Anke Hinney

List of Publications by Year in Descending Order

226 papers	15,607 citations	61 h-index	121 g-index
269 ext. papers	18,037 ext. citations	7.2 avg, IF	5.36 L-index

#	Paper	IF	Citations
226	Der Einfluss von maternaler Adipositas auf Gewichtsentwicklung und kardiometabolisches Risiko der Nachkommen – alles eine Frage der Gene? **2022**, 261-275		
225	Genetische Determination der Gewichtsentwicklung **2022**, 87-96		
224	Genetik und Gen-Umwelt-Interaktionen **2022**, 47-59		
223	Size Matters: The CAG Repeat Length of the Androgen Receptor Gene, Testosterone, and Male Adolescent Depression Severity. *Frontiers in Psychiatry*, **2021**, 12, 732759	5	0
222	A mendelian randomization study on causal effects of 25(OH)vitamin D levels on attention deficit/hyperactivity disorder. *European Journal of Nutrition*, **2021**, 60, 2581-2591	5.2	2
221	Rapid amelioration of anorexia nervosa in a male adolescent during metreleptin treatment including recovery from hypogonadotropic hypogonadism. *European Child and Adolescent Psychiatry*, **2021**, 1	5.5	3
220	Lack of Evidence for a Relationship Between the Hypothalamus-Pituitary-Adrenal and the Hypothalamus-Pituitary-Thyroid Axis in Adolescent Depression. *Frontiers in Endocrinology*, **2021**, 12, 662243	5.7	2
219	Klotho KL-VS haplotype does not improve cognition in a population-based sample of adults age 55-87 years. *Scientific Reports*, **2021**, 11, 13852	4.9	1
218	Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. *Addiction Biology*, **2021**, 26, e12880	4.6	12
217	Alterations in B cell subsets correlate with body composition parameters in female adolescents with anorexia nervosa. *Scientific Reports*, **2021**, 11, 1125	4.9	3
216	Synaptic processes and immune-related pathways implicated in Tourette syndrome. *Translational Psychiatry*, **2021**, 11, 56	8.6	11
215	Common Genetic Variation And Age at Onset Of Anorexia Nervosa. *Biological Psychiatry Global Open Science*, **2021**,		3
214	Suggestive Evidence for Causal Effect of Leptin Levels on Risk for Anorexia Nervosa: Results of a Mendelian Randomization Study. *Frontiers in Genetics*, **2021**, 12, 733606	4.5	3
213	Elevated common variant genetic risk for tourette syndrome in a densely-affected pedigree. *Molecular Psychiatry*, **2021**,	15.1	1
212	Effect of vitamin D deficiency on depressive symptoms in child and adolescent psychiatric patients: results of a randomized controlled trial. *European Journal of Nutrition*, **2020**, 59, 3415-3424	5.2	8
211	The Role of Genetic Variation of BMI, Body Composition, and Fat Distribution for Mental Traits and Disorders: A Look-Up and Mendelian Randomization Study. *Frontiers in Genetics*, **2020**, 11, 373	4.5	4
210	Genetic and epigenetic findings in anorexia nervosa. *Medizinische Genetik*, **2020**, 32, 25-29	0.5	2

209	Short-term metreleptin treatment of patients with anorexia nervosa: rapid on-set of beneficial cognitive, emotional, and behavioral effects. *Translational Psychiatry*, **2020**, 10, 303	8.6	18
208	No Effect of Thyroid Dysfunction and Autoimmunity on Health-Related Quality of Life and Mental Health in Children and Adolescents: Results From a Nationwide Cross-Sectional Study. *Frontiers in Endocrinology*, **2020**, 11, 454	5.7	3
207	Assessing causal links between metabolic traits, inflammation and schizophrenia: a univariable and multivariable, bidirectional Mendelian-randomization study. *International Journal of Epidemiology*, **2019**, 48, 1505-1514	7.8	15
206	Genetics of Eating and Weight Disorders **2019**, 67-71		
205	Vitamin D and the Risk of Depression: A Causal Relationship? Findings from a Mendelian Randomization Study. *Nutrients*, **2019**, 11,	6.7	22
204	Melanocortin-4 Receptor and Lipocalin 2 Gene Variants in Spanish Children with Abdominal Obesity: Effects on BMI-SDS After a Lifestyle Intervention. *Nutrients*, **2019**, 11,	6.7	3
203	Associations Between Attention-Deficit/Hyperactivity Disorder and Various Eating Disorders: A Swedish Nationwide Population Study Using Multiple Genetically Informative Approaches. *Biological Psychiatry*, **2019**, 86, 577-586	7.9	24
202	Interrogating the Genetic Determinants of Tourette's Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. *American Journal of Psychiatry*, **2019**, 176, 217-227	11.9	95
201	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. *Nature Genetics*, **2019**, 51, 1207-1214	36.3	303
200	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. *Human Molecular Genetics*, **2019**, 28, 3327-3338	5.6	30
199	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. *Cell*, **2019**, 179, 1469-1482.e11	56.2	402
198	The involvement of the canonical Wnt-signaling receptor LRP5 and LRP6 gene variants with ADHD and sexual dimorphism: Association study and meta-analysis. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 365-376	3.5	7
197	Gain-of-function variants in the melanocortin 4 receptor gene confer susceptibility to binge eating disorder in subjects with obesity: a systematic review and meta-analysis. *Obesity Reviews*, **2019**, 20, 13-21	10.6	8
196	The role of genetic variation of human metabolism for BMI, mental traits and mental disorders. *Molecular Metabolism*, **2018**, 12, 1-11	8.8	12
195	The Effect of SH2B1 Variants on Expression of Leptin- and Insulin-Induced Pathways in Murine Hypothalamus. *Obesity Facts*, **2018**, 11, 93-108	5.1	8
194	Polygenic Obesity. *Contemporary Endocrinology*, **2018**, 183-202	0.3	1
193	High-throughput DNA methylation analysis in anorexia nervosa confirms TNXB hypermethylation. *World Journal of Biological Psychiatry*, **2018**, 19, 187-199	3.8	20
192	Effect of an vitamin D deficiency on depressive symptoms in child and adolescent psychiatric patients - a randomized controlled trial: study protocol. *BMC Psychiatry*, **2018**, 18, 57	4.2	12

191	Waist-hip ratio related genetic loci are associated with risk of impaired fasting glucose in Chinese children: a case control study. *Nutrition and Metabolism*, **2018**, 15, 34	4.6	5
190	Monogene Adipositas. *Monatsschrift Fur Kinderheilkunde*, **2018**, 166, 388-394	0.2	4
189	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. *Biological Psychiatry*, **2018**, 83, 1044-1053	7.9	93
188	Investigation of common, low-frequency and rare genome-wide variation in anorexia nervosa. *Molecular Psychiatry*, **2018**, 23, 1169-1180	15.1	24
187	The association of serum leptin levels with food addiction is moderated by weight status in adolescent psychiatric inpatients. *European Eating Disorders Review*, **2018**, 26, 618-628	5.3	4
186	Relevance of polymorphisms in MC4R and BDNF in short normal stature. *BMC Pediatrics*, **2018**, 18, 278	2.6	2
185	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. *Molecular Psychiatry*, **2017**, 22, 192-201	15.1	31
184	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. *American Journal of Psychiatry*, **2017**, 174, 850-858	11.9	276
183	Genetische Ursachen der Adipositas. *Gastroenterologe*, **2017**, 12, 60-65	0.1	2
182	Estimated prevalence of potentially damaging variants in the leptin gene. *Molecular and Cellular Pediatrics*, **2017**, 4, 10	3.3	11
181	Polygene Varianten und Epigenetik bei Adipositas. *Medizinische Genetik*, **2017**, 29, 365-373	0.5	
180	Rare Variant Analysis of Human and Rodent Obesity Genes in Individuals with Severe Childhood Obesity. *Scientific Reports*, **2017**, 7, 4394	4.9	31
179	Anorexia nervosa and body mass index: combined GWAS and functional ex-vivo studies. *European Neuropsychopharmacology*, **2017**, 27, S525	1.2	
178	3. Ursachen der Adipositas **2017**, 43-81		
177	Food Addiction in Gambling Disorder: Frequency and Clinical Outcomes. *Frontiers in Psychology*, **2017**, 8, 473	3.4	22
176	Exploration of large, rare copy number variants associated with psychiatric and neurodevelopmental disorders in individuals with anorexia nervosa. *Psychiatric Genetics*, **2017**, 27, 152-158	2.9	11
175	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. *Cell Metabolism*, **2016**, 24, 502-509	24.6	82
174	Analysis of Genes Involved in Body Weight Regulation by Targeted Re-Sequencing. *PLoS ONE*, **2016**, 11, e0147904	3.7	11

173	Pathway analysis in attention deficit hyperactivity disorder: An ensemble approach. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2016**, 171, 815-26	3.5	29
172	Association of common variants identified by recent genome-wide association studies with obesity in Chinese children: a case-control study. *BMC Medical Genetics*, **2016**, 17, 7	2.1	28
171	Decreased melanocortin-4 receptor function conferred by an infrequent variant at the human melanocortin receptor accessory protein 2 gene. *Obesity*, **2016**, 24, 1976-82	8	32
170	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. *Human Molecular Genetics*, **2015**, 24, 3582-94	5.6	34
169	Case-control genome-wide association study of persistent attention-deficit hyperactivity disorder identifies FBXO33 as a novel susceptibility gene for the disorder. *Neuropsychopharmacology*, **2015**, 40, 915-26	8.7	49
168	Fine Mapping of a GWAS-Derived Obesity Candidate Region on Chromosome 16p11.2. *PLoS ONE*, **2015**, 10, e0125660	3.7	4
167	Genetische Aspekte von Adipositas **2015**, 389-394		1
166	Indications for potential parent-of-origin effects within the FTO gene. *PLoS ONE*, **2015**, 10, e0119206	3.7	6
165	Genetische Aspekte der Essstörungen **2015**, 113-117		1
164	Genetic variation at the CELF1 (CUGBP, elav-like family member 1 gene) locus is genome-wide associated with Alzheimer's disease and obesity. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2014**, 165B, 283-93	3.5	28
163	A genome-wide association study of anorexia nervosa. *Molecular Psychiatry*, **2014**, 19, 1085-94	15.1	224
162	Genes and the hypothalamic control of metabolism in humans. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2014**, 28, 635-47	6.5	13
161	Catechol-O-methyltransferase Val158Met polymorphism is associated with somatosensory amplification and nocebo responses. *PLoS ONE*, **2014**, 9, e107665	3.7	32
160	Genome-wide analysis of rare copy number variations reveals PARK2 as a candidate gene for attention-deficit/hyperactivity disorder. *Molecular Psychiatry*, **2014**, 19, 115-21	15.1	59
159	FTO gene: association to weight regain after lifestyle intervention in overweight children. *Hormone Research in Paediatrics*, **2014**, 81, 391-6	3.3	8
158	Mitochondrial DNA variants in obesity. *PLoS ONE*, **2014**, 9, e94882	3.7	16
157	Successful treatment with atomoxetine of an adolescent boy with attention deficit/hyperactivity disorder, extreme obesity, and reduced melanocortin 4 receptor function. *Obesity Facts*, **2013**, 6, 109-15	5.1	12
156	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. *American Journal of Human Genetics*, **2013**, 93, 236-48	11	49

155	Bipolar disorder risk alleles in children with ADHD. *Journal of Neural Transmission*, **2013**, 120, 1611-7	4.3	15
154	Melanocortin-4 receptor in energy homeostasis and obesity pathogenesis. *Progress in Molecular Biology and Translational Science*, **2013**, 114, 147-91	4	104
153	Association analyses for dopamine receptor gene polymorphisms and weight status in a longitudinal analysis in obese children before and after lifestyle intervention. *BMC Pediatrics*, **2013**, 13, 197	2.6	24
152	Genetics of eating disorders. *Current Psychiatry Reports*, **2013**, 15, 423	9.1	36
151	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
150	Analyses of non-synonymous obesity risk alleles in SH2B1 (rs7498665) and APOB48R (rs180743) in obese children and adolescents undergoing a 1-year lifestyle intervention. *Experimental and Clinical Endocrinology and Diabetes*, **2013**, 121, 334-7	2.3	8
149	Common obesity risk alleles in childhood attention-deficit/hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2013**, 162B, 295-305	3.5	67
148	No impact of obesity susceptibility loci on weight regain after a lifestyle intervention in overweight children. *Journal of Pediatric Endocrinology and Metabolism*, **2013**, 26, 1209-13	1.6	11
147	Gene set of nuclear-encoded mitochondrial regulators is enriched for common inherited variation in obesity. *PLoS ONE*, **2013**, 8, e55884	3.7	9
146	A novel SP1/SP3 dependent intronic enhancer governing transcription of the UCP3 gene in brown adipocytes. *PLoS ONE*, **2013**, 8, e83426	3.7	13
145	Molecular genetic aspects of weight regulation. *Deutsches Ärzteblatt International*, **2013**, 110, 338-44	2.5	55
144	Rescue of melanocortin 4 receptor (MC4R) nonsense mutations by aminoglycoside-mediated read-through. *Obesity*, **2012**, 20, 1074-81	8	29
143	SDCCAG8 obesity alleles and reduced weight loss after a lifestyle intervention in overweight children and adolescents. *Obesity*, **2012**, 20, 466-70	8	17
142	A genome-wide association meta-analysis identifies new childhood obesity loci. *Nature Genetics*, **2012**, 44, 526-31	36.3	292
141	Mutation screen in the GWAS derived obesity gene SH2B1 including functional analyses of detected variants. *BMC Medical Genomics*, **2012**, 5, 65	3.7	21
140	Dysfunction of lipid sensor GPR120 leads to obesity in both mouse and human. *Nature*, **2012**, 483, 350-4	50.4	484
139	Impact of FTO genotypes on BMI and weight in polycystic ovary syndrome: a systematic review and meta-analysis. *Diabetologia*, **2012**, 55, 2636-2645	10.3	64
138	Fat mass and obesity-associated gene (FTO) in eating disorders: evidence for association of the rs9939609 obesity risk allele with bulimia nervosa and anorexia nervosa. *Obesity Facts*, **2012**, 5, 408-19	5.1	37

137	Addendum: Genome-wide association study in German patients with attention deficit/hyperactivity disorder **2012**, 159B, 476-476		
136	Common variants at 6q22 and 17q21 are associated with intracranial volume. *Nature Genetics*, **2012** , 44, 539-44	36.3	104
135	Common variants at 12q15 and 12q24 are associated with infant head circumference. *Nature Genetics*, **2012**, 44, 532-538	36.3	94
134	Do common variants separate between obese melanocortin-4 receptor gene mutation carriers and non-carriers? The impact of cryptic relatedness. *Hormone Research in Paediatrics*, **2012**, 77, 358-68	3.3	3
133	DCLK1 variants are associated across schizophrenia and attention deficit/hyperactivity disorder. *PLoS ONE*, **2012**, 7, e35424	3.7	16
132	Relationship between MTNR1B (melatonin receptor 1B gene) polymorphism rs10830963 and glucose levels in overweight children and adolescents. *Pediatric Diabetes*, **2011**, 12, 435-41	3.6	12
131	Lack of association of CD36 SNPs with early onset obesity: a meta-analysis in 9,973 European subjects. *Obesity*, **2011**, 19, 833-9	8	17
130	Genetic variation of the ghrelin activator gene ghrelin O-acyltransferase (GOAT) is associated with anorexia nervosa. *Journal of Psychiatric Research*, **2011**, 45, 706-11	5.2	38
129	Successful methylphenidate treatment of early onset extreme obesity in a child with a melanocortin-4 receptor gene mutation and attention deficit/hyperactivity disorder. *European Journal of Pharmacology*, **2011**, 660, 165-70	5.3	16
128	Genome-wide association study in German patients with attention deficit/hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2011**, 156B, 888-97	3.5	71
127	Novel common copy number variation for early onset extreme obesity on chromosome 11q11 identified by a genome-wide analysis. *Human Molecular Genetics*, **2011**, 20, 840-52	5.6	102
126	Common variants near MC4R: exploring gender effects in overweight and obese children and adolescents participating in a lifestyle intervention. *Obesity Facts*, **2011**, 4, 67-75	5.1	27
125	Association of the rs10830963 polymorphism in MTNR1B with fasting glucose levels in Chinese children and adolescents. *Obesity Facts*, **2011**, 4, 197-203	5.1	15
124	Evaluation of the obesity genes FTO and MC4R and the type 2 diabetes mellitus gene TCF7L2 for contribution to stroke risk: The Mannheim-Heidelberg Stroke Study. *Obesity Facts*, **2011**, 4, 290-6	5.1	8
123	Where in the genome are significant single nucleotide polymorphisms from genome-wide association studies located?. *OMICS A Journal of Integrative Biology*, **2011**, 15, 507-12	3.8	10
122	Genetic association and gene expression analysis identify FGFR1 as a new susceptibility gene for human obesity. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E962-6	5.6	22
121	Genetic Markers, Weight Reduction, and Behavioral Changes in Lifestyle **2011**, 1159-1174		
120	Association of the MC4R V103I polymorphism with obesity: a Chinese case-control study and meta-analysis in 55,195 individuals. *Obesity*, **2010**, 18, 573-9	8	62

119	Genes and lifestyle factors in obesity: results from 12,462 subjects from MONICA/KORA. *International Journal of Obesity*, **2010**, 34, 1538-45	5.5	45
118	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
117	Genetic findings in anorexia and bulimia nervosa. *Progress in Molecular Biology and Translational Science*, **2010**, 94, 241-70	4	22
116	Association of variants in gastric inhibitory polypeptide receptor gene with impaired glucose homeostasis in obese children and adolescents from Berlin. *European Journal of Endocrinology*, **2010**, 163, 259-64	6.5	17
115	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
114	Chipping away the Smissing heritabilitys GIANT steps forward in the molecular elucidation of obesity - but still lots to go. *Obesity Facts*, **2010**, 3, 294-303	5.1	83
113	Estrogen receptor 1 gene (ESR1) is associated with restrictive anorexia nervosa. *Neuropsychopharmacology*, **2010**, 35, 1818-25	8.7	32
112	Sympathetic function in human carriers of melanocortin-4 receptor gene mutations. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 1998-2002	5.6	66
111	Genetic variation at chromosome 1p13.3 affects sortilin mRNA expression, cellular LDL-uptake and serum LDL levels which translates to the risk of coronary artery disease. *Atherosclerosis*, **2010**, 208, 183-9	3.1	123
110	Familiality and molecular genetics of attention networks in ADHD. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2010**, 153B, 148-58	3.5	14
109	Eating disorders: the current status of molecular genetic research. *European Child and Adolescent Psychiatry*, **2010**, 19, 211-26	5.5	57
108	Child and adolescent psychiatric genetics. *European Child and Adolescent Psychiatry*, **2010**, 19, 259-79	5.5	12
107	From monogenic to polygenic obesity: recent advances. *European Child and Adolescent Psychiatry*, **2010**, 19, 297-310	5.5	149
106	Role of the neurotrophin network in eating disordersSsubphenotypes: body mass index and age at onset of the disease. *Journal of Psychiatric Research*, **2010**, 44, 834-40	5.2	7
105	Changes of peripheral alpha-melanocyte-stimulating hormone in childhood obesity. *Metabolism: Clinical and Experimental*, **2010**, 59, 186-94	12.7	41
104	Large effects on body mass index and insulin resistance of fat mass and obesity associated gene (FTO) variants in patients with polycystic ovary syndrome (PCOS). *BMC Medical Genetics*, **2010**, 11, 12	2.1	56
103	Mutation screen and association studies for the fatty acid amide hydrolase (FAAH) gene and early onset and adult obesity. *BMC Medical Genetics*, **2010**, 11, 2	2.1	9
102	Investigation of a genome wide association signal for obesity: synthetic association and haplotype analyses at the melanocortin 4 receptor gene locus. *PLoS ONE*, **2010**, 5, e13967	3.7	40

101	Polygenic Obesity **2010**, 65-73		1
100	Meta-analysis of the INSIG2 association with obesity including 74,345 individuals: does heterogeneity of estimates relate to study design?. *PLoS Genetics*, **2009**, 5, e1000694	6	54
99	Procolipase gene: no association with early-onset obesity or fat intake. *Obesity Facts*, **2009**, 2, 40-4	5.1	2
98	Increased constraints on MC4R during primate and human evolution. *Human Genetics*, **2009**, 124, 633-47	6.3	22
97	Serotonin transporter gene polymorphism (5-HTTLPR), environmental conditions, and developing negative emotionality and fear in early childhood. *Journal of Neural Transmission*, **2009**, 116, 503-12	4.3	56
96	Non-replication of an association of CTNNBL1 polymorphisms and obesity in a population of Central European ancestry. *BMC Medical Genetics*, **2009**, 10, 14	2.1	13
95	Gastric inhibitory polypeptide receptor: association analyses for obesity of several polymorphisms in large study groups. *BMC Medical Genetics*, **2009**, 10, 19	2.1	12
94	Association between the insulin-induced gene 2 (INSIG2) and weight gain in a German sample of antipsychotic-treated schizophrenic patients: perturbation of SREBP-controlled lipogenesis in drug-related metabolic adverse effects?. *Molecular Psychiatry*, **2009**, 14, 308-17	15.1	80
93	Lifestyle intervention in obese children with variations in the melanocortin 4 receptor gene. *Obesity* , **2009**, 17, 382-9	8	102
92	Association studies on ghrelin and ghrelin receptor gene polymorphisms with obesity. *Obesity*, **2009**, 17, 745-54	8	49
91	A consultation with genetic information about obesity decreases self-blame about eating and leads to realistic weight loss goals in obese individuals. *Journal of Psychosomatic Research*, **2009**, 66, 287-95	4.1	29
90	Causal attributions of obese men and women in genetic testing: implications of genetic/biological attributions. *Psychology and Health*, **2009**, 24, 749-61	2.9	17
89	Environmental and genetic risk factors in obesity. *Child and Adolescent Psychiatric Clinics of North America*, **2009**, 18, 83-94	3.3	92
88	Functional variants of the serotonin receptor type 3A and B gene are associated with eating disorders. *Pharmacogenetics and Genomics*, **2009**, 19, 790-9	1.9	32
87	Preferential reciprocal transfer of paternal/maternal DLK1 alleles to obese children: first evidence of polar overdominance in humans. *European Journal of Human Genetics*, **2008**, 16, 1126-34	5.3	31
86	Association of the MC4R V103I polymorphism with the metabolic syndrome: the KORA Study. *Obesity*, **2008**, 16, 369-76	8	50
85	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
84	Val103Ile polymorphism of the melanocortin-4 receptor gene (MC4R) in cancer cachexia. *BMC Cancer*, **2008**, 8, 85	4.8	7

83	Evidence of an influence of a polymorphism near the INSIG2 on weight loss during a lifestyle intervention in obese children and adolescents. *Diabetes*, **2008**, 57, 623-6	0.9	31
82	A heterozygous mutation in the third transmembrane domain causes a dominant-negative effect on signalling capability of the MC4R. *Obesity Facts*, **2008**, 1, 155-62	5.1	29
81	Association of NTRK3 and its interaction with NGF suggest an altered cross-regulation of the neurotrophin signaling pathway in eating disorders. *Human Molecular Genetics*, **2008**, 17, 1234-44	5.6	42
80	Polygenic obesity in humans. *Obesity Facts*, **2008**, 1, 35-42	5.1	45
79	Lifelong reduction of LDL-cholesterol related to a common variant in the LDL-receptor gene decreases the risk of coronary artery disease--a Mendelian Randomisation study. *PLoS ONE*, **2008**, 3, e2986	3.7	117
78	Genetic aspects in attention-deficit/hyperactivity disorder. *Journal of Neural Transmission*, **2008**, 115, 305-15	4.3	48
77	Transmission disequilibrium studies in early onset of obsessive-compulsive disorder for polymorphisms in genes of the dopaminergic system. *Journal of Neural Transmission*, **2008**, 115, 1071-8	4.3	32
76	Fat mass and obesity associated gene (FTO): no significant association of variant rs9939609 with weight loss in a lifestyle intervention and lipid metabolism markers in German obese children and adolescents. *BMC Medical Genetics*, **2008**, 9, 85	2.1	76
75	Lack of association of genetic variants in genes of the endocannabinoid system with anorexia nervosa. *Child and Adolescent Psychiatry and Mental Health*, **2008**, 2, 33	6.8	33
74	Meta-analysis of genome-wide linkage scans of attention deficit hyperactivity disorder. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 1392-8	3.5	131
73	Genetische Aspekte der Adipositas **2008**, 265-270		1
72	Genome wide association (GWA) study for early onset extreme obesity supports the role of fat mass and obesity associated gene (FTO) variants. *PLoS ONE*, **2007**, 2, e1361	3.7	388
71	Die genetischen Grundlagen der Aufmerksamkeitsdefizit-Hyperaktivitätsstörung (ADHS). *Biologie in Unserer Zeit*, **2007**, 37, 224-225	0.1	
70	Mutation screen and association studies in the diacylglycerol O-acyltransferase homolog 2 gene (DGAT2), a positional candidate gene for early onset obesity on chromosome 11q13. *BMC Genetics*, **2007**, 8, 17	2.6	22
69	Analysis of sequence variations in the suppressor of cytokine signaling (SOCS)-3 gene in extremely obese children and adolescents. *BMC Medical Genetics*, **2007**, 8, 21	2.1	10
68	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. *Nature Genetics*, **2007**, 39, 218-25	36.3	420
67	The V103I polymorphism of the MC4R gene and obesity: population based studies and meta-analysis of 29 563 individuals. *International Journal of Obesity*, **2007**, 31, 1437-41	5.5	111
66	Association and linkage of allelic variants of the dopamine transporter gene in ADHD. *Molecular Psychiatry*, **2007**, 12, 923-33	15.1	76

65	Definable somatic disorders in overweight children and adolescents. *Journal of Pediatrics*, **2007**, 150, 618-22, 622.e1-5	3.6	69
64	Is information on genetic determinants of obesity helpful or harmful for obese people?--A randomized clinical trial. *Journal of General Internal Medicine*, **2007**, 22, 1553-9	4	27
63	The association of a SNP upstream of INSIG2 with body mass index is reproduced in several but not all cohorts. *PLoS Genetics*, **2007**, 3, e61	6	119
62	No evidence for an involvement of variants in the cannabinoid receptor gene (CNR1) in obesity in German children and adolescents. *Molecular Genetics and Metabolism*, **2007**, 90, 429-34	3.7	37
61	Genetic factors for overweight and CAD. *Herz*, **2006**, 31, 189-99	2.6	4
60	Gene, die wahren Dickmacher?. *Biologie in Unserer Zeit*, **2006**, 36, 208-210	0.1	
59	The 103I variant of the melanocortin 4 receptor is associated with low serum triglyceride levels. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 535-8	5.6	28
58	Transmission disequilibrium of polymorphic variants in the tryptophan hydroxylase-2 gene in children and adolescents with obsessive-compulsive disorder. *International Journal of Neuropsychopharmacology*, **2006**, 9, 437-42	5.8	83
57	Prevalence, spectrum, and functional characterization of melanocortin-4 receptor gene mutations in a representative population-based sample and obese adults from Germany. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 1761-9	5.6	158
56	Evidence for involvement of the vitamin D receptor gene in idiopathic short stature via a genome-wide linkage study and subsequent association studies. *Human Molecular Genetics*, **2006**, 15, 2772-83	5.6	35
55	A common genetic variant is associated with adult and childhood obesity. *Science*, **2006**, 312, 279-83	33.3	584
54	A role for beta-melanocyte-stimulating hormone in human body-weight regulation. *Cell Metabolism* , **2006**, 3, 141-6	24.6	149
53	Genetische Aspekte in der Adipositas-Beratung Auswirkungen auf K perakzeptanz und subjektives Wohlbefinden. *Verhaltenstherapie*, **2006**, 16, 193-200	0.9	2
52	Case-control and combined family trios analysis of three polymorphisms in the ghrelin gene in European patients with anorexia and bulimia nervosa. *Psychiatric Genetics*, **2006**, 16, 51-2	2.9	37
51	Meta-analysis on the effect of the N363S polymorphism of the glucocorticoid receptor gene (GRL) on human obesity. *BMC Medical Genetics*, **2006**, 7, 50	2.1	35
50	Glucose Transporter 4 Gene. *Annals of the New York Academy of Sciences*, **2006**, 967, 554-557	6.5	5
49	A genome-wide scan for attention-deficit/hyperactivity disorder in 155 German sib-pairs. *Molecular Psychiatry*, **2006**, 11, 196-205	15.1	124
48	Brain-derived neurotrophic factor V66M polymorphism in childhood-onset obsessive-compulsive disorder. *International Journal of Neuropsychopharmacology*, **2005**, 8, 133-6	5.8	25

47	Association of BDNF with restricting anorexia nervosa and minimum body mass index: a family-based association study of eight European populations. *European Journal of Human Genetics*, **2005**, 13, 428-34	5.3	115
46	Human galanin (GAL) and galanin 1 receptor (GALR1) variations are not involved in fat intake and early onset obesity. *Journal of Nutrition*, **2005**, 135, 1387-92	4.1	20
45	Lack of support for the association between GAD2 polymorphisms and severe human obesity. *PLoS Biology*, **2005**, 3, e315	9.7	38
44	Association of the 103I MC4R allele with decreased body mass in 7937 participants of two population based surveys. *Journal of Medical Genetics*, **2005**, 42, e21	5.8	82
43	Mutation analysis of the MCHR1 gene in human obesity. *European Journal of Endocrinology*, **2005**, 152, 851-62	6.5	30
42	The association of a SNP upstream of INSIG2 with Body Mass Index is reproduced in several but not all cohorts. *PLoS Genetics*, **2005**, preprint, e61	6	3
41	Ghrelin receptor gene: identification of several sequence variants in extremely obese children and adolescents, healthy normal-weight and underweight students, and children with short normal stature. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 157-62	5.6	115
40	Association of BDNF with anorexia, bulimia and age of onset of weight loss in six European populations. *Human Molecular Genetics*, **2004**, 13, 1205-12	5.6	168
39	Large quantitative effect of melanocortin-4 receptor gene mutations on body mass index. *Journal of Medical Genetics*, **2004**, 41, 795-800	5.8	87
38	Binge-eating episodes are not characteristic of carriers of melanocortin-4 receptor gene mutations. *Molecular Psychiatry*, **2004**, 9, 796-800	15.1	74
37	Transmission disequilibrium studies in children and adolescents with obsessive-compulsive disorders pertaining to polymorphisms of genes of the serotonergic pathway. *Journal of Neural Transmission*, **2004**, 111, 817-25	4.3	32
36	Genetic risk factors in eating disorders. *Molecular Diagnosis and Therapy*, **2004**, 4, 209-23		34
35	Melanocortin-4 receptor gene variant I103 is negatively associated with obesity. *American Journal of Human Genetics*, **2004**, 74, 572-81	11	178
34	Lack of association between the -759C/T polymorphism of the 5-HT2C receptor gene and clozapine-induced weight gain among German schizophrenic individuals. *Psychiatric Genetics*, **2004**, 14, 139-42	2.9	76
33	Hyperphagia, not hypometabolism, causes early onset obesity in melanocortin-4 receptor knockout mice. *Physiological Genomics*, **2003**, 13, 47-56	3.6	56
32	A novel nonsense mutation in the melanocortin-4 receptor associated with obesity in a Spanish population. *International Journal of Obesity*, **2003**, 27, 385-8	5.5	45
31	Melanocortin-4 receptor gene: case-control study and transmission disequilibrium test confirm that functionally relevant mutations are compatible with a major gene effect for extreme obesity. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 4258-67	5.6	169
30	Genome scan for childhood and adolescent obesity in German families. *Pediatrics*, **2003**, 111, 321-7	7.4	67

29	Confidence intervals for genotype relative risks and allele frequencies from the case parent trio design for candidate-gene studies. *Human Heredity*, **2002**, 54, 210-7	1.1	10
28	5-HT2A promoter polymorphism -1438G/A in children and adolescents with obsessive-compulsive disorders. *Molecular Psychiatry*, **2002**, 7, 1054-7	15.1	98
27	Ghrelin gene: identification of missense variants and a frameshift mutation in extremely obese children and adolescents and healthy normal weight students. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 2716	5.6	86
26	No evidence for involvement of the calpain-10 gene Shigh-riskShaplotype combination for non-insulin-dependent diabetes mellitus in early onset obesity. *Molecular Genetics and Metabolism*, **2002**, 76, 152-6	3.7	8
25	Association between an agouti-related protein gene polymorphism and anorexia nervosa. *Molecular Psychiatry*, **2001**, 6, 325-8	15.1	149
24	Molekulare Grundlagen der Adipositas **2001**, 387-426		3
23	Epidemic obesity: are genetic factors involved via increased rates of assortative mating?. *International Journal of Obesity*, **2000**, 24, 345-53	5.5	71
22	Candidate gene polymorphisms in eating disorders. *European Journal of Pharmacology*, **2000**, 410, 147-159	3.3	51
21	Independent confirmation of a major locus for obesity on chromosome 10. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2962-5	5.6	54
20	Zur Erblichkeit der Adipositas im Kindes- und Jugendalter. *Kindheit Und Entwicklung (discontinued)*, **2000**, 9, 78-83	0.3	3
19	Missense variants in the human peroxisome proliferator-activated receptor-gamma2 gene in lean and obese subjects. *European Journal of Endocrinology*, **1999**, 141, 90-2	6.5	40
18	Further lack of association between the 5-HT2A gene promoter polymorphism and susceptibility to eating disorders and a meta-analysis pertaining to anorexia nervosa. *Molecular Psychiatry*, **1999**, 4, 410-2	15.1	69
17	No evidence for involvement of polymorphisms of the dopamine D4 receptor gene in anorexia nervosa, underweight, and obesity **1999**, 88, 594-597		42
16	Phenotypes in three pedigrees with autosomal dominant obesity caused by haploinsufficiency mutations in the melanocortin-4 receptor gene. *American Journal of Human Genetics*, **1999**, 65, 1501-7	11	135
15	No evidence for involvement of polymorphisms of the dopamine D4 receptor gene in anorexia nervosa, underweight, and obesity **1999**, 88, 594		1
14	Screening for mutations in the neuropeptide Y Y5 receptor gene in cohorts belonging to different weight extremes. *International Journal of Obesity*, **1998**, 22, 157-63	5.5	41
13	No evidence for involvement of the leptin gene in anorexia nervosa, bulimia nervosa, underweight or early onset extreme obesity: identification of two novel mutations in the coding sequence and a novel polymorphism in the leptin gene linked upstream region. *Molecular Psychiatry*, **1998**, 3, 539-43	15.1	48
12	Transmission disequilibrium and sequence variants at the leptin receptor gene in extremely obese German children and adolescents. *Human Genetics*, **1998**, 103, 540-6	6.3	25

11	5-HT2A receptor gene polymorphisms, anorexia nervosa, and obesity. *Lancet, The*, **1997**, 350, 1324-5	40	75
10	Beta 3-adrenergic-receptor allele distributions in children, adolescents and young adults with obesity, underweight or anorexia nervosa. *International Journal of Obesity*, **1997**, 21, 224-30	5.5	57
9	The 5-HT transporter gene-linked polymorphic region (5-HTTLPR) in evolutionary perspective: alternative biallelic variation in rhesus monkeys. Rapid communication. *Journal of Neural Transmission*, **1997**, 104, 1259-66	4.3	226
8	Detection of two hypervariable (ATTTT)n loci in the human genome. *Electrophoresis*, **1995**, 16, 719-21	3.6	
7	TGGE and HIEF: a comparison of two methods in the detection of carriers of the Z mutation in the alpha-1-antitrypsin gene. *Human Genetics*, **1994**, 93, 571-4	6.3	1
6	Analysis of the HLA-DR gene locus by temperature gradient gel electrophoresis and its application for the rapid selection of unrelated bone marrow donors. *Electrophoresis*, **1994**, 15, 1044-50	3.6	9
5	Temperature gradient gel electrophoresis: rapid detection of alpha-1-antitrypsin deficiency carriers. *Electrophoresis*, **1992**, 13, 279-82	3.6	8
4	An instance of clinical radiation morbidity and cellular radiosensitivity, not associated with ataxia-telangiectasia. *British Journal of Radiology*, **1990**, 63, 624-8	3.4	88
3	Ghrelin Gene: Identification of Missense Variants and a Frameshift Mutation in Extremely Obese Children and Adolescents and Healthy Normal Weight Students		38
2	Identifying tissues implicated in Anorexia Nervosa using Transcriptomic Imputation		1
1	New susceptibility loci for severe COVID-19 by detailed GWAS analysis in European populations		2