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Genetic studies of body mass index yield new insights for obesity biology

DOI: 10.1038/nature14177 Nature, 2015, 518, 197-206.

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2221			
2220	The CODATwins Project: The Cohort Description of Collaborative Project of Development of Anthropometrical Measures in Twins to Study Macro-Environmental Variation in Genetic and Environmental Effects on Anthropometric Traits. <b>2015</b> , 18, 348-60		48
2219	Heritability of gestational weight gaina Swedish register-based twin study. <b>2015</b> , 18, 410-8		9
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2217	Are obesity risk genes associated with binge eating in adolescence?. <b>2015</b> , 23, 1729-36		36
2216	Shared genetic aetiology of puberty timing between sexes and with health-related outcomes. <b>2015</b> , 6, 8842		75
2215	MR-PheWAS: hypothesis prioritization among potential causal effects of body mass index on many outcomes, using Mendelian randomization. <b>2015</b> , 5, 16645		57
2214	Appetitive traits as behavioural pathways in genetic susceptibility to obesity: a population-based cross-sectional study. <b>2015</b> , 5, 14726		40
2213	Genetics of non-conventional lipoprotein fractions. <b>2015</b> , 3, 196-201		
2212	Common variants in LEPR, IL6, AMD1, and NAMPT do not associate with risk of juvenile and childhood obesity in Danes: a case-control study. <b>2015</b> , 16, 105		7
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2208	The direction of cross affects [corrected] obesity after puberty in male but not female offspring. <b>2015</b> , 16, 904		4
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2202	Comprehensive evaluation of the neuropeptide-Y gene variants in the risk of obesity: a case-control study and meta-analysis. <b>2015</b> , 25, 501-10	16
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2171	GREGOR: evaluating global enrichment of trait-associated variants in epigenomic features using a systematic, data-driven approach. <b>2015</b> , 31, 2601-6	96
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1825	Rare Loss-of-Function Variants in Predispose to Human Obesity. <b>2017</b> , 66, 935-947	28
1824	Integrating Gene Expression with Summary Association Statistics to Identify Genes Associated with 30 Complex Traits. <b>2017</b> , 100, 473-487	158
1823	Genetically predicted milk consumption and bone health, ischemic heart disease and type 2 diabetes: a Mendelian randomization study. <b>2017</b> , 71, 1008-1012	34
1822	Sequence variant at 8q24.21 associates with sciatica caused by lumbar disc herniation. <b>2017</b> , 8, 14265	22
1821	Genomic variants at 20p11 associated with body fat mass in the European population. <b>2017</b> , 25, 757-764	9
1820	Recent Advances in Human Genetics and Epigenetics of Adiposity: Pathway to Precision Medicine?. <b>2017</b> , 152, 1695-1706	20
1819	Energy balance and obesity: what are the main drivers?. <b>2017</b> , 28, 247-258	268
1818	Understanding Food Fussiness and Its Implications for Food Choice, Health, Weight and Interventions in Young Children: The Impact of Professor Jane Wardle. <b>2017</b> , 6, 46-56	27
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1811	Genome-wide analyses of non-syndromic cleft lip with palate identify 14 novel loci and genetic heterogeneity. <b>2017</b> , 8, 14364	131
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1804	Inflammation, metaflammation and immunometabolic disorders. <i>Nature</i> , <b>2017</b> , 542, 177-185 50.4	945
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1799	Blaming the Brain for Obesity: Integration of Hedonic and Homeostatic Mechanisms. <b>2017</b> , 152, 1728-1738	173
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1438	The next generation of precision medicine: observational studies, electronic health records, biobanks and continuous monitoring. <b>2018</b> , 27, R56-R62	37
1437	Weight gain prevention buffers the impact of CETP rs3764261 on high density lipoprotein cholesterol in young adulthood: The Study of Novel Approaches to Weight Gain Prevention (SNAP). <b>2018</b> , 28, 816-821	2
1436	Causal Pathways from Blood Pressure to Larger Qrs Amplitudes a Mendelian Randomization Study. <b>2018</b> , 8, 5817	О
1435	Genome-wide association study identifies on 2q34 as a novel locus associated with sperm motility in Japanese men. <b>2018</b> , 55, 415-421	5
1434	Genome-wide analysis of self-reported risk-taking behaviour and cross-disorder genetic correlations in the UK Biobank cohort. <b>2018</b> , 8, 39	32
1433	Genetic analysis of quantitative traits in the Japanese population links cell types to complex human diseases. <b>2018</b> , 50, 390-400	325
1432	Trends in Obesity, Overweight, and Thinness in Children in the Seychelles Between 1998 and 2016. <b>2018</b> , 26, 606-612	6
1431	Power Analysis for Genetic Association Test (PAGEANT) provides insights to challenges for rare variant association studies. <b>2018</b> , 34, 1506-1513	10

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1426 Identification of Novel Potentially Pleiotropic Variants Associated Using the cFDR Method. <b>2018</b> , 103, 125-138	With Osteoporosis and Obesity 27
1425 Trans-ethnic analysis of metabochip data identifies two new loci as	ssociated with BMI. <b>2018</b> , 42, 384-390 <i>7</i>
1424 Mitochondrial genetic haplogroups and incident obesity: a longitude	dinal cohort study. <b>2018</b> , 72, 587-592 6
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1420 Genome-wide meta-analysis identifies five new susceptibility loci f	For pancreatic cancer. <b>2018</b> , 9, 556 103
1419 Precision nutrition for prevention and management of type 2 diab	etes. <b>2018</b> , 6, 416-426 99
1418 Animal models of obesity and diabetes mellitus. <b>2018</b> , 14, 140-162	330
1417 Detecting Polygenic Adaptation in Admixture Graphs. <b>2018</b> , 208, 1	565-1584 67
1416 Identification of genetic elements in metabolism by high-throughp	out mouse phenotyping. <b>2018</b> , 9, 288 48
1415 Metabolomics as a Tool to Understand Pathophysiological Process	ses. <b>2018,</b> 1730, 3-28
1414 The nature of nurture: Effects of parental genotypes. <b>2018</b> , 359, 4	24-428 409
1413 Polygenic Contribution in Individuals With Early-Onset Coronary A	rtery Disease. <b>2018</b> , 11, e001849 29

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1410	An Exploration of the Determinants of Gestational Weight Gain in African American Women: Genetic Factors and Energy Expenditure. <b>2018</b> , 20, 118-125	8
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1408	The effect of weight on mental health: New evidence using genetic IVs. 2018, 57, 113-130	18
1407	Evaluating the contribution of rare variants to type 2 diabetes and related traits using pedigrees. <b>2018</b> , 115, 379-384	21
1406	Genome-wide Study of Atrial Fibrillation Identifies Seven Risk Loci and Highlights Biological Pathways and Regulatory Elements Involved in Cardiac Development. <b>2018</b> , 102, 103-115	53
1405	Do flavanols-rich natural products relieve obesity-related insulin resistance?. <b>2018</b> , 112, 157-167	16
1404	Obesity: Pathophysiology and Management. <b>2018</b> , 71, 69-84	192
1403	Multi-trait analysis of genome-wide association summary statistics using MTAG. <b>2018</b> , 50, 229-237	339
1403 1402	Multi-trait analysis of genome-wide association summary statistics using MTAG. <b>2018</b> , 50, 229-237  Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <b>2018</b> , 50, 6-11	339
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1402	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <b>2018</b> , 50, 6-11  Using imputed genotype data in the joint score tests for genetic association and gene-environment	
1402	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. <b>2018</b> , 50, 6-11  Using imputed genotype data in the joint score tests for genetic association and gene-environment interactions in case-control studies. <b>2018</b> , 42, 146-155  Thwart your destiny; effect of nonacoholic fatty liver disease genes on steatosis, liver injury and	
1402 1401 1400	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. 2018, 50, 6-11  Using imputed genotype data in the joint score tests for genetic association and gene-environment interactions in case-control studies. 2018, 42, 146-155  Thwart your destiny; effect of nonacoholic fatty liver disease genes on steatosis, liver injury and cirrhosis varies by body mass index. 2018, 68, 372-374  Higher prevalence of FTO gene risk genotypes AA rs9939609, CC rs1421085, and GG rs17817449	202
1402 1401 1400	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. 2018, 50, 6-11  Using imputed genotype data in the joint score tests for genetic association and gene-environment interactions in case-control studies. 2018, 42, 146-155  Thwart your destiny; effect of nonacoholic fatty liver disease genes on steatosis, liver injury and cirrhosis varies by body mass index. 2018, 68, 372-374  Higher prevalence of FTO gene risk genotypes AA rs9939609, CC rs1421085, and GG rs17817449 and saliva containing Staphylococcus aureus in obese women in Croatia. 2017, 50, 94-103	202
1402 1401 1400 1399 1398	Association analysis in over 329,000 individuals identifies 116 independent variants influencing neuroticism. 2018, 50, 6-11  Using imputed genotype data in the joint score tests for genetic association and gene-environment interactions in case-control studies. 2018, 42, 146-155  Thwart your destiny; effect of nonacoholic fatty liver disease genes on steatosis, liver injury and cirrhosis varies by body mass index. 2018, 68, 372-374  Higher prevalence of FTO gene risk genotypes AA rs9939609, CC rs1421085, and GG rs17817449 and saliva containing Staphylococcus aureus in obese women in Croatia. 2017, 50, 94-103  Genetic Architecture of the Cardiovascular Risk Proteome. 2018, 137, 1158-1172  Estimating and testing direct genetic effects in directed acyclic graphs using estimating equations.	202 4 8 47

1394	Genetic variants influencing phenotypic variance heterogeneity. 2018, 27, 799-810	18
1393	Enhancing the Infrastructure of the Atherosclerosis Risk in Communities (ARIC) Study for Cancer Epidemiology Research: ARIC Cancer. <b>2018</b> , 27, 295-305	17
1392	Differential distribution and association of FTO rs9939609 gene polymorphism with obesity: A cross-sectional study among two tribal populations of India with East-Asian ancestry. <b>2018</b> , 647, 198-204	15
1391	The social genome of friends and schoolmates in the National Longitudinal Study of Adolescent to Adult Health. <b>2018</b> , 115, 702-707	58
1390	Associations between genetic variants associated with body mass index and trajectories of body fatness across the life course: a longitudinal analysis. <b>2018</b> , 47, 506-515	9
1389	Mendelian randomization in multiple sclerosis: A causal role for vitamin D and obesity?. <b>2018</b> , 24, 80-85	28
1388	The Diabetes Gene and Wnt Pathway Effector TCF7L2 Regulates Adipocyte Development and Function. <b>2018</b> , 67, 554-568	53
1387	Metabolic Syndrome and Associated Diseases: From the Bench to the Clinic. <b>2018</b> , 162, 36-42	75
1386	Genetic Evidence That Carbohydrate-Stimulated Insulin Secretion Leads to Obesity. 2018, 64, 192-200	47
1385	Fetal and Infancy Growth. 2018, 215-227	
1384	FUN-LDA: A Latent Dirichlet Allocation Model for Predicting Tissue-Specific Functional Effects of Noncoding Variation: Methods and Applications. <b>2018</b> , 102, 920-942	49
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	Noncoding Variation: Methods and Applications. <b>2018</b> , 102, 920-942	49
1383	Noncoding Variation: Methods and Applications. 2018, 102, 920-942  Patient-Derived iPSC-Hypothamic Neurons: The Ultimate Protocol. 2018, 22, 615-616  Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. 2018, 1, 36	
1383	Noncoding Variation: Methods and Applications. 2018, 102, 920-942  Patient-Derived iPSC-Hypothamic Neurons: The Ultimate Protocol. 2018, 22, 615-616  Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. 2018, 1, 36  Collective feature selection to identify crucial epistatic variants. 2018, 11, 5	30
1383 1382 1381	Noncoding Variation: Methods and Applications. 2018, 102, 920-942  Patient-Derived iPSC-Hypothamic Neurons: The Ultimate Protocol. 2018, 22, 615-616  Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. 2018, 1, 36  Collective feature selection to identify crucial epistatic variants. 2018, 11, 5	30
1383 1382 1381 1380	Patient-Derived iPSC-Hypothamic Neurons: The Ultimate Protocol. 2018, 22, 615-616  Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. 2018, 1, 36  Collective feature selection to identify crucial epistatic variants. 2018, 11, 5  Nutritional Genomics of Cardiovascular Disease. 2018, 6, 98-106  Improving adherence to healthy dietary patterns, genetic risk, and long term weight gain: gene-diet	30 12 6

1376	Detecting phenotype-driven transitions in regulatory network structure. <b>2018</b> , 4, 16	18
1375	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <b>2018</b> , 50, 668-681	1301
1374	Adipose and skeletal muscle thermogenesis: studies from large animals. <b>2018</b> , 237, R99-R115	35
1373	PheWAS and Beyond: The Landscape of Associations with Medical Diagnoses and Clinical Measures across 38,662 Individuals from Geisinger. <b>2018</b> , 102, 592-608	42
1372	Validity and Reliability of the Healthy Families Survey: A Key Component of the Maryland Supplemental Nutrition Assistance Program-Education (SNAP-Ed) Evaluation. <b>2018</b> , 50, 632-637	1
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1370	Defining the Transcriptional Targets of Leptin Reveals a Role for in Leptin Action. <b>2018</b> , 67, 1093-1104	22
1369	Influence of obesity-related risk factors in the aetiology of glioma. <b>2018</b> , 118, 1020-1027	22
1368	Role of Blood Lipids in the Development of Ischemic Stroke and its Subtypes: A Mendelian Randomization Study. <b>2018</b> , 49, 820-827	70
1367	Gene expression signature of obesity in monozygotic twins. <b>2018</b> , 39, 044008	4
1367	Gene expression signature of obesity in monozygotic twins. <b>2018</b> , 39, 044008  Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index and normal lipid profile in Emirati population. <b>2018</b> , 139, 272-277	2
,	Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index	
1366	Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index and normal lipid profile in Emirati population. <b>2018</b> , 139, 272-277  A developmental cascade perspective of paediatric obesity: a conceptual model and scoping	2
1366 1365	Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index and normal lipid profile in Emirati population. <b>2018</b> , 139, 272-277  A developmental cascade perspective of paediatric obesity: a conceptual model and scoping review. <b>2018</b> , 12, 271-293  Patatin-like phospholipase domainBontaining protein 3 promotes transfer of essential fatty acids	2 25
1366 1365 1364	Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index and normal lipid profile in Emirati population. 2018, 139, 272-277  A developmental cascade perspective of paediatric obesity: a conceptual model and scoping review. 2018, 12, 271-293  Patatin-like phospholipase domainBontaining protein 3 promotes transfer of essential fatty acids from triglycerides to phospholipids in hepatic lipid droplets. 2018, 293, 6958-6968	2 25 51
1366 1365 1364 1363	Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index and normal lipid profile in Emirati population. 2018, 139, 272-277  A developmental cascade perspective of paediatric obesity: a conceptual model and scoping review. 2018, 12, 271-293  Patatin-like phospholipase domainBontaining protein 3 promotes transfer of essential fatty acids from triglycerides to phospholipids in hepatic lipid droplets. 2018, 293, 6958-6968  Metabolic Syndrome. 2018, 47-63  Elevated body-mass index is associated with reduced white matter integrity in two large	2 25 51 2
1366 1365 1364 1363	Statin-induced myopathy SLCO1B1 521T > C is associated with prediabetes, high body mass index and normal lipid profile in Emirati population. 2018, 139, 272-277  A developmental cascade perspective of paediatric obesity: a conceptual model and scoping review. 2018, 12, 271-293  Patatin-like phospholipase domainBontaining protein 3 promotes transfer of essential fatty acids from triglycerides to phospholipids in hepatic lipid droplets. 2018, 293, 6958-6968  Metabolic Syndrome. 2018, 47-63  Elevated body-mass index is associated with reduced white matter integrity in two large independent cohorts. 2018, 91, 179-185  Multiple genetic variations confer risks for obesity and type 2 diabetes mellitus in arab	2 25 51 2 31

1358	From fat cells through an obesity theory. <b>2018</b> , 72, 1329-1335	5
1357	Comprehensive review and annotation of susceptibility SNPs associated with obesity-related traits. <b>2018</b> , 19, 917-930	15
1356	Parental and child genetic contributions to obesity traits in early life based on 83 loci validated in adults: the FAMILY study. <b>2018</b> , 13, 133-140	20
1355	Medicinal plant phytochemicals and their inhibitory activities against pancreatic lipase: molecular docking combined with molecular dynamics simulation approach. <b>2018</b> , 32, 1123-1129	23
1354	Elevated Body Mass Index is Associated with Increased Integration and Reduced Cohesion of Sensory-Driven and Internally Guided Resting-State Functional Brain Networks. <b>2018</b> , 28, 988-997	34
1353	Brain reward responses to food stimuli among female monozygotic twins discordant for BMI. <b>2018</b> , 12, 718-727	11
1352	The highly pleiotropic gene SLC39A8 as an opportunity to gain insight into the molecular pathogenesis of schizophrenia. <b>2018</b> , 177, 274-283	35
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1350	Dietary linoleic acid interacts with FADS1 genetic variability to modulate HDL-cholesterol and obesity-related traits. <b>2018</b> , 37, 1683-1689	10
1349	Gene-by-Activity Interactions on Obesity Traits of 6-Year-Old New Zealand European Children: A Children of SCOPE Study. <b>2018</b> , 30, 69-80	4
1348	Cohort Profile: The Oxford Biobank. <b>2018</b> , 47, 21-21g	24
1347	Epigenetic reprogramming in metabolic disorders: nutritional factors and beyond. <b>2018</b> , 54, 1-10	58
1346	Childhood environmental harshness predicts coordinated health and reproductive strategies: A cross-sectional study of a nationally representative sample from France. <b>2018</b> , 39, 1-8	41
1345	Psychiatric Genomics: An Update and an Agenda. <b>2018</b> , 175, 15-27	328
1344	Ethnic and population differences in the genetic predisposition to human obesity. <b>2018</b> , 19, 62-80	72
1343	Maternal and fetal genetic contribution to gestational weight gain. <b>2018</b> , 42, 775-784	19
1342	Genetic risk scores and family history as predictors of schizophrenia in Nordic registers. <b>2018</b> , 48, 1201-1208	18
1341	An experiment assessing effects of personalized feedback about genetic susceptibility to obesity on attitudes towards diet and exercise. <b>2018</b> , 120, 23-31	10

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1339	Genetics of obesity: what genetic association studies have taught us about the biology of obesity and its complications. <b>2018</b> , 6, 223-236	213
1338	Precision medicine: diagnosis and management of obesity. <b>2018</b> , 6, 164-166	29
1337	Interrelationship of the rs7903146 TCF7L2 gene variant with measures of glucose metabolism and adiposity: The NEO study. <b>2018</b> , 28, 150-157	8
1336	Neuropeptides in Obesity and Metabolic Disease. <b>2018</b> , 64, 173-182	22
1335	Gene expression profiles indicate tissue-specific obesity regulation changes and strong obesity relevant tissues. <b>2018</b> , 42, 363-369	11
1334	Humanity in a Dish: Population Genetics with iPSCs. <b>2018</b> , 28, 46-57	17
1333	Predictive accuracy of combined genetic and environmental risk scores. <b>2018</b> , 42, 4-19	22
1332	Cadm2 regulates body weight and energy homeostasis in mice. <b>2018</b> , 8, 180-188	23
1331	Obesity and obesogenic growth are both highly heritable and modified by diet in a nonhuman primate model, the African green monkey (Chlorocebus aethiops sabaeus). <b>2018</b> , 42, 765-774	35
1330	Associations of adult genetic risk scores for adiposity with childhood abdominal, liver and pericardial fat assessed by magnetic resonance imaging. <b>2018</b> , 42, 897-904	7
1329	Hepcidin and DNA promoter methylation in hepatocellular carcinoma. <b>2018</b> , 48, e12870	24
1328	Big Data and medicine: a big deal?. <b>2018</b> , 283, 418-429	26
1327	Genetic Fine-Mapping and Identification of Candidate Genes and Variants for Adiposity Traits in Outbred Rats. <b>2018</b> , 26, 213-222	33
1326	Long-term effects of adolescent obesity: time to act. <b>2018</b> , 14, 183-188	43
1325	Longitudinal Analysis of Genetic Susceptibility and BMI Throughout Adult Life. <b>2018</b> , 67, 248-255	25
1324	Precision Medicine in Obesity and Type 2 Diabetes: The Relevance of Early-Life Exposures. <b>2018</b> , 64, 130-141	16
1323	The Impact of Obesity on Medical Care Costs and Labor Market Outcomes in the US. <b>2018</b> , 64, 108-117	65

1322	The genetics of obstructive sleep apnoea. <b>2018</b> , 23, 18-27	32
1321	Genetic risk scores for body fat distribution attenuate weight loss in women during dietary intervention. <b>2018</b> , 42, 370-375	12
1320	Genetic predisposition to obesity, restrained eating and changes in body weight: a population-based prospective study. <b>2018</b> , 42, 858-865	21
1319	Genetics of metabolic syndrome: potential clues from wild-derived inbred mouse strains. 2018, 50, 35-51	7
1318	Genetic variants and acute kidney injury: A review of the literature. <b>2018</b> , 44, 203-211	10
1317	Education as a moderator of genetic risk for higher body mass index: prospective cohort study from childhood to adulthood. <b>2018</b> , 42, 866-871	10
1316	Deciphering adipose tissue heterogeneity. <b>2018</b> , 1411, 5-20	45
1315	Genetic Risks for Chronic Conditions: Implications for Long-term Wellbeing. 2018, 73, 477-483	11
1314	Multi-polygenic score approach to trait prediction. <b>2018</b> , 23, 1368-1374	89
1313	Associations of coffee genetic risk scores with consumption of coffee, tea and other beverages in the UK Biobank. <b>2018</b> , 113, 148-157	21
1312	Neuroendocrine Regulation of Appetite and Body Weight. 2018, 53-74	
1311	Genetic insights into fetal growth and measures of glycaemic regulation and adiposity in adulthood: a family-based study. <b>2018</b> , 19, 207	1
1310	Nutrient Sensing, Signaling and Ageing: The Role of IGF-1 and mTOR in Ageing and Age-Related Disease. <b>2018</b> , 90, 49-97	21
1309	Identification of 55,000 Replicated DNA Methylation QTL. <b>2018</b> , 8, 17605	78
1308	Polygenic. <b>2018</b> , 1-3	
1307	Genetic nature or genetic nurture? Introducing social genetic parameters to quantify bias in polygenic score analyses. <b>2018</b> , 64, 187-215	18
1306	Shared genetic risk contributes to type 1 and type 2 diabetes etiology. <b>2018</b> ,	27
1305	Methods to evaluate rare variants gene-age interaction for triglycerides. <b>2018</b> , 12, 49	1

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1304	Transcriptomic Characterization of the Human Habenula Highlights Drug Metabolism and the Neuroimmune System. <b>2018</b> , 12, 742	10
1303	Influence of Fetal and Maternal Genetic Susceptibility to Obesity on Birthweight in African Ancestry Populations. <b>2018</b> , 9, 511	5
1302	Detecting and correcting for bias in Mendelian randomization analyses using Gene-by-Environment interactions. <b>2019</b> , 48, 702-712	37
1301	A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. <b>2018</b> , 39, 3961-3969	31
1300	Evidence for genetic contribution to the increased risk of type 2 diabetes in schizophrenia. <b>2018</b> , 8, 252	34
1299	Genetics of Obesity in Diverse Populations. <b>2018</b> , 18, 145	16
1298	Evidence for gene-environment correlation in child feeding: Links between common genetic variation for BMI in children and parental feeding practices. <b>2018</b> , 14, e1007757	36
1297	Genetic Susceptibility for Childhood BMI has no Impact on Weight Loss Following Lifestyle Intervention in Danish Children. <b>2018</b> , 26, 1915-1922	7
1296	Expression quantitative trait loci in the developing human brain and their enrichment in neuropsychiatric disorders. <b>2018</b> , 19, 194	69
1295	Epigenome wide association study of SNP-CpG înteractions on changes in triglyceride levels after pharmaceutical intervention: a GAW20 analysis. <b>2018</b> , 12, 58	2
1294	Provider bias as a function of patient genotype: polygenic score analysis among diabetics from the Health and Retirement Study. <b>2018</b> , 4, 448-454	2
1293	Synaptic Regulation of Metabolism. <b>2018</b> , 1090, 49-77	1
1292	Epigenome-wide methylation differences in a group of lean and obese women - A HUNT Study. <b>2018</b> , 8, 16330	11
1291	Low Salivary Amylase Gene () Copy Number Is Associated with Obesity and Gut Abundance in Mexican Children and Adults. <b>2018</b> , 10,	25
1290	Genetic regulation of the placental transcriptome underlies birth weight and risk of childhood obesity. <b>2018</b> , 14, e1007799	13
1289	Lack of Hypothalamus Polysialylation Inducibility Correlates With Maladaptive Eating Behaviors and Predisposition to Obesity. <b>2018</b> , 5, 125	3
1288	Exposing the Causal Effect of C-Reactive Protein on the Risk of Type 2 Diabetes Mellitus: A Mendelian Randomization Study. <b>2018</b> , 9, 657	51
1287	Using Integrative Analysis of DNA Methylation and Gene Expression Data in Multiple Tissue Types to Prioritize Candidate Genes for Drug Development in Obesity. <b>2018</b> , 9, 663	2

1286	GWAS identifies 14 loci for device-measured physical activity and sleep duration. <b>2018</b> , 9, 5257	123
1285	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <b>2018</b> , 14, e1007813	166
1284	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. <b>2018</b> , 320, 2553-2563	78
1283	A viable hypomorphic mutation causes hyperphagic obesity, diabetes and hepatic steatosis. <b>2018</b> , 11,	5
1282	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. <b>2018</b> , 14, e1007755	15
1281	An Enrichment Analysis for Cardiometabolic Traits Suggests Non-Random Assignment of Genes to microRNAs. <b>2018</b> , 19,	O
1280	Global patterns in excess body weight and the associated cancer burden. <b>2019</b> , 69, 88-112	124
1279	Molecular Relationships between Bronchial Asthma and Hypertension as Comorbid Diseases. <b>2018</b> , 15,	9
1278	Genetic identification of Ly75 as a novel quantitative trait gene for resistance to obesity in mice. <b>2018</b> , 8, 17658	0
1277	Genome wide association analysis in a mouse advanced intercross line. <b>2018</b> , 9, 5162	20
1276	Precocious subcutaneous abdominal stem cell development to adipocytes in normal-weight women with polycystic ovary syndrome. <b>2018</b> , 110, 1367-1376	19
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ŕ	with polycystic ovary syndrome. <b>2018</b> , 110, 1367-1376  Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <b>2018</b>	
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1275	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. 2018, 9, 5052  Genome-Wide Association Studies of Estimated Fatty Acid Desaturase Activity in Serum and Adipose Tissue in Elderly Individuals: Associations with Insulin Sensitivity. 2018, 10,  Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and	29
1275 1274 1273	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. 2018, 9, 5052  Genome-Wide Association Studies of Estimated Fatty Acid Desaturase Activity in Serum and Adipose Tissue in Elderly Individuals: Associations with Insulin Sensitivity. 2018, 10,  Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. 2018, 50, 1505-1513	29 12 675
1275 1274 1273	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. 2018, 9, 5052  Genome-Wide Association Studies of Estimated Fatty Acid Desaturase Activity in Serum and Adipose Tissue in Elderly Individuals: Associations with Insulin Sensitivity. 2018, 10,  Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. 2018, 50, 1505-1513  Pervasive Modulation of Obesity Risk by the Environment and Genomic Background. 2018, 9,  Evaluation of the causal effects between subjective wellbeing and cardiometabolic health:	29 12 675 10

1268	Type 2 diabetes genetic loci informed by multi-trait associations point to disease mechanisms and subtypes: A soft clustering analysis. <b>2018</b> , 15, e1002654	180
1267	Adjustment for covariates using summary statistics of genome-wide association studies. <b>2018</b> , 42, 812-825	3
1266	Mendelian Randomization Studies of Coffee and Caffeine Consumption. 2018, 10,	41
1265	Bivariate genome-wide association analysis strengthens the role of bitter receptor clusters on chromosomes 7 and 12 in human bitter taste. <b>2018</b> , 19, 678	13
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1050	PRSice-2: Polygenic Risk Score software for biobank-scale data. <b>2019</b> , 8,	325
1049	Role of Personalized Nutrition in Chronic-Degenerative Diseases. <b>2019</b> , 11,	49
1048	A Brief Review of Genetic Approaches to the Study of Food Preferences: Current Knowledge and Future Directions. <b>2019</b> , 11,	12
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1046	A Phenome-Wide Mendelian Randomization Study of Pancreatic Cancer Using Summary Genetic Data. <b>2019</b> , 28, 2070-2078	17
1045	Insulin Resistance Exacerbates Genetic Predisposition to Nonalcoholic Fatty Liver Disease in Individuals Without Diabetes. <b>2019</b> , 3, 894-907	21
1044	The genetic interplay between body mass index, breast size and breast cancer risk: a Mendelian randomization analysis. <b>2019</b> , 48, 781-794	16
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1028	The genetic underpinnings of obesity. <b>2019</b> , 12, 57-64	
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1026	The Parkinson's Disease Mendelian Randomization Research Portal. <b>2019</b> , 34, 1864-1872	29
1025	Assessing Causality in Associations of Serum Calcium and Magnesium Levels With Heart Failure: A Two-Sample Mendelian Randomization Study. <b>2019</b> , 10, 1069	6
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1023	Disparity in Adiposity among Adults with Normal Body Mass Index and Waist-to-Height Ratio. <b>2019</b> , 21, 612-623	4
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1015	Depression increases the genetic susceptibility to high body mass index: Evidence from UK Biobank. <b>2019</b> , 36, 1154-1162	13
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1012	Habitual consumption of long-chain n-3 PUFAs and fish attenuates genetically associated long-term weight gain. <b>2019</b> , 109, 665-673	15
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961	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. <b>2019</b> , 206, 245-255	6
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923	Sleep Duration and Adiposity in Children and Adults: Observational and Mendelian Randomization Studies. <b>2019</b> , 27, 1013-1022	7
922	Integrated analysis of genomics, longitudinal metabolomics, and Alzheimer's risk factors among 1,111 cohort participants. <b>2019</b> , 43, 657-674	12
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918	Genetic Study on Small Insertions and Deletions in Psoriasis Reveals a Role in Complex Human Diseases. <b>2019</b> , 139, 2302-2312.e14	9
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912	Polygenic Prediction of Weight and Obesity Trajectories from Birth to Adulthood. <b>2019</b> , 177, 587-596.e9	265
911	Human Gain-of-Function MC4R Variants Show Signaling Bias and Protect against Obesity. <b>2019</b> , 177, 597-607.e9	113
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904	Genes with High Network Connectivity Are Enriched for Disease Heritability. 2019, 104, 896-913	19
903	Benchmarker: An Unbiased, Association-Data-Driven Strategy to Evaluate Gene Prioritization Algorithms. <b>2019</b> , 104, 1025-1039	4
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900	Low-Carb and Ketogenic Diets in Type 1 and Type 2 Diabetes. <b>2019</b> , 11,	68
899	Gene Lifestyle Interactions With Relation to Obesity, Cardiometabolic, and Cardiovascular Traits Among South Asians. <b>2019</b> , 10, 221	5
898	Role of Natural Phenolics in Hepatoprotection: A Mechanistic Review and Analysis of Regulatory Network of Associated Genes. <b>2019</b> , 10, 509	40
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893	Savanna Monkey Taxonomy. <b>2019</b> , 31-54	1
892	The Promise of Vervet Genomics. <b>2019</b> , 55-59	
891	African Green Monkeys as a Natural Host of SIV. <b>2019</b> , 60-70	

890	The Vervet Microbiome. <b>2019</b> , 71-78	
889	Population Genetics and Savanna Monkeys. <b>2019</b> , 81-100	
888	Population Genetic Structure of Vervet Monkeys in South Africa. <b>2019</b> , 101-106	
887	Behavioral Ecology of Savanna Monkeys. <b>2019</b> , 109-126	Ο
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885	Biological Complexity in Primate Sociality and Health. <b>2019</b> , 133-140	
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882	Life History of Savanna Monkeys. <b>2019</b> , 163-198	1
881	The Social and Thermal Competence of Wild Vervet Monkeys. <b>2019</b> , 199-207	1
880	Novelty-Seeking in Vervets: Developmental, Genetic, and Environmental Influences. 2019, 208-216	
879	Measurement of Novelty-Seeking in Wild Vervet Monkeys. <b>2019</b> , 217-223	
878	Causes of Variation in the Static Allometry of Morphological Structures: A Case Study with Vervet Monkeys. <b>2019</b> , 224-232	
877	Ethnoprimatology and Savanna Monkeys. <b>2019</b> , 235-243	1
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869	Genome-wide association study identifies genetic loci for self-reported habitual sleep duration supported by accelerometer-derived estimates. <b>2019</b> , 10, 1100	147
868	Causal Associations in Type 2 Diabetes Development. <b>2019</b> , 104, 1313-1324	5
867	Increased Diet Quality is Associated with Long-Term Reduction of Abdominal and Pericardial Fat. <b>2019</b> , 27, 670-677	7
866	deTS: tissue-specific enrichment analysis to decode tissue specificity. <b>2019</b> , 35, 3842-3845	24
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864	Analyses of IGFBP2 DNA methylation and mRNA expression in visceral and subcutaneous adipose tissues of obese subjects. <b>2019</b> , 45, 31-36	9
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643	Association of 3-hydroxy-3-methylglutaryl-coenzyme A reductase gene polymorphism with obesity and lipid metabolism in children and adolescents with autism spectrum disorder. <b>2021</b> , 1	O
642	The Effect of General Adiposity and Central Body Fat Distribution on the Circulating Metabolome: a Multi-Cohort Non-Targeted Metabolomics Observational and Mendelian Randomization Study. <b>2021</b> ,	2
641	Cardiovascular Risk Factors and MRI Markers of Cerebral Small Vessel Disease: A Mendelian Randomization Study. <b>2021</b> ,	3
640	Anti-obesity drug discovery: advances and challenges. 2021,	40
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637	Mendelian randomization analysis of the causal impact of body mass index and waist-hip ratio on rates of hospital admission. <b>2021</b> , 44, 101088	О
636	Integration of Real-World Data and Genetics to Support Target Identification and Validation. <b>2021</b> , 111, 63	0
635	Resident and migratory adipose immune cells control systemic metabolism and thermogenesis. <b>2021</b> ,	2
634	APOL1 renal risk variants are associated with obesity and body composition in African ancestry adults: An observational genotype-phenotype association study. <b>2021</b> , 100, e27785	1
633	Nuciferine, an active ingredient derived from lotus leaf, lights up the way for the potential treatment of obesity and obesity-related diseases. <b>2021</b> , 175, 106002	5
632	How robust are cross-population signatures of polygenic adaptation in humans?. 1,	2
631	Causal association of cognitive reserve on Alzheimer's disease with putative sex difference <b>2021</b> , 13, e12270	
630	Mice Lacking are Hypophagic and Thin <b>2022</b> , 15, 45-58	2
629	Network Mendelian randomization study: exploring the causal pathway from insomnia to type 2 diabetes <b>2022</b> , 10,	О
628	Genetic background of grey matter brain networks related to attention-deficit/hyperactivity disorder.	
627	Obesity genetics: current state of the problem. <b>2021</b> , 24, 89	
626	Evaluating and implementing block jackknife resampling Mendelian randomization to mitigate bias induced by overlapping samples.	1
625	Why Do We Care More About Disease than Health?. 1	O
624	Heart Disease and Stroke Statistics-2022 Update: A Report From the American Heart Association <b>2022</b> , CIR00000000001052	196
623	Mendelian randomisation analyses of UK Biobank and published data suggest that increased adiposity lowers risk of breast and prostate cancer <b>2022</b> , 12, 909	
622	Genome-wide association study identifies genetic risk loci for adiposity in a Taiwanese population <b>2022</b> , 18, e1009952	0
621	An integrative analysis of clinical and epigenetic biomarkers of mortality.	

620	Noise-augmented directional clustering of genetic association data identifies distinct mechanisms underlying obesity <b>2022</b> , 18, e1009975	0
619	CADM2 is implicated in impulsive personality traits by genome- and phenome-wide association studies in humans, with further support from studies of Cadm2 mutant mice.	O
618	Visceral fat inflammation and fat embolism are associated with lung's lipidic hyaline membranes in subjects with COVID-19 <b>2022</b> ,	2
617	Novel insights into the consequences of obesity: a phenotype-wide Mendelian randomization study <b>2022</b> ,	O
616	Rare Variant Analysis of Obesity-Associated Genes in Young Adults With Severe Obesity From a Consanguineous Population of Pakistan <b>2022</b> ,	0
615	Investigating childhood maltreatment as a modifier of genetic risk for cardiovascular disease in the UK Biobank.	
614	Polycystic Ovary Syndrome: An Evolutionary Adaptation to Lifestyle and the Environment <b>2022</b> , 19,	4
613	Disease consequences of higher adiposity uncoupled from its adverse metabolic effects using Mendelian randomisation <b>2022</b> , 11,	O
612	Disrupted stepwise functional brain organization in overweight individuals <b>2022</b> , 5, 11	0
611	Pathological and therapeutic roles of bioactive peptide trefoil factor 3 in diverse diseases: recent progress and perspective <b>2022</b> , 13, 62	1
610	Interaction of obesity polygenic score with lifestyle risk factors in an electronic health record biobank <b>2022</b> , 20, 5	1
609	Evaluation of methods incorporating biological function and GWAS summary statistics to accelerate discovery.	O
608	Body mass index interacts with a genetic-risk score for depression increasing the risk of the disease in high-susceptibility individuals <b>2022</b> , 12, 30	1
607	Integrative analysis of 3604 GWAS reveals multiple novel cell type-specific regulatory associations <b>2022</b> , 23, 13	1
606	Epigenomic and Transcriptomic Prioritization of Candidate Obesity-Risk Regulatory GWAS SNPs <b>2022</b> , 23,	О
605	Vigorous physical activity: a potential ally in adolescent obesity management 2022, 1-25	
604	Deconstructing a Syndrome: Genomic Insights into PCOS Causal Mechanisms and Classification <b>2022</b> ,	5
603	Using Machine Learning to Predict Obesity Based on Genome-Wide and Epigenome-Wide Gene-Gene and Gene-Diet Interactions <b>2021</b> , 12, 783845	2

602	A tool for translating polygenic scores onto the absolute scale using summary statistics 2022,	3
601	Different genes may be involved in distal and local sensitisation: a genome-wide gene-based association study and meta-analysis <b>2021</b> ,	О
600	iPSCs in insulin resistance, type 2 diabetes, and the metabolic syndrome. <b>2022</b> , 275-302	
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598	The energy balance model of obesity: beyond calories in, calories out 2022,	13
597	From biobanking to personalized prevention of obesity, diabetes and metabolic syndrome. <b>2022</b> , 20, 3123	1
596	Educational attainment as a modifier for the effect of polygenic scores for cardiovascular risk factors: cross-sectional and prospective analysis of UK Biobank <b>2022</b> ,	0
595	Do sex hormones confound or mediate the effect of chronotype on breast and prostate cancer? A Mendelian randomization study <b>2022</b> , 18, e1009887	О
594	Harnessing tissue-specific genetic variation to dissect putative causal pathways between body mass index and cardiometabolic phenotypes <b>2022</b> ,	O
593	Sleep Patterns, Genetic Susceptibility, and Incident Chronic Kidney Disease: A Prospective Study of 370 671 Participants <b>2022</b> , 16, 725478	O
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591	Obesity and risk of female reproductive conditions: A Mendelian randomisation study <b>2022</b> , 19, e1003679	1
590	Differences in thrombin and plasmin generation potential between East African and Western European adults: the role of genetic and non-genetic factors <b>2022</b> ,	О
589	Estimating SNP heritability in presence of population substructure in biobank-scale datasets 2022,	1
588	Exploring the causal effect of maternal pregnancy adiposity on offspring adiposity: Mendelian randomisation using polygenic risk scores <b>2022</b> , 20, 34	0
587	Genetic Variation in Satiety Signaling and Hypothalamic Inflammation: Merging Fields for the Study of Obesity <b>2021</b> , 101, 108928	1
586	Assessment of causal effects of visceral adipose tissue on risk of cancers: a Mendelian randomization study <b>2022</b> ,	О
585	Simultaneous test and estimation of total genetic effect in eQTL integrative analysis through mixed models <b>2022</b> ,	

584	PGS-server: accuracy, robustness and transferability of polygenic score methods for biobank scale studies <b>2022</b> ,	О
583	Smoking behavior might affect allergic rhinitis and vasomotor rhinitis differently: A mendelian randomization appraisal <b>2022</b> , 15, 100630	O
582	Evidence of islet CADM1-mediated immune cell interactions during human type 1 diabetes 2022,	О
581	Both general- and central- obesity are causally associated with polycystic ovarian syndrome: Findings of a Mendelian randomization study.	
580	Immune Response and Lipid Metabolism Gene Polymorphisms Are Associated with the Risk of Obesity in Middle-Aged and Elderly Patients <b>2022</b> , 12,	2
579	The Potential of Polygenic Risk Scores to Predict Antidepressant Treatment Response in Major Depression: a systematic review <b>2022</b> ,	2
578	Why do humans undergo an adiposity rebound? Exploring links with the energetic costs of brain development in childhood using MRI-based 4D measures of total cerebral blood flow <b>2022</b> ,	0
577	Early Life Stress, Brain Development, and Obesity Risk: Is Oxytocin the Missing Link?. 2022, 11,	O
576	Neuronal growth regulator 1 (NEGR1) promotes synaptic targeting of glutamic acid decarboxylase 65 (GAD65).	О
575	Challenges and future directions for studying effects of host genetics on the gut microbiome <b>2022</b> , 54, 100-106	6
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571	Intersecting single-cell transcriptomics and genome-wide association studies identifies crucial cell populations and candidate genes for atherosclerosis <b>2022</b> , 2, oeab043	2
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569	[The genetics of obesity - pathogenetic, clinical and diagnostic aspects]. <b>2017</b> , 21, 186-202	
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564	Adipose Tissue Inflammation and Cardiovascular Disease: An Update <b>2022</b> , 22, 27	3
563	Genetic Control of Body Weight by the Human Brain Proteome.	
562	Advances in Exposome. <b>2022</b> , 47-59	0
561	Genetische Determination der Gewichtsentwicklung. <b>2022</b> , 87-96	
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558	Genetic control of body weight by the human brain proteome.	
557	Molecular Signatures and Cellular Diversity During Mouse Habenula Development.	
556	The Effect of Polymorphisms of Energy Metabolism Genes on Metabolic Disorders in Overweight Adolescents of Two Ethnicities <b>2022</b> , 172, 430	
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552	Large-scale association study on daily weight gain in pigs reveals overlap of genetic factors for growth in humans <b>2022</b> , 23, 133	О
551	Short-term exposure to an obesogenic diet during adolescence elicits anxiety-related behavior and neuroinflammation: modulatory effects of exogenous neuregulin-1 <b>2022</b> , 12, 83	O
550	Mediterranean Diet and Genetic Determinants of Obesity and Metabolic Syndrome in European Children and Adolescents <b>2022</b> , 13,	O
549	Genetic Predisposition to Coronavirus Disease 2019 in Relation to Ten Cardiovascular Conditions: A Two-Sample Mendelian Randomization Study <b>2022</b> , 9, 796165	Ο

548	Analysis of rare genetic variation underlying cardiometabolic diseases and traits among 200,000 individuals in the UK Biobank <b>2022</b> ,	4
547	The asparagine hydroxylase FIH - a unique oxygen sensor 2022,	3
546	Transcriptome-wide Analyses of Adipose Tissue in Outbred Rats Reveal Genetic Regulatory Mechanisms Relevant for Human Obesity.	
545	Robust Mendelian randomization in the presence of residual population stratification, batch effects and horizontal pleiotropy <b>2022</b> , 13, 1093	О
544	Robust Inference of Bi-Directional Causal Relationships in Presence of Correlated Pleiotropy with GWAS Summary Data.	
543	The relationship between BMI and COVID-19: exploring misclassification and selection bias in a two-sample Mendelian randomisation study.	O
542	Causal association between chronic kidney disease and risk of 19 site-specific cancers: A Mendelian randomization study <b>2022</b> ,	1
541	Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study <b>2022</b> ,	О
540	Shared genetic loci for body fat storage and adipocyte lipolysis in humans 2022, 12, 3666	О
539	The Statin Target Hmgcr Regulates Energy Metabolism and Food Intake through Central Mechanisms <b>2022</b> , 11,	О
538	Shared Genetic Basis and Causal Relationship Between Television Watching, Breakfast Skipping and Type 2 Diabetes: Evidence From a Comprehensive Genetic Analysis <b>2022</b> , 13, 836023	1
537	The association between metabolically different adiposity subtypes and osteoarthritis: a Mendelian randomisation study <b>2022</b> ,	О
536	Management of BMI Is a Potential New Approach for the Prevention of Idiopathic Pulmonary Fibrosis <b>2022</b> , 13, 821029	
535	Estimation of time-varying causal effects with multivariable Mendelian randomization: some cautionary notes.	О
534	Genetic and phenotypic links between obesity and extracellular vesicles 2022,	
533	No overall impact on body mass index for age change after dolutegravir initiation in a French paediatric cohort <b>2022</b> ,	О
532	Mendelian randomization suggests a bidirectional, causal relationship between physical inactivity and adiposity <b>2022</b> , 11,	1
531	Fine Mapping of the Region Identified rs7175517 as a Causal Variant Related to BMI in China and the United Kingdom Populations <b>2022</b> , 13, 838685	

530	Investigating the effects of statins on ischemic heart disease allowing for effects on body mass index: a Mendelian randomization study <b>2022</b> , 12, 3478	O
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526	Evidence That Substantia Nigra Pars Compacta Dopaminergic Neurons Are Selectively Vulnerable to Oxidative Stress Because They Are Highly Metabolically Active <b>2022</b> , 16, 826193	2
525	Meta-analysis fine-mapping is often miscalibrated at single-variant resolution.	1
524	Genome-wide Association Study Identifies Genetic Loci Associated with Fat Cell Number and Overlap with Genetic Risk Loci For Type 2 Diabetes <b>2022</b> ,	O
523	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer <b>2022</b> , 1	O
522	Sex and genetic specific effects on behavioral, but not metabolic, responses to a high fat diet in heterogeneous stock rats.	
521	Proteomic Profiles of Body Mass Index and Waist-to-Hip Ratio and their Role in Incidence of Diabetes <b>2022</b> ,	O
520	A Novel Hierarchical Clustering Approach for Joint Analysis of Multiple Phenotypes Uncovers Obesity Variants Based on ARIC <b>2022</b> , 13, 791920	O
519	"GENYAL" Study to Childhood Obesity Prevention: Methodology and Preliminary Results 2022, 9, 777384	
518	Body mass index and healthcare costs: using genetic variants from the HUNT study as instrumental variables <b>2022</b> , 22, 396	
517	Integrative Hedonic and Homeostatic Food Intake Regulation by the Central Nervous System: Insights from Neuroimaging <b>2022</b> , 12,	1
516	Genetically determined reproductive aging and coronary heart disease: a bidirectional two-sample Mendelian Randomization <b>2022</b> ,	1
515	METRO: Multi-ancestry transcriptome-wide association studies for powerful gene-trait association detection <b>2022</b> ,	O
514	Impact of nonrandom selection mechanisms on the causal effect estimation for two-sample Mendelian randomization methods <b>2022</b> , 18, e1010107	O
513	Lack of Evidence for a Causal Role of Hyperinsulinemia in the Progression of Obesity in Children and Adolescents: A Longitudinal Study <b>2022</b> ,	1

512	Using Local Genetic Correlation Improves Polygenic Score Prediction Across Traits.	О
511	Leveraging the local genetic structure for trans-ancestry association mapping.	
510	Associations between Gene-Gene Interaction and Overweight/Obesity of 12-Month-Old Chinese Infants <b>2022</b> , 2022, 1499454	
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508	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations <b>2022</b> , 5, 329	2
507	Affective response to physical activity as a deep phenotype in a non-randomized pilot study <b>2022</b> , 12, 5893	
506	Simulated distributions from negative experiments highlight the importance of the body mass index distribution in explaining depression-body mass index genetic risk score interactions <b>2022</b> ,	
505	Genetically Predicted Frailty Index and Risk of Stroke and Alzheimer's Disease 2022,	O
504	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits-The Hispanic/Latino Anthropometry Consortium <b>2022</b> , 3, 100099	O
503	Genetic Association of Body Mass Index With Pathologic Left Ventricular Remodeling 2022, e024408	
502	Long-term benefits of probiotics and calcium supplementation during childhood, and other biomedical and socioenvironmental factors, on adolescent neurodevelopmental outcomes. <b>2022</b> , 91, 105014	
501	Environmental risk factors in multiple sclerosis: bridging Mendelian randomization and observational studies <b>2022</b> , 1	3
500	Assessing the impact of blood pressure in the development of inflammatory bowel disease 2022,	О
499	The Association Between Puberty Timing and Body Mass Index in a Longitudinal Setting: The Contribution of Genetic Factors <b>2022</b> , 1	1
498	Genetic estimates of correlation and causality between blood-based biomarkers and psychiatric disorders <b>2022</b> , 8, eabj8969	2
497	Genetically-predicted trait-BMI, everyday discrimination and life satisfaction among older U.S. adults. 1	
496	Prediction of incident atherosclerotic cardiovascular disease with polygenic risk of metabolic disease: Analysis of 3 prospective cohort studies in Korea <b>2022</b> , 348, 16-24	
495	Does better education mitigate risky health behavior? A mendelian randomization study <b>2022</b> , 46, 101134	2

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493	Sex Differences in the Associations of Nutrient Patterns with Total and Regional Adiposity: A Study of Middle-Aged Black South African Men and Women <b>2021</b> , 13,	O
492	Statistical models and computational tools for predicting complex traits and diseases <b>2021</b> , 19, e36	1
491	Contributions of obesity to kidney health and disease - insights from mendelian randomisation and the human kidney transcriptomics. <b>2021</b> ,	1
490	Identification of rare loss of function genetic variation regulating body fat distribution. 2021,	1
489	Two-Sample Multivariable Mendelian Randomization Analysis Using R 2021, 1, e335	1
488	Using multivariable Mendelian randomization to estimate the causal effect of bone mineral density on osteoarthritis risk, independently of body mass index <b>2021</b> ,	0
487	Leveraging global multi-ancestry meta-analysis in the study of Idiopathic Pulmonary Fibrosis genetics.	2
486	A Transcriptomic and Proteomic Atlas of Obesity and Type 2 Diabetes in Cynomolgus Monkeys.	
485	Causal Associations of Obesity With the Intervertebral Degeneration, Low Back Pain, and Sciatica: A Two-Sample Mendelian Randomization Study <b>2021</b> , 12, 740200	2
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483	Findings from the Hispanic Community Health Study/Study of Latinos on the Importance of Sociocultural Environmental Interactors: Polygenic Risk Score-by-Immigration and Dietary Interactions <b>2021</b> , 12, 720750	O
482	Fetal alleles predisposing to metabolically favourable adiposity are associated with higher birth weight <b>2021</b> ,	0
481	Genetic Architecture of Heart Failure with Preserved versus Reduced Ejection Fraction.	O
480	Identifying molecular mediators of the relationship between body mass index and endometrial cancer risk: a Mendelian randomization analysis.	
479	Top 100 Most Cited Studies in Obesity Research: A Bibliometric Analysis.	O
478	Body mass index but not genetic risk is longitudinally associated with altered structural brain parameters <b>2021</b> , 11, 24246	0
477	Progress and Prospects in Epigenetic Studies of Ancient DNA <b>2021</b> , 86, 1563-1571	1

476	Causal role of high body mass index in multiple chronic diseases: a systematic review and meta-analysis of Mendelian randomization studies <b>2021</b> , 19, 320	6
475	Mendelian randomization analysis reveals causal effects of plasma proteome on body composition traits <b>2021</b> ,	1
474	Analyses of the Autism-associated Neuroligin-3 R451C Mutation in Human Neurons Reveals a Gain-of-Function Synaptic Mechanism.	О
473	Precision Medicine and Obesity <b>2021</b> , 1	
472	Machine learning enables new insights into genetic contributions to liver fat accumulation 2021, 1,	3
471	Regulatory modules of human thermogenic adipocytes: functional genomics of large cohort and Meta-analysis derived marker-genes <b>2021</b> , 22, 886	О
470	Classical risk factors for primary coronary artery disease from an aging perspective through Mendelian Randomization <b>2021</b> , 1	0
469	Genome-wide association study for four measures of epigenetic age acceleration and two epigenetic surrogate markers using DNA methylation data from Taiwan biobank <b>2021</b> ,	1
468	Analysis of the Batch Effect Due to Sequencing Center in Population Statistics Quantifying Rare Events in the 1000 Genomes Project <b>2021</b> , 13,	o
467	Obesity increases heart failure incidence and mortality: observational and Mendelian randomisation studies totalling over 1 million individuals <b>2021</b> ,	1
466	Obesity is an important paediatric problem that paediatricians and endocrinologists should address together. <b>2021</b> , 346-350	
465	In Pursuit of Distinctiveness: Transmembrane Nucleoporins and Their Disease Associations <b>2021</b> , 11, 784319	О
464	Causative Mechanisms of Childhood and Adolescent Obesity Leading to Adult Cardiometabolic Disease: A Literature Review. <b>2021</b> , 11, 11565	0
463	Modeling Interaction and Dispersion Effects in the Analysis of Gene-by-Environment Interaction. <b>2021</b> , 52, 56	1
462	Genetic liability for Prescription Opioid Use and Risk of Cardiovascular Diseases: A Multivariable Mendelian Randomization Study. <b>2021</b> ,	2
461	Hedonistic polyphagia as a cause of obesity: when the brain does not control the body. <b>2022</b> , 25, 74	
460	Epidemiology of Obesity <b>2022</b> ,	2
459	Epigenetic Epidemiology of Obesity and Type 2 Diabetes. <b>2022</b> , 445-474	О

458	Single-nucleotide polymorphisms in medical nutritional weight loss: Challenges and future directions. <b>2022</b> , 10, 1-4	
457	From menarche to menopause: the impact of reproductive factors on the metabolic profile of over 65,000 women.	O
456	Identifying molecular mediators of the relationship between body mass index and endometrial cancer risk: a Mendelian randomization analysis <b>2022</b> , 20, 125	4
455	The potential of DNA methylation as a biomarker for obesity and smoking 2022,	2
454	FNIP1 regulates adipocyte browning and systemic glucose homeostasis in mice by shaping intracellular calcium dynamics <b>2022</b> , 219,	O
453	A comparative transcriptomic analysis of Glucagon-like peptide-1 receptor- and glucose-dependent insulinotropic polypeptide-expressing cells in the hypothalamus <b>2022</b> , 106022	O
452	Genetic and environmental factors underlying parallel changes in body mass index and alcohol consumption: a 36-year longitudinal study of adult twins.	
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450	Distinct causal effects of body fat distribution on cardiometabolic traits among children: findings from the BCAMS study. <b>2022</b> ,	O
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448	Table_1.docx. <b>2018</b> ,	
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399	Table_2.xlsx. <b>2020</b> ,	
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391	A two-sample robust Bayesian Mendelian Randomization method accounting for linkage disequilibrium and idiosyncratic pleiotropy with applications to the COVID-19 outcomes <b>2022</b> ,	1
390	Lipid peroxidation biomarkers associated with height and obesity measures in the opposite direction in women <b>2022</b> ,	0
389	What Is the Efficacy of Short Length of Biliopancreatic Limb in One-Anastomosis Gastric Bypass? A Systematic Review and Meta-analysis of Short-Term Results <b>2022</b> , 1	O
388	Transcriptome-wide analyses of adipose tissue in outbred rats reveal genetic regulatory mechanisms relevant for human obesity <b>2022</b> ,	О
387	Body Mass Index, Interleukin-6 Signaling and Multiple Sclerosis: A Mendelian Randomization Study <b>2022</b> , 13, 834644	O

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385	Predicting mechanisms of action at genetic loci associated with discordant effects on type 2 diabetes and abdominal fat accumulation.	
384	Leptin Signaling in Obesity and Colorectal Cancer <b>2022</b> , 23,	2
383	The immune checkpoint B7-H3 (CD276) regulates adipocyte progenitor metabolism and obesity development <b>2022</b> , 8, eabm7012	O
382	, , and SNPs, Gene-Gene and Gene-Environment Interactions on Coronary Artery Disease and Ischemic Stroke <b>2022</b> , 13, 843661	O
381	The Causal Association Between Obesity and Primary Open-Angle Glaucoma: A Two-Sample Mendelian Randomization Study <b>2022</b> , 13, 835524	1
380	Evidence of a Causal Link Between the Well-Being Spectrum and the Risk of Myocardial Infarction: A Mendelian Randomization Study <b>2022</b> , 13, 842223	0
379	Genetic risk score for intracranial aneurysms to predict aneurysmal subarachnoid hemorrhage and identify associations with patient characteristics.	
378	Integrative analysis of clinical and epigenetic biomarkers of mortality 2022, e13608	1
377	Molecular-genetic characteristics of patients with diabetes mellitus. Vestsi Natsyyanalfiai akademii navuk Belarusi. <b>2022</b> , 67, 158-171	
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144	Metabolic Syndrome, Nonalcoholic Fatty Liver Disease, and Chronic Hepatitis B: A Narrative Review.	0
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