Elizabeth K Speliotes

List of Publications by Year in Descending Order

80 papers	22,469 citations	44 h-index	90 g-index
90 ext. papers	26,223 ext. citations	15.4 avg, IF	4.96 L-index

#	Paper	IF	Citations
80	Hepatic decompensation is accelerated in patients with cirrhosis and alpha-1 antitrypsin Pi*MZ genotype.. *JHEP Reports*, **2022**, 4, 100483	10.3	0
79	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. *American Journal of Human Genetics*, **2021**, 108, 564-582	11	7
78	Allele-specific variation at APOE increases nonalcoholic fatty liver disease and obesity but decreases risk of Alzheimer disease and myocardial infarction. *Human Molecular Genetics*, **2021**, 30, 1443-1456	5.6	5
77	A Noncoding Variant Near PPP1R3B Promotes Liver Glycogen Storage and MetS, but Protects Against Myocardial Infarction. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 372-387	5.6	3
76	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. *Journal of Hepatology*, **2021**, 74, 20-30	13.4	24
75	Loci identified by a genome-wide association study of carotid artery stenosis in the eMERGE network. *Genetic Epidemiology*, **2021**, 45, 4-15	2.6	5
74	Genome-wide association study of serum liver enzymes implicates diverse metabolic and liver pathology. *Nature Communications*, **2021**, 12, 816	17.4	14
73	Genetic variants that associate with cirrhosis have pleiotropic effects on human traits. *Liver International*, **2020**, 40, 405-415	7.9	22
72	Independent markers of nonalcoholic fatty liver disease in a gentrifying population-based Chinese cohort. *Diabetes/Metabolism Research and Reviews*, **2019**, 35, e3156	7.5	15
71	A Peripheral Blood DNA Methylation Signature of Hepatic Fat Reveals a Potential Causal Pathway for Nonalcoholic Fatty Liver Disease. *Diabetes*, **2019**, 68, 1073-1083	0.9	25
70	Body Composition and Genetic Lipodystrophy Risk Score Associate With Nonalcoholic Fatty Liver Disease and Liver Fibrosis. *Hepatology Communications*, **2019**, 3, 1073-1084	6	9
69	Insulin Resistance Exacerbates Genetic Predisposition to Nonalcoholic Fatty Liver Disease in Individuals Without Diabetes. *Hepatology Communications*, **2019**, 3, 894-907	6	21
68	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
67	Treatment of Dyslipidemia in Common Liver Diseases. *Clinical Liver Disease*, **2019**, 14, 161-162	2.2	0
66	17-Beta Hydroxysteroid Dehydrogenase 13 Is a Hepatic Retinol Dehydrogenase Associated With Histological Features of Nonalcoholic Fatty Liver Disease. *Hepatology*, **2019**, 69, 1504-1519	11.2	133
65	Identification of seven novel loci associated with amino acid levels using single-variant and gene-based tests in 8545 Finnish men from the METSIM study. *Human Molecular Genetics*, **2018**, 27, 1664-1674	5.6	20
64	Twenty-five-year trajectories of insulin resistance and pancreatic cell response and diabetes risk in nonalcoholic fatty liver disease. *Liver International*, **2018**, 38, 2069-2081	7.9	10

63	Thwart your destiny; effect of nonacoholic fatty liver disease genes on steatosis, liver injury and cirrhosis varies by body mass index. *Hepatology*, **2018**, 68, 372-374	11.2	
62	Functional Analysis of the Dengue Virus Genome Using an Insertional Mutagenesis Screen. *Journal of Virology*, **2018**, 92,	6.6	4
61	Body mass index trajectories in young adulthood predict non-alcoholic fatty liver disease in middle age: The CARDIA cohort study. *Liver International*, **2018**, 38, 706-714	7.9	24
60	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
59	Association of Nonalcoholic Fatty Liver Disease With Lower Brain Volume in Healthy Middle-aged Adults in the Framingham Study. *JAMA Neurology*, **2018**, 75, 97-104	17.2	54
58	Genome-Wide Study of Subcutaneous and Visceral Adipose Tissue Reveals Novel Sex-Specific Adiposity Loci in Mexican Americans. *Obesity*, **2018**, 26, 202-212	8	9
57	Genome-wide association analyses identify 39 new susceptibility loci for diverticular disease. *Nature Genetics*, **2018**, 50, 1359-1365	36.3	49
56	Treatment of Dyslipidemia in Common Liver Diseases. *Clinical Gastroenterology and Hepatology*, **2018**, 16, 1189-1196	6.9	16
55	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
54	Recent Advances in Human Genetics and Epigenetics of Adiposity: Pathway to Precision Medicine?. *Gastroenterology*, **2017**, 152, 1695-1706	13.3	20
53	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. *JAMA Oncology*, **2017**, 3, 636-651	13.4	236
52	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
51	Genome-wide linkage and association analysis of cardiometabolic phenotypes in Hispanic Americans. *Journal of Human Genetics*, **2017**, 62, 175-184	4.3	4
50	Novel association of rs58542926 genotype with increased serum tyrosine levels and decreased apoB-100 particles in Finns. *Journal of Lipid Research*, **2017**, 58, 1471-1481	6.3	35
49	Adipose Tissue Depots and Their Cross-Sectional Associations With Circulating Biomarkers of Metabolic Regulation. *Journal of the American Heart Association*, **2016**, 5,	6	23
48	Biological interpretation of genome-wide association studies using predicted gene functions. *Nature Communications*, **2015**, 6, 5890	17.4	489
47	TM6SF2: catch-22 in the fight against nonalcoholic fatty liver disease and cardiovascular disease?. *Gastroenterology*, **2015**, 148, 679-84	13.3	58
46	Gene-based meta-analysis of genome-wide association studies implicates new loci involved in obesity. *Human Molecular Genetics*, **2015**, 24, 6849-60	5.6	44

45	Population genetic differentiation of height and body mass index across Europe. *Nature Genetics*, **2015**, 47, 1357-62	36.3	186
44	Nonalcoholic fatty liver disease and vascular function: cross-sectional analysis in the Framingham heart study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1284-91	9.4	53
43	Commentary on Diagnostic Problems in Hepatology Cases. *Seminars in Liver Disease*, **2015**, 35, 432-3	7.3	
42	A Comprehensive Analysis of Common and Rare Variants to Identify Adiposity Loci in Hispanic Americans: The IRAS Family Study (IRASFS). *PLoS ONE*, **2015**, 10, e0134649	3.7	17
41	Sugar-sweetened beverage, diet soda, and fatty liver disease in the Framingham Heart Study cohorts. *Journal of Hepatology*, **2015**, 63, 462-9	13.4	112
40	Hepatic steatosis and cardiovascular disease outcomes: An analysis of the Framingham Heart Study. *Journal of Hepatology*, **2015**, 63, 470-6	13.4	119
39	Insights from Genome-Wide Association Analyses of Nonalcoholic Fatty Liver Disease. *Seminars in Liver Disease*, **2015**, 35, 375-91	7.3	37
38	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
37	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
36	Empirical characteristics of family-based linkage to a complex trait: the ADIPOQ region and adiponectin levels. *Human Genetics*, **2015**, 134, 203-13	6.3	6
35	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
34	Genome-wide family-based linkage analysis of exome chip variants and cardiometabolic risk. *Genetic Epidemiology*, **2014**, 38, 345-52	2.6	14
33	Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86	36.3	1339
32	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
31	Genetic evidence for a normal-weight "metabolically obese" phenotype linking insulin resistance, hypertension, coronary artery disease, and type 2 diabetes. *Diabetes*, **2014**, 63, 4369-77	0.9	131
30	Genetic Pleiotropies of Obesity **2014**, 93-111		
29	Association between variants in or near PNPLA3, GCKR, and PPP1R3B with ultrasound-defined steatosis based on data from the third National Health and Nutrition Examination Survey. *Clinical Gastroenterology and Hepatology*, **2013**, 11, 1183-1190.e2	6.9	95
28	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

27	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. *Nature Genetics*, **2013**, 45, 690-6	36.3	192
26	Characterization of European ancestry nonalcoholic fatty liver disease-associated variants in individuals of African and Hispanic descent. *Hepatology*, **2013**, 58, 966-75	11.2	91
25	Genetic variation at NCAN locus is associated with inflammation and fibrosis in non-alcoholic fatty liver disease in morbid obesity. *Human Heredity*, **2013**, 75, 34-43	1.1	66
24	Genome-wide association of body fat distribution in African ancestry populations suggests new loci. *PLoS Genetics*, **2013**, 9, e1003681	6	92
23	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500	6	277
22	Intramuscular fat and associations with metabolic risk factors in the Framingham Heart Study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 863-70	9.4	69
21	FTO genotype is associated with phenotypic variability of body mass index. *Nature*, **2012**, 490, 267-72	50.4	304
20	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. *Nature Genetics*, **2011**, 43, 753-60	36.3	237
19	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. *Nature Genetics*, **2011**, 43, 1131-8	36.3	415
18	Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. *PLoS Genetics*, **2011**, 7, e1001324	6	629
17	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
16	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60	36.3	724
15	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
14	Fatty liver is associated with dyslipidemia and dysglycemia independent of visceral fat: the Framingham Heart Study. *Hepatology*, **2010**, 51, 1979-87	11.2	277
13	PNPLA3 variants specifically confer increased risk for histologic nonalcoholic fatty liver disease but not metabolic disease. *Hepatology*, **2010**, 52, 904-12	11.2	267
12	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. *PLoS Genetics*, **2009**, 5, e1000508	6	393
11	Common body mass index-associated variants confer risk of extreme obesity. *Human Molecular Genetics*, **2009**, 18, 3502-7	5.6	91
10	The genetic determinants of common human obesity. *Current Cardiovascular Risk Reports*, **2009**, 3, 411-417	3.9	2

9	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. *Nature Genetics*, **2009**, 41, 25-34	36.3	1368
8	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
7	Liver fat is reproducibly measured using computed tomography in the Framingham Heart Study. *Journal of Gastroenterology and Hepatology (Australia)*, **2008**, 23, 894-9	4	94
6	Genome-wide association analysis identifies loci for type 2 diabetes and triglyceride levels. *Science*, **2007**, 316, 1331-6	33.3	2364
5	The survivin-like C. elegans BIR-1 protein acts with the Aurora-like kinase AIR-2 to affect chromosomes and the spindle midzone. *Molecular Cell*, **2000**, 6, 211-23	17.6	223
4	Increased expression of basic fibroblast growth factor (bFGF) following focal cerebral infarction in the rat. *Molecular Brain Research*, **1996**, 39, 31-42		77
3	Comparison of the potency of competitive NMDA antagonists against the neurotoxicity of glutamate and NMDA. *Journal of Neurochemistry*, **1994**, 63, 879-85	6	16
2	rs641738C>T near MBOAT7 is positively associated with liver fat, ALT, and histological severity of NAFLD: a meta-analysis		3
1	Knockout of murine Lyplal1 confers sex-specific protection against diet-induced obesity		1