James C Engert

List of Publications by Citations

87 papers	8,683 citations	34 h-index	92 g-index
92 ext. papers	9,945 ext. citations	9.7 avg, IF	4.47 L-index

#	Paper	IF	Citations
87	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. *Lancet, The*, **2012**, 380, 572-80	40	1523
86	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nature Genetics*, **2011**, 43, 333-8	36.3	1394
85	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. *Nature Genetics*, **2009**, 41, 334-41	36.3	884
84	Exome sequencing, ANGPTL3 mutations, and familial combined hypolipidemia. *New England Journal of Medicine*, **2010**, 363, 2220-7	59.2	485
83	Genetic Loci associated with C-reactive protein levels and risk of coronary heart disease. *JAMA - Journal of the American Medical Association*, **2009**, 302, 37-48	27.4	459
82	Association between C reactive protein and coronary heart disease: mendelian randomisation analysis based on individual participant data. *BMJ, The*, **2011**, 342, d548	5.9	422
81	ARSACS, a spastic ataxia common in northeastern Quβec, is caused by mutations in a new gene encoding an 11.5-kb ORF. *Nature Genetics*, **2000**, 24, 120-5	36.3	332
80	Concept, design and implementation of a cardiovascular gene-centric 50 k SNP array for large-scale genomic association studies. *PLoS ONE*, **2008**, 3, e3583	3.7	321
79	Common genetic variation in ABCA1 is associated with altered lipoprotein levels and a modified risk for coronary artery disease. *Circulation*, **2001**, 103, 1198-205	16.7	262
78	Genetic variants of FTO influence adiposity, insulin sensitivity, leptin levels, and resting metabolic rate in the Quebec Family Study. *Diabetes*, **2008**, 57, 1147-50	0.9	184
77	Homocysteine and coronary heart disease: meta-analysis of MTHFR case-control studies, avoiding publication bias. *PLoS Medicine*, **2012**, 9, e1001177	11.6	135
76	Association of low-density lipoprotein cholesterol-related genetic variants with aortic valve calcium and incident aortic stenosis. *JAMA - Journal of the American Medical Association*, **2014**, 312, 1764-71	27.4	134
75	5Sflanking variants of resistin are associated with obesity. *Diabetes*, **2002**, 51, 1629-34	0.9	129
74	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. *American Journal of Human Genetics*, **2011**, 88, 6-18	11	103
73	A genome-wide association study for coronary artery disease identifies a novel susceptibility locus in the major histocompatibility complex. *Circulation: Cardiovascular Genetics*, **2012**, 5, 217-25		92
72	Parental history and myocardial infarction risk across the world: the INTERHEART Study. *Journal of the American College of Cardiology*, **2011**, 57, 619-27	15.1	90
71	Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. *Journal of the American College of Cardiology*, **2010**, 56, 1552-63	15.1	75

70	Penetrance of Polygenic Obesity Susceptibility Loci across the Body Mass Index Distribution. *American Journal of Human Genetics*, **2017**, 101, 925-938	11	73
69	Genetic analysis of 103 candidate genes for coronary artery disease and associated phenotypes in a founder population reveals a new association between endothelin-1 and high-density lipoprotein cholesterol. *American Journal of Human Genetics*, **2007**, 80, 673-82	11	71
68	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 534-543	18.1	69
67	The effect of chromosome 9p21 variants on cardiovascular disease may be modified by dietary intake: evidence from a case/control and a prospective study. *PLoS Medicine*, **2011**, 8, e1001106	11.6	67
66	Identification of susceptibility genes for complex diseases using pooling-based genome-wide association scans. *Human Genetics*, **2009**, 125, 305-18	6.3	66
65	Common polymorphisms in the promoter of the visfatin gene (PBEF1) influence plasma insulin levels in a French-Canadian population. *Diabetes*, **2006**, 55, 2896-902	0.9	64
64	NLRP7 in the spectrum of reproductive wastage: rare non-synonymous variants confer genetic susceptibility to recurrent reproductive wastage. *Journal of Medical Genetics*, **2011**, 48, 540-8	5.8	63
63	Genetic variants associated with myocardial infarction risk factors in over 8000 individuals from five ethnic groups: The INTERHEART Genetics Study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 16-25		54
62	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
61	Correction of population stratification in large multi-ethnic association studies. *PLoS ONE*, **2008**, 3, e1382	3.7	53
60	Physical activity and genetic predisposition to obesity in a multiethnic longitudinal study. *Scientific Reports*, **2016**, 6, 18672	4.9	50
59	Cohort Profile: The Nicotine Dependence in Teens (NDIT) Study. *International Journal of Epidemiology*, **2015**, 44, 1537-46	7.8	47
58	Lipoprotein(a) Interactions With Low-Density Lipoprotein Cholesterol and Other Cardiovascular Risk Factors in Premature Acute Coronary Syndrome (ACS). *Journal of the American Heart Association*, **2016**, 5,	6	46
57	WW-domain-containing oxidoreductase is associated with low plasma HDL-C levels. *American Journal of Human Genetics*, **2008**, 83, 180-92	11	41
56	Activation of a muscle-specific enhancer by the Ski proto-oncogene. *Nucleic Acids Research*, **1995**, 23, 2988-94	20.1	38
55	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
54	Identification of a novel C5L2 variant (S323I) in a French Canadian family with familial combined hyperlipemia. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 1619-25	9.4	34
53	A novel nonsense apolipoprotein A-I mutation (apoA-I(E136X)) causes low HDL cholesterol in French Canadians. *Atherosclerosis*, **2006**, 185, 127-36	3.1	34

52	Variation at the NFATC2 locus increases the risk of thiazolidinedione-induced edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) study. *Diabetes Care*, **2010**, 33, 2250-3	14.6	32
51	Association of LPA Variants With Aortic Stenosis: A Large-Scale Study Using Diagnostic and Procedural Codes From Electronic Health Records. *JAMA Cardiology*, **2018**, 3, 18-23	16.2	31
50	Obesity genes and risk of major depressive disorder in a multiethnic population: a cross-sectional study. *Journal of Clinical Psychiatry*, **2015**, 76, e1611-8	4.6	28
49	A Replicated, Genome-Wide Significant Association of Aortic Stenosis With a Genetic Variant for Lipoprotein(a): Meta-Analysis of Published and Novel Data. *Circulation*, **2017**, 135, 1181-1183	16.7	27
48	Genetic variation at the proprotein convertase subtilisin/kexin type 5 gene modulates high-density lipoprotein cholesterol levels. *Circulation: Cardiovascular Genetics*, **2009**, 2, 467-75		27
47	Association Between Family History, a Genetic Risk Score, and Severity of Coronary Artery Disease in Patients With Premature Acute Coronary Syndromes. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1286-92	9.4	26
46	The functional variant rs1048990 in PSMA6 is associated with susceptibility to myocardial infarction in a Chinese population. *Atherosclerosis*, **2009**, 206, 199-203	3.1	23
45	Genetic information and the prediction of incident type 2 diabetes in a high-risk multiethnic population: the EpiDREAM genetic study. *Diabetes Care*, **2013**, 36, 2836-42	14.6	20
44	Autosomal recessive spastic ataxia of Charlevoix-Saguenay (ARSACS): high-resolution physical and transcript map of the candidate region in chromosome region 13q11. *Genomics*, **1999**, 62, 156-64	4.3	20
43	Impact of Selection Bias on Estimation of Subsequent Event Risk. *Circulation: Cardiovascular Genetics*, **2017**, 10,		19
42	The genetics of dilated cardiomyopathy: a prioritized candidate gene study of LMNA, TNNT2, TCAP, and PLN. *Clinical Cardiology*, **2013**, 36, 628-33	3.3	19
41	Utility of a genetic risk score to predict recurrent cardiovascular events 1 year after an acute coronary syndrome: A pooled analysis of the RISCA, PRAXY, and TRIUMPH cohorts. *Atherosclerosis*, **2015**, 242, 261-7	3.1	18
40	Genetic and In Vitro Inhibition of and Calcific Aortic Valve Stenosis. *JACC Basic To Translational Science*, **2020**, 5, 649-661	8.7	18
39	Characteristics of trabeculated myocardium burden in young and apparently healthy adults. *American Journal of Cardiology*, **2014**, 114, 1094-9	3	18
38	Genetics of high-density lipoproteins. *Current Opinion in Cardiology*, **2006**, 21, 329-35	2.1	18
37	Risk factors for valvular calcification. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2019**, 26, 96-102	4	18
36	Genetic Variation in LPA, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. *JAMA Cardiology*, **2019**, 4, 620-627	16.2	17
35	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. *CJC Open*, **2019**, 1, 131-140	2	17

34	Evidence for a gene influencing high-density lipoprotein cholesterol on chromosome 4q31.21. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 392-7	9.4	17
33	Macrophage scavenger receptor 1 999C>T (R293X) mutation and risk of prostate cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2005**, 14, 397-402	4	17
32	Association of Triglyceride-Related Genetic Variants With Mitral´Annular´Calcification. *Journal of the American College of Cardiology*, **2017**, 69, 2941-2948	15.1	16
31	Impact of a Genetic Risk Score on Myocardial Infarction Risk Across Different Ethnic Populations. *Canadian Journal of Cardiology*, **2016**, 32, 1440-1446	3.8	15
30	Identification of a chromosome 8p locus for early-onset coronary heart disease in a French Canadian population. *European Journal of Human Genetics*, **2008**, 16, 105-14	5.3	15
29	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002471	5.2	14
28	Genome-Wide Association Study Highlights as a Novel Locus for Lipoprotein(a) Levels-Brief Report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 458-464	9.4	14
27	Genetic polymorphisms and the cardiovascular risk of non-steroidal anti-inflammatory drugs. *American Journal of Cardiology*, **2010**, 105, 1740-5	3	14
26	Effect of apoC-III gene polymorphisms on the lipoprotein-lipid profile of viscerally obese men. *Journal of Lipid Research*, **2003**, 44, 986-93	6.3	14
25	Rapid detection of the sacsin mutations causing autosomal recessive spastic ataxia of Charlevoix-Saguenay. *Genetic Testing and Molecular Biomarkers*, **2001**, 5, 255-9		14
24	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002470	5.2	13
23	The association between CHRN genetic variants and dizziness at first inhalation of cigarette smoke. *Addictive Behaviors*, **2014**, 39, 316-20	4.2	13
22	Fine mapping and association studies of a high-density lipoprotein cholesterol linkage region on chromosome 16 in French-Canadian subjects. *European Journal of Human Genetics*, **2010**, 18, 342-7	5.3	13
21	Traditional risk factors and a Genetic Risk Score are associated with age of first acute coronary syndrome. *Heart*, **2014**, 100, 1620-4	5.1	12
20	Genetic variants and early cigarette smoking and nicotine dependence phenotypes in adolescents. *PLoS ONE*, **2014**, 9, e115716	3.7	12
19	Risks of Incident Cardiovascular Disease Associated With Concomitant Elevations in Lipoprotein(a) and Low-Density Lipoprotein Cholesterol-The Framingham Heart Study. *Journal of the American Heart Association*, **2020**, 9, e014711	6	10
18	Recovery in Patients With Dilated Cardiomyopathy With Loss-of-Function Mutations in the Titin Gene. *JAMA Cardiology*, **2017**, 2, 700-702	16.2	7
17	Association of FADS1/2 Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. *JAMA Cardiology*, **2020**, 5, 694-702	16.2	7

16	Variation at the DPP4 locus influences apolipoprotein B levels in South Asians and exhibits heterogeneity in Europeans related to BMI. *Diabetologia*, **2014**, 57, 738-45	10.3	7
15	BRCA2 variants and cardiovascular disease in a multi-ethnic study. *BMC Medical Genetics*, **2012**, 13, 56	2.1	7
14	Fine mapping of the insulin-induced gene 2 identifies a variant associated with LDL cholesterol and total apolipoprotein B levels. *Circulation: Cardiovascular Genetics*, **2010**, 3, 454-61		7
13	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
12	Missing single nucleotide polymorphisms in Genetic Risk Scores: A simulation study. *PLoS ONE*, **2018**, 13, e0200630	3.7	6
11	Influence of depression on genetic predisposition to type 2 diabetes in a multiethnic longitudinal study. *Scientific Reports*, **2017**, 7, 1629	4.9	4
10	Longitudinal relationships between glycemic status and body mass index in a multiethnic study: evidence from observational and genetic epidemiology. *Scientific Reports*, **2016**, 6, 30744	4.9	4
9	Sphingomyelin phosphodiesterase-1 (SMPD1) coding variants do not contribute to low levels of high-density lipoprotein cholesterol. *BMC Medical Genetics*, **2007**, 8, 79	2.1	4
8	K45R variant of squalene synthase increases total cholesterol levels in two study samples from a French Canadian population. *Human Mutation*, **2008**, 29, 689-94	4.7	4
7	Lipoprotein-associated phospholipase A2 activity, genetics and calcific aortic valve stenosis in humans. *Heart*, **2020**, 106, 1407-1412	5.1	3
6	Observational and Genetic Associations of Resting Heart Rate With Aortic Valve Calcium. *American Journal of Cardiology*, **2018**, 121, 1246-1252	3	2
5	Drugs for Prevention and Treatment of Aortic Stenosis: How Close Are We?. *Canadian Journal of Cardiology*, **2021**, 37, 1016-1026	3.8	2
4	Utility of Genetically Predicted Lp(a) (Lipoprotein [a]) and ApoB Levels for Cardiovascular Risk Assessment. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003312	5.2	2
3	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations.. *Communications Biology*, **2022**, 5, 329	6.7	2
2	How more effective diagnosis of familial combined hyperlipidemia could lead to more effective therapy. *Drug Discovery Today Disease Mechanisms*, **2004**, 1, 179-185		1
1	Genetics of High-Density Lipoproteins **2007**, 465-490		