.6	44
65	Gestational weight gain and overweight in children: Results from the cross-sectional German KiGGS study. <i>Pediatric Obesity</i> , 2011, 6, 45-52.	3.2	44
66	The Effect of Overweight and Nutrition on Prognosis in Breast Cancer. <i>Deutsches Arzteblatt International</i> , 2011, 108, 795-801.	0.9	42
67	Effect of maternal obesity with and without gestational diabetes on offspring subcutaneous and preperitoneal adipose tissue development from birth up to year-1. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 138.	2.4	41
68	Reduction of the n-6:n-3 long-chain PUFA ratio during pregnancy and lactation on offspring body composition: follow-up results from a randomized controlled trial up to 5 y of age. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1472-1481.	4.7	41
69	Amount, Distribution, and Quality of Protein Intake Are Not Associated with Muscle Mass, Strength, and Power in Healthy Older Adults without Functional Limitations~An enable Study. <i>Nutrients</i> , 2017, 9, 1358.	4.1	41
70	Associations Between C-Reactive Protein, Insulin Sensitivity, and Resting Metabolic Rate in Adults: A Mediator Analysis. <i>Frontiers in Endocrinology</i> , 2018, 9, 556.	3.5	39
71	Managing Type 2 Diabetes Mellitus in Patients with Obesity. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2004, 3, 223-232.	1.8	38
72	The Economic Burden of Obesity in Germany: Results from the Population-Based KORA Studies. <i>Obesity Facts</i> , 2016, 9, 397-409.	3.4	38

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73	Regional Differences in the Prevalence of the Metabolic Syndrome in Primary Care Practices in Germany. <i>Deutsches Arzteblatt International</i> , 2008, 105, 207-13.	0.9	38
74	Metabolic Effects of Replacing Sucrose by Isomaltulose in Subjects With Type 2 Diabetes. <i>Diabetes Care</i> , 2012, 35, 1249-1251.	8.6	37
75	The role of dietary fatty acids for early human adipose tissue growth. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 549S-555S.	4.7	35
76	Different Effects of Lifestyle Intervention in High- and Low-Risk Prediabetes: Results of the Randomized Controlled Prediabetes Lifestyle Intervention Study (PLIS). <i>Diabetes</i> , 2021, 70, 2785-2795.	0.6	35
77	Automatic segmentation of abdominal organs and adipose tissue compartments in water-fat MRI: Application to weight-loss in obesity. <i>European Journal of Radiology</i> , 2016, 85, 1613-1621.	2.6	34
78	Lifestyle and Body Weight Consequences of the COVID-19 Pandemic in Children: Increasing Disparity. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 1-3.	1.9	33
79	The HMG-CoA reductase inhibitor rosuvastatin inhibits plasminogen activator inhibitor-1 expression and secretion in human adipocytes. <i>Atherosclerosis</i> , 2008, 196, 565-573.	0.8	32
80	Association of a MTNR1B gene variant with fasting glucose and HOMA-B in children and adolescents with high BMI-SDS. <i>European Journal of Endocrinology</i> , 2011, 164, 205-212.	3.7	31
81	Genetic associations with lipoprotein subfractions provide information on their biological nature. <i>Human Molecular Genetics</i> , 2012, 21, 1433-1443.	2.9	28
82	Sensory and molecular characterisation of the protective effect of storage at ~80 °C on the odour profiles of human milk. <i>Food Chemistry</i> , 2012, 130, 236-242.	8.2	28
83	Lifestyle intervention to prevent excessive maternal weight gain: mother and infant follow-up at 12 months postpartum. <i>BMC Pregnancy and Childbirth</i> , 2015, 15, 265.	2.4	28
84	A regulatory variant at 3q21.1 confers an increased pleiotropic risk for hyperglycemia and altered bone mineral density. <i>Cell Metabolism</i> , 2021, 33, 615-628.e13.	16.2	28
85	Associations between Single Nucleotide Polymorphisms and Total Energy, Carbohydrate, and Fat Intakes: A Systematic Review. <i>Advances in Nutrition</i> , 2018, 9, 425-453.	6.4	27
86	Short-Term Effects of the Serious Game "Fit, Food, Fun" on Nutritional Knowledge: A Pilot Study among Children and Adolescents. <i>Nutrients</i> , 2019, 11, 2031.	4.1	27
87	Sensory and molecular characterisation of human milk odour profiles after maternal fish oil supplementation during pregnancy and breastfeeding. <i>Food Chemistry</i> , 2011, 128, 485-494.	8.2	26
88	Do lifestyle interventions during pregnancy have the potential to reduce long-term postpartum weight retention? A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2019, 20, 527-542.	6.5	26
89	Effect of <i>Spinacia oleracea</i> L. and <i>Perilla frutescens</i> L. on Antioxidants and Lipid Peroxidation in an Intervention Study in Healthy Individuals. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 71-76.	3.2	25
90	Efficacy and Safety of Cathine (Nor-Pseudoephedrine) in the Treatment of Obesity: A Randomized Dose-Finding Study. <i>Obesity Facts</i> , 2017, 10, 407-419.	3.4	24

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91	Overweight, Obesity and High Waist Circumference – Regional Differences in Prevalence in Primary Medical Care. <i>Deutsches Arzteblatt International</i> , 2008, 105, 827-33.	0.9	24
92	Maternal insulin resistance, triglycerides and cord blood insulin in relation to postnatal weight trajectories and body composition in the offspring up to 2 years. <i>Diabetic Medicine</i> , 2013, 30, 1500-1507.	2.3	23
93	Dietary n-3 long-chain polyunsaturated fatty acids upregulate energy dissipating metabolic pathways conveying anti-obesogenic effects in mice. <i>Nutrition and Metabolism</i> , 2018, 15, 65.	3.0	23
94	Differentiating supraclavicular from gluteal adipose tissue based on simultaneous PDFF and T ₂ * mapping using a 2D echo gradient echo acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 424-434.	3.4	23
95	Associations between lifestyle interventions during pregnancy and childhood weight and growth: a systematic review and meta-analysis. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021, 18, 8.	4.6	23
96	Targeted LC-ESI-MS2 characterization of human milk oligosaccharide diversity at 6 to 16 weeks post-partum reveals clear staging effects and distinctive milk groups. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6887-6907.	3.7	22
97	Plasma Metabolomics Reveal Alterations of Sphingo- and Glycerophospholipid Levels in Non-Diabetic Carriers of the Transcription Factor 7-Like 2 Polymorphism rs7903146. <i>PLoS ONE</i> , 2013, 8, e78430.	2.5	21
98	Cord blood and child plasma adiponectin levels in relation to childhood obesity risk and fat distribution up to 5 y. <i>Pediatric Research</i> , 2017, 81, 745-751.	2.3	21
99	Gender- and Age-Related Changes in Trunk Muscle Composition Using Chemical Shift Encoding-Based Water-Fat MRI. <i>Nutrients</i> , 2018, 10, 1972.	4.1	21
100	Effect of reducing the n6/n3 fatty acid ratio on the maternal and fetal leptin axis in relation to infant body composition. <i>Obesity</i> , 2014, 22, 217-224.	3.0	20
101	RANTES (CCL5) reduces glucose-dependent secretion of glucagon-like peptides 1 and 2 and impairs glucose-induced insulin secretion in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G330-G337.	3.4	20
102	Derangements of amino acids in cachectic skeletal muscle are caused by mitochondrial dysfunction. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 226-240.	7.3	20
103	Fatty Acid Esters of Hydroxy Fatty Acids (FAHFAs) Are Associated With Diet, BMI, and Age. <i>Frontiers in Nutrition</i> , 2021, 8, 691401.	3.7	20
104	Effects of Genetic Loci Associated with Central Obesity on Adipocyte Lipolysis. <i>PLoS ONE</i> , 2016, 11, e0153990.	2.5	19
105	Can Nutrition Lower the Risk of Recurrence in Breast Cancer. <i>Breast Care</i> , 2018, 13, 86-91.	1.4	19
106	Effects of a Lifestyle Intervention in Routine Care on Prenatal Dietary Behavior – Findings from the Cluster-Randomized GeliS Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 960.	2.4	19
107	Associations between Genotype – Diet Interactions and Weight Loss – A Systematic Review. <i>Nutrients</i> , 2020, 12, 2891.	4.1	19
108	Linking the <i>FTO</i> obesity rs1421085 variant circuitry to cellular, metabolic, and organismal phenotypes in vivo. <i>Science Advances</i> , 2021, 7, .	10.3	19

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109	The Impact of Nutrition on the Development and Prognosis of Breast Cancer. <i>Breast Care</i> , 2010, 5, 5-5.	1.4	18
110	Can an early weight management program (WMP) prevent olanzapine (OLZ)-induced disturbances in body weight, blood glucose and lipid metabolism? Twenty-four- and 48-week results from a 6-month randomized trial. <i>World Journal of Biological Psychiatry</i> , 2014, 15, 229-241.	2.6	18
111	Associations between the Prenatal Diet and Neonatal Outcomesâ€”A Secondary Analysis of the Cluster-Randomised GeliS Trial. <i>Nutrients</i> , 2019, 11, 1889.	4.1	18
112	Evaluation of antenatal risk factors for postpartum depression: a secondary cohort analysis of the cluster-randomised GeliS trial. <i>BMC Medicine</i> , 2020, 18, 227.	5.5	18
113	Environmental Interventions to Reduce the Consumption of Sugar-Sweetened Beverages: Abridged Cochrane Systematic Review. <i>Obesity Facts</i> , 2020, 13, 397-417.	3.4	18
114	Conventional weight loss interventions across the different <scp>BMI</scp> obesity classes: A systematic review and quantitative comparative analysis. <i>European Eating Disorders Review</i> , 2020, 28, 492-512.	4.1	18
115	Gender Differences in the Response to Short-term Cold Exposure in Young Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1938-e1948.	3.6	18
116	Impact of Waist Circumference Difference on Health-Care Cost among Overweight and Obese Subjects: The PROCEED Cohort. <i>Value in Health</i> , 2010, 13, 402-410.	0.3	17
117	Identification of Comprehensive Metabotypes Associated with Cardiometabolic Diseases in the Populationâ€Based KORA Study. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800117.	3.3	17
118	Effects of a Lifestyle Intervention in Routine Care on Short- and Long-Term Maternal Weight Retention and Breastfeeding Behaviorâ€”12 Months Follow-up of the Cluster-Randomized GeliS Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 876.	2.4	17
119	Impact of Laparoscopic Sleeve Gastrectomy on Gut Permeability in Morbidly Obese Subjects. <i>Obesity Surgery</i> , 2019, 29, 2132-2143.	2.1	17
120	Daily and per-meal animal and plant protein intake in relation to muscle mass in healthy older adults without functional limitations: an enable study. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 1271-1281.	2.9	17
121	Maternal low-dose estradiol-17 β exposure during pregnancy impairs postnatal progeny weight development and body composition. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 338-344.	2.8	16
122	Comparative analysis of plasma metabolomics response to metabolic challenge tests in healthy subjects and influence of the FTO obesity risk allele. <i>Metabolomics</i> , 2014, 10, 386-401.	3.0	16
123	The Non-Linear Relationship between BMI and Health Care Costs and the Resulting Cost Fraction Attributable to Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 984.	2.6	16
124	Effects of a lifestyle intervention â€”in routine care on prenatal physical activity â€” findings from the cluster-randomised GeliS trial. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 414.	2.4	16
125	Machine Learning based histology phenotyping to investigate the epidemiologic and genetic basis of adipocyte morphology and cardiometabolic traits. <i>PLoS Computational Biology</i> , 2020, 16, e1008044.	3.2	16
126	A distribution-centered approach for analyzing human adipocyte size estimates and their association with obesity-related traits and mitochondrial function. <i>International Journal of Obesity</i> , 2021, 45, 2108-2117.	3.4	16

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127	Transcriptome and fatty-acid signatures of adipocyte hypertrophy and its non-invasive MR-based characterization in human adipose tissue. <i>EBioMedicine</i> , 2022, 79, 104020.	6.1	16
128	Leptin in Maternal Plasma and Cord Blood as a Predictor of Offspring Adiposity at 5 Years: A Follow-up Study. <i>Obesity</i> , 2018, 26, 279-283.	3.0	15
129	Short-term cold exposure supports human Treg induction in vivo. <i>Molecular Metabolism</i> , 2019, 28, 73-82.	6.5	15
130	Characterization of Bulk Phosphatidylcholine Compositions in Human Plasma Using Side-Chain Resolving Lipidomics. <i>Metabolites</i> , 2019, 9, 109.	2.9	15
131	Measuring large lipid droplet sizes by probing restricted lipid diffusion effects with diffusion-weighted MRS at 3T. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3427-3439.	3.0	15
132	A Phenotyping Platform to Characterize Healthy Individuals Across Four Stages of Life - The Enable Study. <i>Frontiers in Nutrition</i> , 2020, 7, 582387.	3.7	15
133	OBEDIS Core Variables Project: European Expert Guidelines on a Minimal Core Set of Variables to Include in Randomized, Controlled Clinical Trials of Obesity Interventions. <i>Obesity Facts</i> , 2020, 13, 1-28.	3.4	15
134	Orthorexic tendencies moderate the relationship between semi-vegetarianism and depressive symptoms. <i>Eating and Weight Disorders</i> , 2021, 26, 623-628.	2.5	15
135	Orthorexic tendencies in the general population: association with demographic data, psychiatric symptoms, and utilization of mental health services. <i>Eating and Weight Disorders</i> , 2021, 26, 1511-1519.	2.5	15
136	The Rho GTPase RND3 regulates adipocyte lipolysis. <i>Metabolism: Clinical and Experimental</i> , 2019, 101, 153999.	3.4	14
137	Associations between Prenatal Physical Activity and Neonatal and Obstetric Outcomes—A Secondary Analysis of the Cluster-Randomized GeliS Trial. <i>Journal of Clinical Medicine</i> , 2019, 8, 1735.	2.4	14
138	Gene variants of monocyte chemoattractant protein 1 and components of metabolic syndrome in KORA S4, Augsburg. <i>European Journal of Endocrinology</i> , 2007, 156, 377-385.	3.7	13
139	Fish Consumption, Allergic Sensitisation and Allergic Diseases in Adults. <i>Annals of Nutrition and Metabolism</i> , 2009, 54, 67-74.	1.9	13
140	New metabolic interdependencies revealed by plasma metabolite profiling after two dietary challenges. <i>Metabolomics</i> , 2011, 7, 388-399.	3.0	13
141	Postprandial activation of metabolic and inflammatory signalling pathways in human peripheral mononuclear cells. <i>British Journal of Nutrition</i> , 2014, 111, 2167-2175.	2.3	13
142	Modifying effect of metabotype on diet-diabetes associations. <i>European Journal of Nutrition</i> , 2020, 59, 1357-1369.	3.9	13
143	Infant growth during the first year of life following a pregnancy lifestyle intervention in routine care—Findings from the cluster-randomised GeliS trial. <i>Pediatric Obesity</i> , 2021, 16, e12705.	2.8	13
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