Antje Krner

List of Publications by Citations

243 papers	13,459 citations	53 h-index	112 g-index
277 ext. papers	16,243 ext. citations	6.9 avg, IF	5.75 L-index

#	Paper	IF	Citations
243	Variation in FTO contributes to childhood obesity and severe adult obesity. *Nature Genetics*, **2007**, 39, 724-6	36.3	1205
242	Nampt/PBEF/Visfatin regulates insulin secretion in beta cells as a systemic NAD biosynthetic enzyme. *Cell Metabolism*, **2007**, 6, 363-75	24.6	667
241	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
240	Genome-wide association study for early-onset and morbid adult obesity identifies three new risk loci in European populations. *Nature Genetics*, **2009**, 41, 157-9	36.3	521
239	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. *Nature*, **2012**, 483, 350-4	50.4	484
238	Gene profiling reveals unknown enhancing and suppressive actions of glucocorticoids on immune cells. *FASEB Journal*, **2002**, 16, 61-71	0.9	447
237	Gender differences of adiponectin levels develop during the progression of puberty and are related to serum androgen levels. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4053-61	5.6	366
236	Adipocytokines: leptin--the classical, resistin--the controversical, adiponectin--the promising, and more to come. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2005**, 19, 525-46	6.5	315
235	Nampt: linking NAD biology, metabolism and cancer. *Trends in Endocrinology and Metabolism*, **2009**, 20, 130-8	8.8	308
234	Acceleration of BMI in Early Childhood and Risk of Sustained Obesity. *New England Journal of Medicine*, **2018**, 379, 1303-1312	59.2	304
233	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	42.4	266
232	Two new Loci for body-weight regulation identified in a joint analysis of genome-wide association studies for early-onset extreme obesity in French and german study groups. *PLoS Genetics*, **2010**, 6, e1000916	6	250
231	Common nonsynonymous variants in PCSK1 confer risk of obesity. *Nature Genetics*, **2008**, 40, 943-5	36.3	242
230	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. *Nature Genetics*, **2013**, 45, 76-82	36.3	232
229	Soluble leptin receptor represents the main leptin binding activity in human blood. *Biochemical and Biophysical Research Communications*, **2001**, 283, 982-8	3.4	229
228	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. *PLoS Medicine*, **2017**, 14, e1002383	11.6	223
227	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217

226	Reference intervals for insulin-like growth factor-1 (igf-i) from birth to senescence: results from a multicenter study using a new automated chemiluminescence IGF-I immunoassay conforming to recent international recommendations. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 1712-21	5.6	209
225	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. *Human Molecular Genetics*, **2016**, 25, 389-403	5.6	202
224	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
223	Total and high-molecular-weight adiponectin in breast cancer: in vitro and in vivo studies. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 1041-8	5.6	180
222	Fatty acid synthase gene expression in human adipose tissue: association with obesity and type 2 diabetes. *Diabetologia*, **2007**, 50, 1472-80	10.3	165
221	Circulating soluble leptin receptor and free leptin index during childhood, puberty, and adolescence. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 4587-94	5.6	156
220	Serum resistin levels of obese and lean children and adolescents: biochemical analysis and clinical relevance. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 4503-9	5.6	155
219	Leucocytes are a major source of circulating nicotinamide phosphoribosyltransferase (NAMPT)/pre-B cell colony (PBEF)/visfatin linking obesity and inflammation in humans. *Diabetologia* , **2011**, 54, 1200-11	10.3	131
218	Molecular characteristics of serum visfatin and differential detection by immunoassays. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 4783-91	5.6	125
217	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
216	Trim28 Haploinsufficiency Triggers Bi-stable Epigenetic Obesity. *Cell*, **2016**, 164, 353-64	56.2	121
215	PROP1 mutations cause progressive deterioration of anterior pituitary function including adrenal insufficiency: a longitudinal analysis. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 5256-65	5.6	120
214	Chemerin as a mediator between obesity and vascular inflammation in children. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E556-64	5.6	119
213	New predictors of the metabolic syndrome in children--role of adipocytokines. *Pediatric Research*, **2007**, 61, 640-5	3.2	117
212	Serum irisin levels are regulated by acute strenuous exercise. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 1289-99	5.6	111
211	The LIFE child study: a life course approach to disease and health. *BMC Public Health*, **2012**, 12, 1021	4.1	110
210	Nicotinamide phosphoribosyltransferase (NAMPT/PBEF/visfatin) is constitutively released from human hepatocytes. *Biochemical and Biophysical Research Communications*, **2010**, 391, 376-81	3.4	109
209	Satisfaction with genital surgery and sexual life of adults with XY disorders of sex development: results from the German clinical evaluation study. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 577-88	5.6	106

208	The LIFE Child study: a population-based perinatal and pediatric cohort in Germany. *European Journal of Epidemiology*, **2017**, 32, 145-158	12.1	103
207	Adiponectin expression in humans is dependent on differentiation of adipocytes and down-regulated by humoral serum components of high molecular weight. *Biochemical and Biophysical Research Communications*, **2005**, 337, 540-50	3.4	99
206	Evidence of early alterations in adipose tissue biology and function and its association with obesity-related inflammation and insulin resistance in children. *Diabetes*, **2015**, 64, 1249-61	0.9	96
205	The soluble leptin receptor is crucial for leptin action: evidence from clinical and experimental data. *International Journal of Obesity*, **2003**, 27, 1472-8	5.5	93
204	Effect of increased exercise in school children on physical fitness and endothelial progenitor cells: a prospective randomized trial. *Circulation*, **2009**, 120, 2251-9	16.7	89
203	Effects of obesity on human sexual development. *Nature Reviews Endocrinology*, **2012**, 8, 246-54	15.2	86
202	Adipocytes and adipose tissue. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2008**, 22, 135-53	6.5	84
201	A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Human Molecular Genetics*, **2015**, 24, 1155-68	5.6	77
200	Short-term overfeeding of zebrafish with normal or high-fat diet as a model for the development of metabolically healthy versus unhealthy obesity. *BMC Physiology*, **2017**, 17, 4	0	76
199	Childhood obesity: impact on cardiac geometry and function. *JACC: Cardiovascular Imaging*, **2014**, 7, 1198-205	8.4	73
198	Heterozygous mutation within a kinase-conserved motif of the insulin-like growth factor I receptor causes intrauterine and postnatal growth retardation. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 1137-42	5.6	68
197	Dietary Intake, FTO Genetic Variants, and Adiposity: A Combined Analysis of Over 16,000 Children and Adolescents. *Diabetes*, **2015**, 64, 2467-76	0.9	66
196	Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. *Human Molecular Genetics*, **2014**, 23, 4452-64	5.6	66
195	Functional relevance of genes implicated by obesity genome-wide association study signals for human adipocyte biology. *Diabetologia*, **2013**, 56, 311-22	10.3	65
194	Adipose tissue expression and genetic variants of the bone morphogenetic protein receptor 1A gene (BMPR1A) are associated with human obesity. *Diabetes*, **2009**, 58, 2119-28	0.9	65
193	New pediatric percentiles of liver enzyme serum levels (alanine aminotransferase, aspartate aminotransferase, □glutamyltransferase): Effects of age, sex, body mass index, and pubertal stage. *Hepatology*, **2018**, 68, 1319-1330	11.2	60
192	Novel Insights in the Metabolic Syndrome in Childhood and Adolescence. *Hormone Research in Paediatrics*, **2017**, 88, 181-193	3.3	57
191	Vaspin is related to gender, puberty and deteriorating insulin sensitivity in children. *International Journal of Obesity*, **2011**, 35, 578-86	5.5	54

190	TCF7L2 and therapeutic response to sulfonylureas in patients with type 2 diabetes. *BMC Medical Genetics*, **2011**, 12, 30	2.1	52
189	Reference intervals for TSH and thyroid hormones are mainly affected by age, body mass index and number of blood leucocytes, but hardly by gender and thyroid autoantibodies during the first decades of life. *Clinical Biochemistry*, **2008**, 41, 1091-8	3.5	52
188	Clinical evidence-based cutoff limits for GH stimulation tests in children with a backup of results with reference to mass spectrometry. *European Journal of Endocrinology*, **2014**, 171, 389-97	6.5	50
187	ENPP1 variants and haplotypes predispose to early onset obesity and impaired glucose and insulin metabolism in German obese children. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 4948-52	5.6	49
186	Deletion of tyrosine hydroxylase gene reveals functional interdependence of adrenocortical and chromaffin cell system in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 14742-7	11.5	47
185	Breast milk alkylglycerols sustain beige adipocytes through adipose tissue macrophages. *Journal of Clinical Investigation*, **2019**, 129, 2485-2499	15.9	45
184	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
183	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. *Nature Communications*, **2019**, 10, 4130	17.4	43
182	Direct evidence of brown adipocytes in different fat depots in children. *PLoS ONE*, **2015**, 10, e0117841	3.7	42
181	Sirolimus treatment of severe PTEN hamartoma tumor syndrome: case report and in vitro studies. *Pediatric Research*, **2014**, 75, 527-34	3.2	41
180	mediates the impact of prenatal bisphenol A exposure on long-term body weight development. *Clinical Epigenetics*, **2018**, 10, 58	7.7	40
179	Fatty Acid Oxidation Compensates for Lipopolysaccharide-Induced Warburg Effect in Glucose-Deprived Monocytes. *Frontiers in Immunology*, **2017**, 8, 609	8.4	39
178	Retinol binding protein 4 (RBP4) is primarily associated with adipose tissue mass in children. *Pediatric Obesity*, **2011**, 6, e345-52		39
177	Medical care of obese children and adolescents. APV: a standardised multicentre documentation derived to study initial presentation and cardiovascular risk factors in patients transferred to specialised treatment institutions. *European Journal of Pediatrics*, **2004**, 163, 308-12	4.1	38
176	The adipocytokine Nampt and its product NMN have no effect on beta-cell survival but potentiate glucose stimulated insulin secretion. *PLoS ONE*, **2013**, 8, e54106	3.7	37
175	FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. *Nature Communications*, **2020**, 11, 1421	17.4	36
174	Bone morphogenetic protein 2 (BMP2) may contribute to partition of energy storage into visceral and subcutaneous fat depots. *Obesity*, **2016**, 24, 2092-100	8	36
173	Inverse changes in the serum levels of the soluble leptin receptor and leptin in neonates: relations to anthropometric data. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 2212-7	5.6	36

172	Evaluation of A2BP1 as an obesity gene. *Diabetes*, **2010**, 59, 2837-45	0.9	35
171	Type 2 diabetes mellitus in children and adolescents: a review from a European perspective. *Hormone Research in Paediatrics*, **2003**, 59 Suppl 1, 77-84	3.3	34
170	Serum visfatin and vaspin levels in prepubertal children: effect of obesity and weight loss after behavior modifications on their secretion and relationship with glucose metabolism. *International Journal of Obesity*, **2011**, 35, 1355-62	5.5	33
169	Preclinical challenges in steroid analysis of human samples. *Journal of Steroid Biochemistry and Molecular Biology*, **2010**, 121, 505-12	5.1	33
168	Harmonization of growth hormone measurements with different immunoassays by data adjustment. *Clinical Chemistry and Laboratory Medicine*, **2011**, 49, 1135-42	5.9	33
167	Genetic and evolutionary analyses of the human bone morphogenetic protein receptor 2 (BMPR2) in the pathophysiology of obesity. *PLoS ONE*, **2011**, 6, e16155	3.7	33
166	Further stabilization and even decrease in the prevalence rates of overweight and obesity in German children and adolescents from 2005 to 2015: a cross-sectional and trend analysis. *Public Health Nutrition*, **2017**, 20, 3075-3083	3.3	32
165	Leptin inhibits cell growth of human vascular smooth muscle cells. *Vascular Pharmacology*, **2007**, 46, 67-71	3.9	32
164	A season of aseptic meningitis in Germany: epidemiologic, clinical and diagnostic aspects. *Pediatric Infectious Disease Journal*, **2002**, 21, 1126-32	3.4	32
163	Rare Variant Analysis of Human and Rodent Obesity Genes in Individuals with Severe Childhood Obesity. *Scientific Reports*, **2017**, 7, 4394	4.9	31
162	Reciprocal Associations between Electronic Media Use and Behavioral Difficulties in Preschoolers. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	31
161	Reference intervals of nine steroid hormones over the life-span analyzed by LC-MS/MS: Effect of age, gender, puberty, and oral contraceptives. *Journal of Steroid Biochemistry and Molecular Biology* , **2019**, 193, 105409	5.1	30
160	Associations Between Socio-Economic Status and Child Health: Findings of a Large German Cohort Study. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	30
159	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
158	TCF7L2 gene polymorphisms confer an increased risk for early impairment of glucose metabolism and increased height in obese children. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 1956-60	5.6	29
157	Lack of leptin suppression in response to hypersecretion of catecholamines in pheochromocytoma patients. *Metabolism: Clinical and Experimental*, **1999**, 48, 543-5	12.7	29
156	Laparoscopic sleeve gastrectomy achieves substantial weight loss in an adolescent girl with morbid obesity. *European Journal of Pediatric Surgery*, **2008**, 18, 47-9	1.9	28
155	Metabolic decompensation in children with type 1 diabetes mellitus associated with increased serum levels of the soluble leptin receptor. *European Journal of Endocrinology*, **2006**, 155, 609-14	6.5	27

154	Polygenic contribution to obesity: genome-wide strategies reveal new targets. *Frontiers of Hormone Research*, **2008**, 36, 12-36	3.5	26
153	Nampt and its potential role in inflammation and type 2 diabetes. *Handbook of Experimental Pharmacology*, **2011**, 147-64	3.2	25
152	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25
151	Does an altered leptin axis play a role in obesity among children and adolescents with classical congenital adrenal hyperplasia due to 21-hydroxylase deficiency?. *European Journal of Endocrinology*, **2009**, 160, 239-47	6.5	24
150	Effects of genetic variation in the visfatin gene (PBEF1) on obesity, glucose metabolism, and blood pressure in children. *Metabolism: Clinical and Experimental*, **2007**, 56, 772-7	12.7	24
149	FTO Obesity Risk Variants Are Linked to Adipocyte IRX3 Expression and BMI of Children - Relevance of FTO Variants to Defend Body Weight in Lean Children?. *PLoS ONE*, **2016**, 11, e0161739	3.7	24
148	Impact of weight status on the onset and parameters of puberty: analysis of three representative cohorts from central Europe. *Journal of Pediatric Endocrinology and Metabolism*, **2008**, 21, 865-77	1.6	23
147	Increasing physical education in high school students: effects on concentration of circulating endothelial progenitor cells. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2008**, 15, 416-22		23
146	Different isoforms of the soluble leptin receptor in non-pregnant and pregnant mice. *Biochemical and Biophysical Research Communications*, **2002**, 298, 798-804	3.4	22
145	Serum concentrations of anti-thyroid peroxidase and anti-thyroglobulin antibodies in children and adolescents without apparent thyroid disorders. *Clinical Biochemistry*, **2014**, 47, 3-7	3.5	21
144	Regulation of human adipogenesis by miR125b-5p. *Adipocyte*, **2016**, 5, 283-97	3.2	21
143	Diabetes screening in overweight and obese children and adolescents: choosing the right test. *European Journal of Pediatrics*, **2017**, 176, 89-97	4.1	20
142	Paradoxical role for adiponectin in chronic renal diseases? An example of reverse epidemiology. *Expert Opinion on Therapeutic Targets*, **2009**, 13, 163-73	6.4	20
141	Sex-specific effect of the Val1483Ile polymorphism in the fatty acid synthase gene (FAS) on body mass index and lipid profile in Caucasian children. *International Journal of Obesity*, **2007**, 31, 353-8	5.5	20
140	METRNL decreases during adipogenesis and inhibits adipocyte differentiation leading to adipocyte hypertrophy in humans. *International Journal of Obesity*, **2017**, 41, 112-119	5.5	19
139	Clinical and functional relevance of melanocortin-4 receptor variants in obese German children. *Hormone Research in Paediatrics*, **2012**, 78, 237-46	3.3	19
138	Longitudinal multicenter analysis on the course of glucose metabolism in obese children. *International Journal of Obesity*, **2013**, 37, 931-6	5.5	19
137	The Early Growth Genetics (EGG) and EArly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. *European Journal of Epidemiology*, **2019**, 34, 279-300	12.1	18

136	Children and adolescents with obesity have reduced serum bone turnover markers and 25-hydroxyvitamin D but increased parathyroid hormone concentrations - Results derived from new pediatric reference ranges. *Bone*, **2020**, 132, 115124	4.7	18
135	Health impact in children and adolescents. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2013**, 27, 229-38	6.5	17
134	Effect of genetic variation in the human fatty acid synthase gene (FASN) on obesity and fat depot-specific mRNA expression. *Obesity*, **2010**, 18, 1218-25	8	17
133	Perception of body weight status: a case control study of obese and lean children and adolescents and their parents. *Obesity Facts*, **2010**, 3, 83-91	5.1	17
132	Effects of genetic variants in ADCY5, GIPR, GCKR and VPS13C on early impairment of glucose and insulin metabolism in children. *PLoS ONE*, **2011**, 6, e22101	3.7	17
131	Vegetarian diets in childhood and adolescence : Position paper of the nutrition committee, German Society for Paediatric and Adolescent Medicine (DGKJ). *Molecular and Cellular Pediatrics*, **2019**, 6, 4	3.3	17
130	Complementary foods in baby food pouches: position statement from the Nutrition Commission of the German Society for Pediatrics and Adolescent Medicine (DGKJ, e.V.). *Molecular and Cellular Pediatrics*, **2019**, 6, 2	3.3	16
129	Impact of metabolic regulators on the expression of the obesity associated genes FTO and NAMPT in human preadipocytes and adipocytes. *PLoS ONE*, **2011**, 6, e19526	3.7	16
128	Obesity in childhood and adolescence: a review in the interface between adipocyte physiology and clinical challenges. *Hormones*, **2005**, 4, 189-199	3.1	16
127	Loss of childcare and classroom teaching during the Covid-19-related lockdown in spring 2020: A longitudinal study on consequences on leisure behavior and schoolwork at home. *PLoS ONE*, **2021**, 16, e0247949	3.7	16
126	Reciprocal Longitudinal Associations Between AdolescentsPMedia Consumption and Psychological Health. *Academic Pediatrics*, **2019**, 19, 109-117	2.7	16
125	Functional and clinical relevance of novel and known variants for childhood obesity and glucose metabolism. *Molecular Metabolism*, **2017**, 6, 295-305	8.8	15
124	A novel FoxD3 Variant Is Associated With Vitiligo and Elevated Thyroid Auto-Antibodies. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1335-42	5.6	15
123	Nocturnal levels of chemerin and progranulin in adolescents: influence of sex, body mass index, glucose metabolism and sleep. *Journal of Pediatric Endocrinology and Metabolism*, **2017**, 30, 57-61	1.6	14
122	NAMPT serum levels are selectively elevated in acute infectious disease and in acute relapse of chronic inflammatory diseases in children. *PLoS ONE*, **2017**, 12, e0183027	3.7	14
121	TCF7L2 gene expression in human visceral and subcutaneous adipose tissue is differentially regulated but not associated with type 2 diabetes mellitus. *Metabolism: Clinical and Experimental*, **2008**, 57, 1227-31	12.7	14
120	The effect of green Mediterranean diet on cardiometabolic risk; a randomised controlled trial. *Heart*, **2020**,	5.1	14
119	The repertoire of Adhesion G protein-coupled receptors in adipocytes and their functional relevance. *International Journal of Obesity*, **2020**, 44, 2124-2136	5.5	13

118	The BDNF Val66Met polymorphism is associated with lower BMI, lower postprandial glucose levels and elevated carbohydrate intake in children and adolescents. *Pediatric Obesity*, **2018**, 13, 159-167	4.6	13
117	Serum Uric Acid Levels as an Indicator for Metabolically Unhealthy Obesity in Children and Adolescents. *Hormone Research in Paediatrics*, **2018**, 90, 19-27	3.3	13
116	Multicenter evaluation of a new automated electrochemiluminescence immunoassay for the quantification of testosterone compared to liquid chromatography tandem mass spectrometry. *Clinical Biochemistry*, **2011**, 44, 264-7	3.5	13
115	PNMT transgenic mice have an aggressive phenotype. *Hormone and Metabolic Research*, **2005**, 37, 159-63	3.1	13
114	Genetic Contribution of Variants near SORT1 and APOE on LDL Cholesterol Independent of Obesity in Children. *PLoS ONE*, **2015**, 10, e0138064	3.7	13
113	The Bone Markers Sclerostin, Osteoprotegerin, and Bone-Specific Alkaline Phosphatase Are Related to Insulin Resistance in Children and Adolescents, Independent of Their Association with Growth and Obesity. *Hormone Research in Paediatrics*, **2019**, 91, 1-8	3.3	12
112	Knocking out the stress response. *Molecular Psychiatry*, **1999**, 4, 403-7	15.1	12
111	Adipocyte C1QTNF5 expression is BMI-dependently related to early adipose tissue dysfunction and systemic CTRP5 serum levels in obese children. *International Journal of Obesity*, **2017**, 41, 955-963	5.5	11
110	Validity and intraobserver reliability of three-dimensional scanning compared with conventional anthropometry for children and adolescents from a population-based cohort study. *Pediatric Research*, **2017**, 81, 736-744	3.2	11
109	Age- and Sex-Related Percentiles of Skinfold Thickness, Waist and Hip Circumference, Waist-to-Hip Ratio and Waist-to-Height Ratio: Results from a Population-Based Pediatric Cohort in Germany (LIFE Child). *Obesity Facts*, **2019**, 12, 25-39	5.1	11
108	Relation of Whole Blood Amino Acid and Acylcarnitine Metabolome to Age, Sex, BMI, Puberty, and Metabolic Markers in Children and Adolescents. *Metabolites*, **2020**, 10,	5.6	11
107	Adiponectin levels are high in children with classic congenital adrenal hyperplasia (CAH) due to 21-hydroxylase deficiency. *Acta Paediatrica, International Journal of Paediatrics*, **2009**, 98, 885-91	3.1	11
106	Modulation of triglyceride accumulation in adipocytes by psychopharmacological agents in vitro. *Journal of Psychiatric Research*, **2016**, 72, 37-42	5.2	11
105	Osteopontin is BMI-independently Related to Early Endothelial Dysfunction in Children. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4161-4169	5.6	10
104	Critical evaluation of methods for determination of body fat content in children: back to basic parameters?. *Hormone and Metabolic Research*, **2007**, 39, 31-40	3.1	10
103	Well-being and COVID-19-related worries of German children and adolescents: A longitudinal study from pre-COVID to the end of lockdown in Spring 2020. *JCPP Advances*, **2021**, 1, e12004		10
102	Relations between sleep duration with overweight and academic stress-just a matter of the socioeconomic status?. *Sleep Health*, **2019**, 5, 208-215	4	10
101	Vitamin-D-Supplementierung jenseits des zweiten Lebensjahres. *Monatsschrift Fur Kinderheilkunde*, **2018**, 166, 814-822	0.2	9

100	Insulin-Like Peptide 5 Interacts with Sex Hormones and Metabolic Parameters in a Gender and Adiposity Dependent Manner in Humans. *Hormone and Metabolic Research*, **2016**, 48, 589-94	3.1	9
99	Will the Real Coeliac Disease Please Stand Up? Coeliac Disease Prevalence in the German LIFE Child Study. *Journal of Pediatric Gastroenterology and Nutrition*, **2018**, 67, 494-500	2.8	9
98	The Novel Phosphatidylinositol-3-Kinase (PI3K) Inhibitor Alpelisib Effectively Inhibits Growth of PTEN-Haploinsufficient Lipoma Cells. *Cancers*, **2019**, 11,	6.6	9
97	Definition and early diagnosis of metabolic syndrome in children. *Journal of Pediatric Endocrinology and Metabolism*, **2020**, 33, 821-833	1.6	9
96	Metabolic syndrome in children and adolescents--risk for sleep-disordered breathing and obstructive sleep-apnoea syndrome?. *Archives of Physiology and Biochemistry*, **2008**, 114, 237-43	2.2	8
95	Associations of Green Spaces and Streets in the Living Environment with Outdoor Activity, Media Use, Overweight/Obesity and Emotional Wellbeing in Children and Adolescents. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	8
94	Persistence of Obesity from Early Childhood Onward. *New England Journal of Medicine*, **2019**, 380, 194-195	59.2	8
93	Omentin-1 and NAMPT serum concentrations are higher and CK-18 levels are lower in children and adolescents with type 1 diabetes when compared to healthy age, sex and BMI matched controls. *Journal of Pediatric Endocrinology and Metabolism*, **2018**, 31, 959-969	1.6	8
92	Alternatives for the worse: Molecular insights into adverse effects of bisphenol a and substitutes during human adipocyte differentiation. *Environment International*, **2021**, 156, 106730	12.9	8
91	Low association between fasting and OGTT stimulated glucose levels with HbA1c in overweight children and adolescents. *Pediatric Diabetes*, **2017**, 18, 734-741	3.6	7
90	Five-Year Outcomes of Gastric Bypass in Adolescents as Compared with Adults. *New England Journal of Medicine*, **2019**, 381, e17	59.2	7
89	Influence of overweight/obesity, socioeconomic status, and oral hygiene on caries in primary dentition. *Journal of Investigative and Clinical Dentistry*, **2019**, 10, e12394	2.3	7
88	Male Obesity. *Endocrinology and Metabolism Clinics of North America*, **2015**, 44, 761-72	5.5	7
87	Body typing of children and adolescents using 3D-body scanning. *PLoS ONE*, **2017**, 12, e0186881	3.7	7
86	Obesity genes: implication in childhood obesity. *Paediatrics and Child Health (United Kingdom)*, **2012** , 22, 31-36	0.6	7
85	Gamma-glutamyl transferase is strongly associated with degree of overweight and sex. *Journal of Pediatric Gastroenterology and Nutrition*, **2011**, 52, 635-8	2.8	7
84	Is circulating osteocalcin related to adipokines and overweight/obesity in children and adolescents?. *Experimental and Clinical Endocrinology and Diabetes*, **2012**, 120, 383-7	2.3	7
83	Pharmacoeconomics of obesity management in childhood and adolescence. *Expert Opinion on Pharmacotherapy*, **2003**, 4, 1471-7	4	7

82	Hyperleptinaemia does not correlate with plasma catecholamine levels in chronic heart failure. *European Heart Journal*, **1999**, 20, 1051-2	9.5	7
81	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPARG. *Cell Reports*, **2020**, 33, 108295	10.6	7
80	Resveratrol Potentiates Growth Inhibitory Effects of Rapamycin in PTEN-deficient Lipoma Cells by Suppressing p70S6 Kinase Activity. *Nutrition and Cancer*, **2016**, 68, 342-9	2.8	7
79	Hair Cortisol Concentration in Healthy Children and Adolescents Is Related to Puberty, Age, Gender, and Body Mass Index. *Hormone Research in Paediatrics*, **2019**, 92, 237-244	3.3	7
78	Simvastatin induces apoptosis in PTEN-haploinsufficient lipoma cells. *International Journal of Molecular Medicine*, **2018**, 41, 3691-3698	4.4	7
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