Jeanette Erdmann

List of Publications by Year in Descending Order

320 papers	47,664 citations	91 h-index	217 g-index
348 ext. papers	58,165 ext. citations	12 avg, IF	6.03 L-index

#	Paper	IF	Citations
320	Transcriptome-wide association study of coronary artery disease identifies novel susceptibility genes.. *Basic Research in Cardiology*, **2022**, 117, 6	11.8	3
319	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
318	Induced Pluripotent Stem Cells (iPSCs) in Vascular Research: from Two- to Three-Dimensional Organoids. *Stem Cell Reviews and Reports*, **2021**, 17, 1741-1753	7.3	2
317	Genome-wide association analysis in dilated cardiomyopathy reveals two new players in systolic heart failure on chromosomes 3p25.1 and 22q11.23. *European Heart Journal*, **2021**, 42, 2000-2011	9.5	14
316	The CAD risk locus 9p21 increases the risk of vascular calcification in an iPSC-derived VSMC model. *Stem Cell Research and Therapy*, **2021**, 12, 166	8.3	
315	A proteomic atlas of the neointima identifies novel druggable targets for preventive therapy. *European Heart Journal*, **2021**, 42, 1773-1785	9.5	5
314	Cis-epistasis at the LPA locus and risk of cardiovascular diseases. *Cardiovascular Research*, **2021**,	9.9	6
313	Identification of two novel bullous pemphigoid- associated alleles, HLA-DQA1*05:05 and -DRB1*07:01, in Germans. *Orphanet Journal of Rare Diseases*, **2021**, 16, 228	4.2	3
312	The C5a/C5a receptor 1 axis controls tissue neovascularization through CXCL4 release from platelets. *Nature Communications*, **2021**, 12, 3352	17.4	4
311	New technologies for intensive prevention programs after myocardial infarction: rationale and design of the NET-IPP trial. *Clinical Research in Cardiology*, **2021**, 110, 153-161	6.1	4
310	sGC Activity and Regulation of Blood Flow in a Zebrafish Model System. *Frontiers in Physiology*, **2021**, 12, 633171	4.6	1
309	Identification of a Functional Variant at the Chromosome 4q27 Coronary Artery Disease Locus in an Extended Myocardial Infarction Family. *Circulation*, **2021**, 144, 662-665	16.7	1
308	What can we learn from common variants associated with unexpected phenotypes in rare genetic diseases?. *Orphanet Journal of Rare Diseases*, **2021**, 16, 41	4.2	0
307	Increased Serum Levels of Asymmetric Dimethylarginine and Symmetric Dimethylarginine and Decreased Levels of Arginine in Sudanese Patients with Essential Hypertension. *Kidney and Blood Pressure Research*, **2020**, 45, 727-736	3.1	6
306	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *European Journal of Epidemiology*, **2020**, 35, 685-697	12.1	2
305	CYP17A1 deficient XY mice display susceptibility to atherosclerosis, altered lipidomic profile and atypical sex development. *Scientific Reports*, **2020**, 10, 8792	4.9	4
304	Evaluating drug targets through human loss-of-function genetic variation. *Nature*, **2020**, 581, 459-464	50.4	53

303	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
302	Transcript expression-aware annotation improves rare variant interpretation. *Nature*, **2020**, 581, 452-458	50.4	55
301	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. *New England Journal of Medicine*, **2020**, 383, 1522-1534	59.2	913
300	White Blood Cells and Blood Pressure: A Mendelian Randomization Study. *Circulation*, **2020**, 141, 1307-1317	29.7	58
299	Dare to Compare. Development of Atherosclerotic Lesions in Human, Mouse, and Zebrafish. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 109	5.4	6
298	Retraction notice to "Differentiation of human iPSCs into VSMCs and generation of VSMC-derived calcifying vascular cells" [Stem Cell Res. 31 (2018) 62-70]. *Stem Cell Research*, **2020**, 45, 101830	1.6	
297	miR-128a Acts as a Regulator in Cardiac Development by Modulating Differentiation of Cardiac Progenitor Cell Populations. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
296	Genetics of educational attainment and coronary risk in Mendelian randomization studies. *European Heart Journal*, **2020**, 41, 894-895	9.5	3
295	Sharing lessons learnt across European cardiovascular research consortia. *Drug Discovery Today*, **2020**, 25, 787-792	8.8	1
294	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. *PLoS Genetics*, **2020**, 16, e1008629	6	49
293	Population Bias in Polygenic Risk Prediction Models for Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002932	5.2	9
292	Genetics of (Premature) Coronary Artery Disease **2020**, 413-430		
291	Long-term prevention after myocardial infarction in young patients ≤45 years: the Intensive Prevention Program in the Young (IPP-Y) study. *European Journal of Preventive Cardiology*, **2020**, 27, 2264-2266	3.9	4
290	Osteoclast imbalance in primary familial brain calcification: evidence for its role in brain calcification. *Brain*, **2020**, 143, e1	11.2	2
289	Heterozygous Gene Deficiency and Risk of Coronary Artery Disease. *Circulation Genomic and Precision Medicine*, **2020**, 13, 417-423	5.2	21
288	Studies in Zebrafish Demonstrate That and Are Most Likely the Causal Genes at the Blood Pressure-Associated Locus on Human Chromosome 10q24.32. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 135	5.4	4
287	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
286	Qtlizer: comprehensive QTL annotation of GWAS results. *Scientific Reports*, **2020**, 10, 20417	4.9	7

285	Current Developments of Clinical Sequencing and the Clinical Utility of Polygenic Risk Scores in Inflammatory Diseases. *Frontiers in Immunology*, **2020**, 11, 577677	8.4	0
284	LDL triglycerides, hepatic lipase activity, and coronary artery disease: An epidemiologic and Mendelian randomization study. *Atherosclerosis*, **2019**, 282, 37-44	3.1	20
283	CARDIoGRAM celebrates its 10th Anniversary. *European Heart Journal*, **2019**, 40, 1664-1666	9.5	3
282	Genetically modulated educational attainment and coronary disease risk. *European Heart Journal*, **2019**, 40, 2413-2420	9.5	20
281	Rare Protein-Truncating Variants in APOB, Lower Low-Density Lipoprotein Cholesterol, and Protection Against Coronary Heart Disease. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002376	5.2	30
280	A familial congenital heart disease with a possible multigenic origin involving a mutation in BMPR1A. *Scientific Reports*, **2019**, 9, 2959	4.9	7
279	Assessing the causal association of glycine with risk of cardio-metabolic diseases. *Nature Communications*, **2019**, 10, 1060	17.4	38
278	Association of the coronary artery disease risk gene GUCY1A3 with ischaemic events after coronary intervention. *Cardiovascular Research*, **2019**, 115, 1512-1518	9.9	9
277	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
276	The Genetics of Coronary Heart Disease. *Cardiac and Vascular Biology*, **2019**, 141-168	0.2	
275	Polymorphisms in the Mitochondrial Genome Are Associated With Bullous Pemphigoid in Germans. *Frontiers in Immunology*, **2019**, 10, 2200	8.4	2
274	Meta-analysis of genome-wide association studies of aggressive and chronic periodontitis identifies two novel risk loci. *European Journal of Human Genetics*, **2019**, 27, 102-113	5.3	36
273	DNA Sequence Variation in Encoding the Activin Receptor-Like Kinase 7 Influences Body Fat Distribution and Protects Against Type 2 Diabetes. *Diabetes*, **2019**, 68, 226-234	0.9	12
272	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. *Journal of the American College of Cardiology*, **2019**, 73, 58-66	15.1	86
271	Network analysis of coronary artery disease risk genes elucidates disease mechanisms and druggable targets. *Scientific Reports*, **2018**, 8, 3434	4.9	31
270	Genome-Wide Association and Functional Studies Identify and as Novel Susceptibility Genes for Coronary Artery Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 964-975	9.4	15
269	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. *Nature Communications*, **2018**, 9, 1613	17.4	55
268	Etidronate prevents dystrophic cardiac calcification by inhibiting macrophage aggregation. *Scientific Reports*, **2018**, 8, 5812	4.9	10

267	A decade of genome-wide association studies for coronary artery disease: the challenges ahead. *Cardiovascular Research*, **2018**, 114, 1241-1257	9.9	121
266	Phenotypic Consequences of a Genetic Predisposition to Enhanced Nitric Oxide Signaling. *Circulation*, **2018**, 137, 222-232	16.7	53
265	Utilization of Mental Health Care, Treatment Patterns, and Course of Psychosocial Functioning in Northern German Coronary Artery Disease Patients with Depressive and/or Anxiety Disorders. *Frontiers in Psychiatry*, **2018**, 9, 75	5	4
264	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. *Journal of the American Heart Association*, **2018**, 7,	6	14
263	Differentiation of human iPSCs into VSMCs and generation of VSMC-derived calcifying vascular cells. *Stem Cell Research*, **2018**, 31, 62-70	1.6	4
262	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. *Journal of Clinical Investigation*, **2018**, 128, 1106-1124	15.9	126
261	A1268 Association of Serum Levels of Asymmetric Dimethylarginine with Essential Hypertension in Sudanese Patients. *Journal of Hypertension*, **2018**, 36, e9-e10	1.9	
260	Association of Genetic Variation at Locus with Vascular Depression. *Biomolecules*, **2018**, 8,	5.9	11
259	Lp-PLA2, scavenger receptor class B type I gene (SCARB1) rs10846744 variant, and cardiovascular disease. *PLoS ONE*, **2018**, 13, e0204352	3.7	2
258	Genetic Susceptibility Loci for Cardiovascular Disease and Their Impact on Atherosclerotic Plaques. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002115	5.2	11
257	Druggability of Coronary Artery Disease Risk Loci. *Circulation Genomic and Precision Medicine*, **2018**, 11, e001977	5.2	12
256	Genome-wide association meta-analysis of coronary artery disease and periodontitis reveals a novel shared risk locus. *Scientific Reports*, **2018**, 8, 13678	4.9	17
255	Mental Health and Psychosocial Functioning Over the Lifespan of German Patients Undergoing Cardiac Catheterization for Coronary Artery Disease. *Frontiers in Psychiatry*, **2018**, 9, 338	5	3
254	Genome-wide association study in takotsubo syndrome - Preliminary results and future directions. *International Journal of Cardiology*, **2017**, 236, 335-339	3.2	22
253	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 823-836	15.1	146
252	Pyrophosphate Supplementation Prevents Chronic and Acute Calcification in ABCC6-Deficient Mice. *American Journal of Pathology*, **2017**, 187, 1258-1272	5.8	40
251	Sex in basic research: concepts in the cardiovascular field. *Cardiovascular Research*, **2017**, 113, 711-724	9.9	77
250	Functional Characterization of the Coronary Artery Disease Risk Locus. *Circulation*, **2017**, 136, 476-489	16.7	61

249	Loss of Cardioprotective Effects at the Locus as a Result of Gene-Smoking Interactions. *Circulation*, **2017**, 135, 2336-2353	16.7	36
248	A genome-wide association study identifies nucleotide variants at SIGLEC5 and DEFA1A3 as risk loci for periodontitis. *Human Molecular Genetics*, **2017**, 26, 2577-2588	5.6	55
247	Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. *Nature Genetics*, **2017**, 49, 1113-1119	36.3	184
246	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. *Journal of the American Heart Association*, **2017**, 6,	6	65
245	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 2054-2063	15.1	226
244	Additional Candidate Genes for Human Atherosclerotic Disease Identified Through Annotation Based on Chromatin Organization. *Circulation: Cardiovascular Genetics*, **2017**, 10,		14
243	Association of NOS3 gene polymorphisms with essential hypertension in Sudanese patients: a case control study. *BMC Medical Genetics*, **2017**, 18, 128	2.1	18
242	A genomic exploration identifies mechanisms that may explain adverse cardiovascular effects of COX-2 inhibitors. *Scientific Reports*, **2017**, 7, 10252	4.9	10
241	Coronary artery disease associated gene Phactr1 modulates severity of vascular calcification in vitro. *Biochemical and Biophysical Research Communications*, **2017**, 491, 396-402	3.4	18
240	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
239	Rheumatoid Arthritis and Coronary Artery Disease: Genetic Analyses Do Not Support a Causal Relation. *Journal of Rheumatology*, **2017**, 44, 4-10	4.1	8
238	Genomic correlates of glatiramer acetate adverse cardiovascular effects lead to a novel locus mediating coronary risk. *PLoS ONE*, **2017**, 12, e0182999	3.7	3
237	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
236	Proatherosclerotic Effect of the 1-Subunit of Soluble Guanylyl Cyclase by Promoting Smooth Muscle Phenotypic Switching. *American Journal of Pathology*, **2016**, 186, 2220-2231	5.8	14
235	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. *Scientific Reports*, **2016**, 6, 35278	4.9	18
234	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. *Science Translational Medicine*, **2016**, 8, 341ra76	17.5	77
233	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. *American Journal of Human Genetics*, **2016**, 99, 40-55	11	61
232	Serum microRNA-1233 is a specific biomarker for diagnosing acute pulmonary embolism. *Journal of Translational Medicine*, **2016**, 14, 120	8.5	24

231	Stimulators of the soluble guanylyl cyclase: promising functional insights from rare coding atherosclerosis-related GUCY1A3 variants. *Basic Research in Cardiology*, **2016**, 111, 51	11.8	15
230	Systematic analysis of variants related to familial hypercholesterolemia in families with premature myocardial infarction. *European Journal of Human Genetics*, **2016**, 24, 191-7	5.3	48
229	Knock-out of nexilin in mice leads to dilated cardiomyopathy and endomyocardial fibroelastosis. *Basic Research in Cardiology*, **2016**, 111, 6	11.8	17
228	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. *Science*, **2016**, 351, 1166-71	33.3	325
227	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nature Communications*, **2016**, 7, 10023	17.4	295
226	Genome-wide association study and targeted metabolomics identifies sex-specific association of CPS1 with coronary artery disease. *Nature Communications*, **2016**, 7, 10558	17.4	79
225	Classification of ADAMTS binding sites: The first step toward selective ADAMTS7 inhibitors. *Biochemical and Biophysical Research Communications*, **2016**, 471, 380-5	3.4	5
224	Genetics of (Premature) Coronary Artery Disease **2016**, 355-371		
223	Common and Rare Genetic Variation in CCR2, CCR5, or CX3CR1 and Risk of Atherosclerotic Coronary Heart Disease and Glucometabolic Traits. *Circulation: Cardiovascular Genetics*, **2016**, 9, 250-8		14
222	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. *New England Journal of Medicine*, **2016**, 374, 1134-44	59.2	325
221	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. *Journal of the American College of Cardiology*, **2016**, 68, 934-45	15.1	65
220	Coronary Artery Ectasia Are Frequently Observed in Patients With Bicuspid Aortic Valves With and Without Dilatation of the Ascending Aorta. *Circulation: Cardiovascular Interventions*, **2016**, 9,	6	6
219	New insights into the genetics of X-linked dystonia-parkinsonism (XDP, DYT3). *European Journal of Human Genetics*, **2015**, 23, 1334-40	5.3	55
218	Shared genetic aetiology of coronary artery disease and atherosclerotic stroke - 2015. *Current Atherosclerosis Reports*, **2015**, 17, 498	6	7
217	Genetic variants primarily associated with type 2 diabetes are related to coronary artery disease risk. *Atherosclerosis*, **2015**, 241, 419-26	3.1	23
216	Runs of Homozygosity: Association with Coronary Artery Disease and Gene Expression in Monocytes and Macrophages. *American Journal of Human Genetics*, **2015**, 97, 228-37	11	25
215	Two polymorphisms in the Cx40 promoter are associated with hypertension and left ventricular hypertrophy preferentially in men. *Clinical and Experimental Hypertension*, **2015**, 37, 580-6	2.2	7
214	Role of sGC-dependent NO signalling and myocardial infarction risk. *Journal of Molecular Medicine*, **2015**, 93, 383-94	5.5	22

213	Genetic evidence for PLASMINOGEN as a shared genetic risk factor of coronary artery disease and periodontitis. *Circulation: Cardiovascular Genetics*, **2015**, 8, 159-67		61
212	Cardiometabolic effects of genetic upregulation of the interleukin 1 receptor antagonist: a Mendelian randomisation analysis. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 243-53	18.1	81
211	The impact of low-frequency and rare variants on lipid levels. *Nature Genetics*, **2015**, 47, 589-97	36.3	229
210	ADAMTS-7 inhibits re-endothelialization of injured arteries and promotes vascular remodeling through cleavage of thrombospondin-1. *Circulation*, **2015**, 131, 1191-201	16.7	84
209	Genetically determined height and coronary artery disease. *New England Journal of Medicine*, **2015**, 372, 1608-18	59.2	152
208	Circulating brain-derived neurotrophic factor concentrations and the risk of cardiovascular disease in the community. *Journal of the American Heart Association*, **2015**, 4, e001544	6	70
207	Identification of a novel ovine LH-beta promoter region, which dramatically enhances its promoter activity. *SpringerPlus*, **2015**, 4, 466		
206	Genetics of coronary artery disease: Short people at risk?. *Expert Review of Cardiovascular Therapy*, **2015**, 13, 1169-72	2.5	4
205	Prediction of Causal Candidate Genes in Coronary Artery Disease Loci. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 2207-17	9.4	64
204	Expression quantitative trait Loci acting across multiple tissues are enriched in inherited risk for coronary artery disease. *Circulation: Cardiovascular Genetics*, **2015**, 8, 305-15		33
203	A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nature Genetics*, **2015**, 47, 1121-1130	36.3	1290
202	Genetic analysis for a shared biological basis between migraine and coronary artery disease. *Neurology: Genetics*, **2015**, 1, e10	3.8	46
201	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature*, **2015**, 518, 102-6	50.4	463
200	Molecular variants of soluble guanylyl cyclase affecting cardiovascular risk. *Circulation Journal*, **2015**, 79, 463-9	2.9	10
199	Functional evaluation of GUCY1A3 mutations associated with myocardial infarction risk. *BMC Pharmacology & Toxicology*, **2015**, 16,	2.6	1
198	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
197	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. *PLoS Genetics*, **2015**, 11, e1005230	6	59
196	Identification of a single SNP that affects the promoter activity in the Moroccan prolific DMan breed. *Journal of Animal Science*, **2015**, 93, 2064-73	0.7	5

195	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1712-22	9.4	55
194	Genetic variants associated with celiac disease and the risk for coronary artery disease. *Molecular Genetics and Genomics*, **2015**, 290, 1911-7	3.1	7
193	Dissecting the roles of microRNAs in coronary heart disease via integrative genomic analyses. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1011-21	9.4	46
192	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
191	Psoriasis and cardiometabolic traits: modest association but distinct genetic architectures. *Journal of Investigative Dermatology*, **2015**, 135, 1283-1293	4.3	38
190	DNA methylation and body-mass index: a genome-wide analysis. *Lancet, The*, **2014**, 383, 1990-8	40	569
189	Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. *Stroke*, **2014**, 45, 24-36	6.7	245
188	How to include chromosome X in your genome-wide association study. *Genetic Epidemiology*, **2014**, 38, 97-103	2.6	55
187	Inactivating mutations in NPC1L1 and protection from coronary heart disease. *New England Journal of Medicine*, **2014**, 371, 2072-82	59.2	307
186	Ultrahigh-resolution, high-speed spectral domain optical coherence phase microscopy. *Optics Letters*, **2014**, 39, 45-7	3	18
185	Genome-wide association study of L-arginine and dimethylarginines reveals novel metabolic pathway for symmetric dimethylarginine. *Circulation: Cardiovascular Genetics*, **2014**, 7, 864-72		38
184	Novel genetic approach to investigate the role of plasma secretory phospholipase A2 (sPLA2)-V isoenzyme in coronary heart disease: modified Mendelian randomization analysis using PLA2G5 expression levels. *Circulation: Cardiovascular Genetics*, **2014**, 7, 144-50		21
183	Whole-exome sequencing in an extended family with myocardial infarction unmasks familial hypercholesterolemia. *BMC Cardiovascular Disorders*, **2014**, 14, 108	2.3	18
182	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
181	SPG7 variant escapes phosphorylation-regulated processing by AFG3L2, elevates mitochondrial ROS, and is associated with multiple clinical phenotypes. *Cell Reports*, **2014**, 7, 834-47	10.6	29
180	Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine*, **2014**, 371, 22-31	59.2	721
179	Epigenetics in health and disease: heralding the EWAS era. *Lancet, The*, **2014**, 383, 1952-4	40	55
178	Cigarette smoking reduces DNA methylation levels at multiple genomic loci but the effect is partially reversible upon cessation. *Epigenetics*, **2014**, 9, 1382-96	5.7	222

177	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. *PLoS Genetics*, **2014**, 10, e1004502	6	147
176	Coronary heart disease-associated variation in TCF21 disrupts a miR-224 binding site and miRNA-mediated regulation. *PLoS Genetics*, **2014**, 10, e1004263	6	91
175	Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. *PLoS Genetics*, **2014**, 10, e1004508	6	45
174	Single nucleotide polymorphisms with cis-regulatory effects on long non-coding transcripts in human primary monocytes. *PLoS ONE*, **2014**, 9, e102612	3.7	5
173	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
172	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. *Nature*, **2013**, 504, 432-6	50.4	185
171	Tippfehler im Genom: erbliche Ursachen von Herzerkrankungen. *BioSpektrum*, **2013**, 19, 642-644	0.1	
170	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
169	Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. *American Journal of Clinical Nutrition*, **2013**, 98, 668-76	7	122
168	Forty-five years to diagnosis. *Neuromuscular Disorders*, **2013**, 23, 503-5	2.9	5
167	Identification of seven loci affecting mean telomere length and their association with disease. *Nature Genetics*, **2013**, 45, 422-7, 427e1-2	36.3	624
166	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
165	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
164	Genetics of coronary artery disease and myocardial infarction--2013. *Current Cardiology Reports*, **2013**, 15, 368	4.2	43
163	Functional interaction of osteogenic transcription factors Runx2 and Vdr in transcriptional regulation of Opn during soft tissue calcification. *American Journal of Pathology*, **2013**, 183, 60-8	5.8	21
162	Genetic predisposition to higher blood pressure increases coronary artery disease risk. *Hypertension*, **2013**, 61, 995-1001	8.5	55
161	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
160	Genome-wide haplotype analysis of cis expression quantitative trait loci in monocytes. *PLoS Genetics*, **2013**, 9, e1003240	6	47

159	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. *Circulation*, **2013**, 128, 1310-24	16.7	107
158	Exome sequencing and directed clinical phenotyping diagnose cholesterol ester storage disease presenting as autosomal recessive hypercholesterolemia. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2909-14	9.4	76
157	Genome-wide and gene-centric analyses of circulating myeloperoxidase levels in the charge and care consortia. *Human Molecular Genetics*, **2013**, 22, 3381-93	5.6	18
156	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. *Lancet, The*, **2012**, 379, 915-922	40	145
155	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. *Lancet, The*, **2012**, 379, 1205-13	40	522
154	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. *Lancet, The*, **2012**, 380, 572-80	40	1523
153	Genome-wide meta-analysis of common variant differences between men and women. *Human Molecular Genetics*, **2012**, 21, 4805-15	5.6	24
152	FTO genotype is associated with phenotypic variability of body mass index. *Nature*, **2012**, 490, 267-72	50.4	304
151	Genetic markers enhance coronary risk prediction in men: the MORGAM prospective cohorts. *PLoS ONE*, **2012**, 7, e40922	3.7	65
150	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
149	Genome-wide association study in Han Chinese identifies four new susceptibility loci for coronary artery disease. *Nature Genetics*, **2012**, 44, 890-4	36.3	243
148	The metabochip, a custom genotyping array for genetic studies of metabolic, cardiovascular, and anthropometric traits. *PLoS Genetics*, **2012**, 8, e1002793	6	395
147	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
146	Clinical and genetic association of serum paraoxonase and arylesterase activities with cardiovascular risk. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2803-12	9.4	119
145	Long-range DNA looping and gene expression analyses identify DEXI as an autoimmune disease candidate gene. *Human Molecular Genetics*, **2012**, 21, 322-33	5.6	91
144	Common genetic variation in the 3MBCL11B gene desert is associated with carotid-femoral pulse wave velocity and excess cardiovascular disease risk: the AortaGen Consortium. *Circulation: Cardiovascular Genetics*, **2012**, 5, 81-90		76
143	Identification of the BCAR1-CFDP1-TMEM170A locus as a determinant of carotid intima-media thickness and coronary artery disease risk. *Circulation: Cardiovascular Genetics*, **2012**, 5, 656-65		35
142	Erbliche Grundlagen der KHK. *CardioVasc*, **2012**, 12, 56-60	0	0

141	Quantitative analysis of cardiomyocyte dynamics with optical coherence phase microscopy **2012**,		3
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4	Qtlizer: comprehensive QTL annotation of GWAS results		3
3	Cis-epistasis at the LPA locus and risk of coronary artery disease		1
2	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease		4
1	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5