

Exome sequencing identifies rare LDLR and APOA5 alleles associated with myocardial infarction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Inactivating Mutations in <i>NPC1L1</i> and Protection from Coronary Heart Disease. <i>New England Journal of Medicine</i> , 2014, 371, 2072-2082.	13.9	386
2	Genetics of coronary heart disease: towards causal mechanisms, novel drug targets and more personalized prevention. <i>Journal of Internal Medicine</i> , 2015, 278, 433-446.	2.7	30
3	Genetic Variation in Cardiomyopathy and Cardiovascular Disorders. <i>Circulation Journal</i> , 2015, 79, 1409-1415.	0.7	24
4	Delineation of New Disorders and Phenotypic Expansion of Known Disorders Through Whole Exome Sequencing. <i>Current Genetic Medicine Reports</i> , 2015, 3, 209-218.	1.9	2
5	Genetics of Venous Thrombosis: update in 2015. <i>Thrombosis and Haemostasis</i> , 2015, 114, 910-919.	1.8	81
6	Novel therapeutics in hypertriglyceridemia. <i>Current Opinion in Lipidology</i> , 2015, 26, 484-491.	1.2	35
7	Differential Lipid Response to Statins Is Associated With Variants in the <i>BUD13</i> APOA5 Gene Region. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 183-188.	0.8	11
8	Whole Exome Sequencing in Monogenic Dyslipidemias. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 881-885.	0.9	3
9	A Splice Region Variant in LDLR Lowers Non-high Density Lipoprotein Cholesterol and Protects against Coronary Artery Disease. <i>PLoS Genetics</i> , 2015, 11, e1005379.	1.5	24
10	Deciphering Unexplained Familial Dyslipidemias. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 250-252.	5.1	3
11	Prevalence and management of familial hypercholesterolaemia in coronary patients: An analysis of EUROASPIRE IV, a study of the European Society of Cardiology. <i>Atherosclerosis</i> , 2015, 241, 169-175.	0.4	133
12	Europe aspires to set the record straight on familial hypercholesterolaemia. <i>Atherosclerosis</i> , 2015, 241, 769-771.	0.4	7
13	Apoc2 loss-of-function zebrafish mutant as a genetic model of hyperlipidemia. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 989-98.	1.2	54
14	Improving the cost-effectiveness equation of cascade testing for familial hypercholesterolaemia. <i>Current Opinion in Lipidology</i> , 2015, 26, 162-168.	1.2	14
15	GWAS as a Driver of Gene Discovery in Cardiometabolic Diseases. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 722-732.	3.1	29
16	Cohort Profile: The Framingham Heart Study (FHS): overview of milestones in cardiovascular epidemiology. <i>International Journal of Epidemiology</i> , 2015, 44, 1800-1813.	0.9	269
17	Genetic Architecture of Complex Human Traits: What Have We Learned from Genome-Wide Association Studies?. <i>Current Genetic Medicine Reports</i> , 2015, 3, 143-150.	1.9	3
18	Mutations in APOA5 or LDLR increase risk of myocardial infarction. <i>Nature Reviews Cardiology</i> , 2015, 12, 64-64.	6.1	1

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19	Would raising the total cholesterol diagnostic cut-off from 7.5Âmmol/L to 9.3Âmmol/L improve detection rate of patients with monogenic familial hypercholesterolaemia?. <i>Atherosclerosis</i> , 2015, 239, 295-298.	0.4	13
20	Shared Genetic Aetiology of Coronary Artery Disease and Atherosclerotic Strokeâ€”2015. <i>Current Atherosclerosis Reports</i> , 2015, 17, 498.	2.0	8
21	Systematic Cell-Based Phenotyping of Missense Alleles Empowers Rare Variant Association Studies: A Case for LDLR and Myocardial Infarction. <i>PLoS Genetics</i> , 2015, 11, e1004855.	1.5	50
22	Plasma Apolipoprotein C-III Levels, Triglycerides, and Coronary Artery Calcification in Type 2 Diabetics. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1880-1888.	1.1	60
23	Prevalence and management of familial hypercholesterolaemia in patients with acute coronary syndromes. <i>European Heart Journal</i> , 2015, 36, 2438-2445.	1.0	129
24	LDL, HDL, VLDL, and CVD Prevention: Lessons from Genetics?. <i>Current Cardiology Reports</i> , 2015, 17, 610.	1.3	11
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26	Myocardial Infarctionâ€™Associated SNP at 6p24 Interferes With MEF2 Binding and Associates With <i>PHACTR1</i> Expression Levels in Human Coronary Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1472-1479.	1.1	78
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28	Human Genetics of Atherothrombotic Disease and its Risk Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 741-747.	1.1	9
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30	Familial hypercholesterolaemia: A global call to arms. <i>Atherosclerosis</i> , 2015, 243, 257-259.	0.4	148
31	Small island, big genetic discoveries. <i>Nature Genetics</i> , 2015, 47, 1224-1225.	9.4	17
32	Protective alleles and modifier variants in human health and disease. <i>Nature Reviews Genetics</i> , 2015, 16, 689-701.	7.7	105
33	New Approaches in Detection and Treatment of Familial Hypercholesterolemia. <i>Current Cardiology Reports</i> , 2015, 17, 109.	1.3	28
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35	Genetic considerations in the treatment of familial hypercholesterolemia. <i>Clinical Lipidology</i> , 2015, 10, 387-403.	0.4	2
36	A Guide for a Cardiovascular Genomics Biorepository: the CATHGEN Experience. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 449-457.	1.1	64

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37	Genome-wide association studies and contribution to cardiovascular physiology. <i>Physiological Genomics</i> , 2015, 47, 365-375.	1.0	11
38	A comprehensive 1000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	9.4	2,054
39	Durability of Kinase-Directed Therapies—A Network Perspective on Response and Resistance. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1975-1984.	1.9	22
40	Landmark position paper on paediatric familial hypercholesterolaemia from the EAS Consensus Panel. <i>Atherosclerosis</i> , 2015, 242, 277-280.	0.4	4
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49	What can we learn about lipoprotein metabolism and coronary heart disease from studying rare variants?. <i>Current Opinion in Lipidology</i> , 2016, 27, 99-104.	1.2	4
50	Novel therapies for severe dyslipidemia originating from human genetics. <i>Current Opinion in Lipidology</i> , 2016, 27, 112-124.	1.2	18
51	A systematic review of current studies in patients with familial hypercholesterolemia by use of national familial hypercholesterolemia registries. <i>Current Opinion in Lipidology</i> , 2016, 27, 388-397.	1.2	21
52	Triglyceride-Rich Lipoproteins and Remnants: Targets for Therapy?. <i>Current Cardiology Reports</i> , 2016, 18, 67.	1.3	74
53	Statins in Familial Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016, 68, 261-264.	1.2	5
54	Enough Evidence, Time to Act!. <i>Circulation</i> , 2016, 134, 20-23.	1.6	6
55	Meta-analysis of 49â€¦549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in <i>ANGPTL4</i> determining fasting TG levels. <i>Journal of Medical Genetics</i> , 2016, 53, 441-449.	1.5	34

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59	A strategy to identify housekeeping genes suitable for analysis in breast cancer diseases. <i>BMC Genomics</i> , 2016, 17, 639.	1.2	47
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61	Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2761-2772.	1.2	186
62	The impact of genome-wide association studies on the pathophysiology and therapy of cardiovascular disease. <i>EMBO Molecular Medicine</i> , 2016, 8, 688-701.	3.3	141
63	Pooling and expanding registries of familial hypercholesterolaemia to assess gaps in care and improve disease management and outcomes: Rationale and design of the global EAS Familial Hypercholesterolaemia Studies Collaboration. <i>Atherosclerosis Supplements</i> , 2016, 22, 1-32.	1.2	90
64	Variants in <i>ANGPTL4</i> and the Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016, 375, 2303-2306.	13.9	18
65	Genetics of Lipid and Lipoprotein Disorders and Traits. <i>Current Genetic Medicine Reports</i> , 2016, 4, 130-141.	1.9	61
66	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2578-2589.	1.2	723
67	Common and Rare Genetic Variation in <i>CCR2</i> , <i>CCR5</i> , or <i>CX3CR1</i> and Risk of Atherosclerotic Coronary Heart Disease and Glucometabolic Traits. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 250-258.	5.1	20
68	Management of homozygous familial hypercholesterolemia in real-world clinical practice: A report of 7 Italian patients treated in Rome with lomitapide and lipoprotein apheresis. <i>Journal of Clinical Lipidology</i> , 2016, 10, 782-789.	0.6	27
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70	Triglycerides and Triglyceride-Rich Lipoproteins in the Causal Pathway of Cardiovascular Disease. <i>American Journal of Cardiology</i> , 2016, 118, 138-145.	0.7	134
71	Coding Variation in <i>ANGPTL4</i> , <i>LPL</i> and <i>SVEP1</i> and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016, 374, 1134-1144.	13.9	427
72	Epidemiology of cardiovascular disease: recent novel outlooks on risk factors and clinical approaches. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 855-869.	0.6	37
73	Familial hypercholesterolaemia: a common disease. <i>European Heart Journal</i> , 2016, 37, 1395-1397.	1.0	5

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75	Variants with large effects on blood lipids and the role of cholesterol and triglycerides in coronary disease. <i>Nature Genetics</i> , 2016, 48, 634-639.	9.4	214
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77	Sequence capture by hybridization to explore modern and ancient genomic diversity in model and nonmodel organisms. <i>Nucleic Acids Research</i> , 2016, 44, 4504-4518.	6.5	69
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81	Integration of Clinical Genetic Testing in Cardiovascular Care. <i>Current Genetic Medicine Reports</i> , 2016, 4, 107-118.	1.9	0
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85	Increasing Generality and Power of Rare-Variant Tests by Utilizing Extended Pedigrees. <i>American Journal of Human Genetics</i> , 2016, 99, 846-859.	2.6	26
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88	Improving detection of familial hypercholesterolaemia in primary care using electronic audit and nurse-led clinics. <i>Journal of Evaluation in Clinical Practice</i> , 2016, 22, 341-348.	0.9	28
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93	Implications of thermogenic adipose tissues for metabolic health. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2016, 30, 487-496.	2.2	11
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101	The use of targeted exome sequencing in genetic diagnosis of young patients with severe hypercholesterolemia. <i>Scientific Reports</i> , 2016, 6, 36823.	1.6	13
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104	Drug treatment and adherence of subjects <40 years with diagnosis of heterozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2016, 254, 172-178.	0.4	13
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108	The Future of Genetics and Genomics. <i>Circulation</i> , 2016, 133, 2634-2639.	1.6	35
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115	Long-Term Risk of Atherosclerotic Cardiovascular Disease in US Adults With the Familial Hypercholesterolemia Phenotype. <i>Circulation</i> , 2016, 134, 9-19.	1.6	167
116	Stimulators of the soluble guanylyl cyclase: promising functional insights from rare coding atherosclerosis-related GUCY1A3 variants. <i>Basic Research in Cardiology</i> , 2016, 111, 51.	2.5	20
117	Whole-exome Sequence Analysis Implicates Rare IL17REL Variants in Familial and Sporadic Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 20-27.	0.9	13
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119	The effect of phenotypic outliers and non-normality on rare-variant association testing. <i>European Journal of Human Genetics</i> , 2016, 24, 1188-1194.	1.4	39
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124	Therapeutic Targets of Triglyceride Metabolism as Informed by Human Genetics. <i>Trends in Molecular Medicine</i> , 2016, 22, 328-340.	3.5	27
125	Inactivating Variants in <i>ANGPTL4</i> and Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016, 374, 1123-1133.	13.9	411
126	Treatment Gaps in Adults With Heterozygous Familial Hypercholesterolemia in the United States. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 240-249.	5.1	170
127	Premature coronary heart disease and autosomal dominant hypercholesterolemia: Increased risk in women with LDLR mutations. <i>Journal of Clinical Lipidology</i> , 2016, 10, 101-108.e3.	0.6	19
128	From Loci to Biology. <i>Circulation Research</i> , 2016, 118, 586-606.	2.0	54

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130	Experimental Biology for the Identification of Causal Pathways in Atherosclerosis. <i>Cardiovascular Drugs and Therapy</i> , 2016, 30, 1-11.	1.3	5
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132	Reducing Cardiovascular Risk Using Genomic Information in the Era of Precision Medicine. <i>Circulation</i> , 2016, 133, 1155-1159.	1.6	9
133	Genetics of Coronary Artery Disease. <i>Circulation Research</i> , 2016, 118, 564-578.	2.0	288
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138	Collaborative science in the next-generation sequencing era: a viewpoint on how to combine exome sequencing data across sites to identify novel disease susceptibility genes. <i>Briefings in Bioinformatics</i> , 2016, 17, 672-677.	3.2	6
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141	SORL1 rare variants: a major risk factor for familial early-onset Alzheimer's disease. <i>Molecular Psychiatry</i> , 2016, 21, 831-836.	4.1	96
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144	A Robust and Powerful Set-Valued Approach to Rare Variant Association Analyses of Secondary Traits in Case-Control Sequencing Studies. <i>Genetics</i> , 2017, 205, 1049-1062.	1.2	4
145	Genetics for the Identification of Lipid Targets Beyond PCSK9. <i>Canadian Journal of Cardiology</i> , 2017, 33, 334-342.	0.8	8
146	Exploring the genetic architecture of inflammatory bowel disease by whole-genome sequencing identifies association at ADCY7. <i>Nature Genetics</i> , 2017, 49, 186-192.	9.4	153

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147	Bayesian Variable Selection for Post-Analytic Interrogation of Susceptibility Loci. <i>Biometrics</i> , 2017, 73, 603-614.	0.8	1
148	Rare Loss-of-Function Variants in <i>NPC1</i> Predispose to Human Obesity. <i>Diabetes</i> , 2017, 66, 935-947.	0.3	54
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150	Polygenic Risk Score Identifies Subgroup With Higher Burden of Atherosclerosis and Greater Relative Benefit From Statin Therapy in the Primary Prevention Setting. <i>Circulation</i> , 2017, 135, 2091-2101.	1.6	403
151	From exomes to genomes: challenges and solutions in population-based genetic association studies. <i>European Journal of Human Genetics</i> , 2017, 25, 395-396.	1.4	4
152	Genetics of coronary artery disease: discovery, biology and clinical translation. <i>Nature Reviews Genetics</i> , 2017, 18, 331-344.	7.7	448
153	Efficacy and Safety of Lomitapide in Hypercholesterolemia. <i>American Journal of Cardiovascular Drugs</i> , 2017, 17, 299-309.	1.0	24
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