

Ruth Frikke-Schmidt

List of Publications by Year in descending order

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114
papers

10,732
citations

81900
39
h-index

34986
98
g-index

120
all docs

120
docs citations

120
times ranked

14395
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. Lancet, The, 2012, 380, 572-580.	13.7	1,937
2	Remnant Cholesterol as a Causal Risk Factor for Ischemic Heart Disease. Journal of the American College of Cardiology, 2013, 61, 427-436.	2.8	768
3	Loss-of-Function Mutations in <i>APOC3</i> and Risk of Ischemic Vascular Disease. New England Journal of Medicine, 2014, 371, 32-41.	27.0	749
4	New insights into the genetic etiology of Alzheimer's disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
5	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	27.8	544
6	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	21.4	470
7	Association of Loss-of-Function Mutations in the <i>ABCA1</i> Gene With High-Density Lipoprotein Cholesterol Levels and Risk of Ischemic Heart Disease. JAMA - Journal of the American Medical Association, 2008, 299, 2524.	7.4	422
8	Genetically elevated non-fasting triglycerides and calculated remnant cholesterol as causal risk factors for myocardial infarction. European Heart Journal, 2013, 34, 1826-1833.	2.2	353
9	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
10	LCAT, HDL Cholesterol and Ischemic Cardiovascular Disease: A Mendelian Randomization Study of HDL Cholesterol in 54,500 Individuals. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E248-E256.	3.6	234
11	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. Nature Genetics, 2017, 49, 1450-1457.	21.4	218
12	Genetic variation in ABC transporter A1 contributes to HDL cholesterol in the general population. Journal of Clinical Investigation, 2004, 114, 1343-1353.	8.2	206
13	Apolipoprotein E genotype, cardiovascular biomarkers and risk of stroke: Systematic review and meta-analysis of 14 015 stroke cases and pooled analysis of primary biomarker data from up to 60 883 individuals. International Journal of Epidemiology, 2013, 42, 475-492.	1.9	145
14	Low LDL cholesterol, <i>PCSK9</i> and <i>HMGCR</i> genetic variation, and risk of Alzheimer's disease and Parkinson's disease: Mendelian randomisation study. BMJ: British Medical Journal, 2017, 357, j1648.	2.3	143
15	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. Nature Communications, 2021, 12, 3417.	12.8	140
16	U-shaped relationship of HDL and risk of infectious disease: two prospective population-based cohort studies. European Heart Journal, 2018, 39, 1181-1190.	2.2	133
17	Genetic Inhibition of CETP, Ischemic Vascular Disease and Mortality, and Possible Adverse Effects. Journal of the American College of Cardiology, 2012, 60, 2041-2048.	2.8	128
18	HDL Cholesterol and Risk of Type 2 Diabetes: A Mendelian Randomization Study. Diabetes, 2015, 64, 3328-3333.	0.6	127

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19	Genetic Variation in <i>ABCA1</i> Predicts Ischemic Heart Disease in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 180-186.	2.4	126
20	Plasma levels of apolipoprotein E and risk of dementia in the general population. <i>Annals of Neurology</i> , 2015, 77, 301-311.	5.3	123
21	The Bipolar Illness Onset study: research protocol for the BIO cohort study. <i>BMJ Open</i> , 2017, 7, e015462.	1.9	119
22	Modeling of waning immunity after SARS-CoV-2 vaccination and influencing factors. <i>Nature Communications</i> , 2022, 13, 1614.	12.8	117
23	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 50-67.	11.4	114
24	Genetic variation in ABC transporter A1 contributes to HDL cholesterol in the general population. <i>Journal of Clinical Investigation</i> , 2004, 114, 1343-1353.	8.2	110
25	Loss of function mutation in <i>ABCA1</i> and risk of Alzheimer's disease and cerebrovascular disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 1430-1438.	0.8	106
26	Adiposity, Dysmetabolic Traits, and Earlier Onset of Female Puberty in Adolescent Offspring of Women With Gestational Diabetes Mellitus: A Clinical Study Within the Danish National Birth Cohort. <i>Diabetes Care</i> , 2017, 40, 1746-1755.	8.6	90
27	Genetically Elevated Apolipoprotein A-I, High-Density Lipoprotein Cholesterol Levels, and Risk of Ischemic Heart Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E500-E510.	3.6	89
28	Genetic variation in the ABCA1 gene, HDL cholesterol, and risk of ischemic heart disease in the general population. <i>Atherosclerosis</i> , 2010, 208, 305-316.	0.8	82
29	Visible Age-Related Signs and Risk of Ischemic Heart Disease in the General Population. <i>Circulation</i> , 2014, 129, 990-998.	1.6	80
30	Absolute 10-year risk of dementia by age, sex and <i>APOE</i> genotype: a population-based cohort study. <i>Cmaj</i> , 2018, 190, E1033-E1041.	2.0	71
31	Apolipoprotein E genotype: epsilon32 women are protected while epsilon33 and epsilon44 men are susceptible to ischemic heart disease. <i>Journal of the American College of Cardiology</i> , 2000, 35, 1192-1199.	2.8	70
32	Lipid measurements in the management of cardiovascular diseases: Practical recommendations a scientific statement from the national lipid association writing group. <i>Journal of Clinical Lipidology</i> , 2021, 15, 629-648.	1.5	69
33	Mutation in ABCA1 Predicted Risk of Ischemic Heart Disease in the Copenhagen City Heart Study Population. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1516-1520.	2.8	63
34	Association of anthropometry and weight change with risk of dementia and its major subtypes: A meta-analysis consisting 2.8 million adults with 57 294 cases of dementia. <i>Obesity Reviews</i> , 2020, 21, e12989.	6.5	62
35	Genetic variation in the cholesterol transporter NPC1L1, ischaemic vascular disease, and gallstone disease. <i>European Heart Journal</i> , 2015, 36, 1601-1608.	2.2	59
36	Plasma apolipoprotein E levels and risk of dementia: A Mendelian randomization study of 106,562 individuals. <i>Alzheimer's and Dementia</i> , 2018, 14, 71-80.	0.8	55

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37	Body Mass Index and Risk of Alzheimer's Disease: A Mendelian Randomization Study of 399,536 Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2310-2320.	3.6	54
38	The ABCG5/8 Cholesterol Transporter and Myocardial Infarction Versus Gallstone Disease. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2121-2128.	2.8	45
39	Plasma levels of apolipoprotein E, <i>APOE</i> genotype, and all-cause and cause-specific mortality in 105,949 individuals from a white general population cohort. <i>European Heart Journal</i> , 2019, 40, 2813-2824.	2.2	44
40	Impact of cardiovascular risk factors and genetics on 10-year absolute risk of dementia: risk charts for targeted prevention. <i>European Heart Journal</i> , 2020, 41, 4024-4033.	2.2	44
41	Patients with Alzheimer's disease who carry the <i>APOE</i> ϵ 4 allele benefit more from physical exercise. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 99-106.	3.7	40
42	The plasma concentration of HDL-associated apoM is influenced by LDL receptor-mediated clearance of apoB-containing particles. <i>Journal of Lipid Research</i> , 2012, 53, 2198-2204.	4.2	39
43	ABC Transporter Genes and Risk of Type 2 Diabetes. <i>Diabetes Care</i> , 2012, 35, 2600-2606.	8.6	39
44	Observational and genetic studies of short telomeres and Alzheimer's disease in 67,000 and 152,000 individuals: a Mendelian randomization study. <i>European Journal of Epidemiology</i> , 2020, 35, 147-156.	5.7	36
45	<i>APOE</i> and dementia " resequencing and genotyping in 105,597 individuals. <i>Alzheimer's and Dementia</i> , 2020, 16, 1624-1637.	0.8	36
46	An updated Alzheimer hypothesis: Complement C3 and risk of Alzheimer's disease " A cohort study of 95,442 individuals. <i>Alzheimer's and Dementia</i> , 2018, 14, 1589-1601.	0.8	33
47	Type-2 diabetes and risk of dementia: observational and Mendelian randomisation studies in 1 million individuals. <i>Epidemiology and Psychiatric Sciences</i> , 2020, 29, e118.	3.9	33
48	Leg vascular and skeletal muscle mitochondrial adaptations to aerobic high-intensity exercise training are enhanced in the early postmenopausal phase. <i>Journal of Physiology</i> , 2017, 595, 2969-2983.	2.9	32
49	Copenhagen Baby Heart Study: a population study of newborns with prenatal inclusion. <i>European Journal of Epidemiology</i> , 2019, 34, 79-90.	5.7	32
50	Genetic variants in CYP7A1 and risk of myocardial infarction and symptomatic gallstone disease. <i>European Heart Journal</i> , 2018, 39, 2106-2116.	2.2	31
51	Association of Rare <i>APOE</i> Missense Variants V236E and R251G With Risk of Alzheimer Disease. <i>JAMA Neurology</i> , 2022, 79, 652.	9.0	31
52	Plasma levels of apolipoprotein E and risk of ischemic heart disease in the general population. <i>Atherosclerosis</i> , 2016, 246, 63-70.	0.8	30
53	Lactate is a Prognostic Factor in Patients Admitted With Suspected ST-Elevation Myocardial Infarction. <i>Shock</i> , 2019, 51, 321-327.	2.1	28
54	HDL Cholesterol and Non-Cardiovascular Disease: A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4547.	4.1	28

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55	A systematic review and meta-analysis of 130,000 individuals shows smoking does not modify the association of APOE genotype on risk of coronary heart disease. <i>Atherosclerosis</i> , 2014, 237, 5-12.	0.8	27
56	Bloodâ€“brain barrier transcytosis genes, risk of dementia and stroke: a prospective cohort study of 74,754 individuals. <i>European Journal of Epidemiology</i> , 2019, 34, 579-590.	5.7	27
57	Long-term Benefits and Harms Associated With Genetic Cholesteryl Ester Transfer Protein Deficiency in the General Population. <i>JAMA Cardiology</i> , 2022, 7, 55.	6.1	27
58	Câ€“reactive protein levels and risk of dementiaâ€“Observational and genetic studies of 111,242 individuals from the general population. <i>Alzheimer's and Dementia</i> , 2022, 18, 2262-2271.	0.8	27
59	Single nucleotide polymorphism in the low-density lipoprotein receptor is associated with a threefold risk of strokeA case-control and prospective study. <i>European Heart Journal</i> , 2004, 25, 943-951.	2.2	25
60	Impact of glucose on risk of dementia: Mendelian randomisation studies in 115,875 individuals. <i>Diabetologia</i> , 2020, 63, 1151-1161.	6.3	25
61	Plasma high-density lipoprotein cholesterol and risk of dementia: observational and genetic studies. <i>Cardiovascular Research</i> , 2022, 118, 1330-1343.	3.8	24
62	Triglycerides as a Shared Risk Factor between Dementia and Atherosclerotic Cardiovascular Disease: A Study of 125Â727 Individuals. <i>Clinical Chemistry</i> , 2021, 67, 245-255.	3.2	24
63	Decline in Antibody Concentration 6 Months After Two Doses of SARS-CoV-2 BNT162b2 Vaccine in Solid Organ Transplant Recipients and Healthy Controls. <i>Frontiers in Immunology</i> , 2022, 13, 832501.	4.8	23
64	Relation between plasma and brain lipids. <i>Current Opinion in Lipidology</i> , 2016, 27, 225-232.	2.7	22
65	Genetic variation in clusterin and risk of dementia and ischemic vascular disease in the general population: cohort studies and meta-analyses of 362,338 individuals. <i>BMC Medicine</i> , 2018, 16, 39.	5.5	22
66	Effects of menopause and high-intensity training on insulin sensitivity and muscle metabolism. <i>Menopause</i> , 2018, 25, 165-175.	2.0	21
67	A common variant in <i>CCDC93</i> protects against myocardial infarction and cardiovascular mortality by regulating endosomal trafficking of low-density lipoprotein receptor. <i>European Heart Journal</i> , 2020, 41, 1040-1053.	2.2	20
68	Functional Effects of Receptor-Binding Domain Mutations of SARS-CoV-2 B.1.351 and P.1 Variants. <i>Frontiers in Immunology</i> , 2021, 12, 757197.	4.8	20
69	Lipoprotein(a) Levels at Birth and in Early Childhood: The COMPARE Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 324-335.	3.6	20
70	Early Life Exposures to Perfluoroalkyl Substances in Relation to Adipokine Hormone Levels at Birth and During Childhood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5338-5348.	3.6	19
71	HDL cholesterol concentrations and risk of atherosclerotic cardiovascular disease â€“ Insights from randomized clinical trials and human genetics. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159063.	2.4	19
72	Genetic and environmental determinants of 25-hydroxyvitamin D levels in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1414-1422.	3.0	18

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73	Gender- and age-specific contributions of additional DNA sequence variation in the 5' regulatory region of the APOE gene to prediction of measures of lipid metabolism. Human Genetics, 2004, 115, 331-45.	3.8	17
74	Subsets of SNPs define rare genotype classes that predict ischemic heart disease. Human Genetics, 2007, 120, 865-877.	3.8	17
75	Antibody-dependent neutralizing capacity of the SARS-CoV-2 vaccine BNT162b2 with and without previous COVID-19 priming. Journal of Internal Medicine, 2021, 290, 1272-1274.	6.0	17
76	An application of the patient rule-induction method for evaluating the contribution of the Apolipoprotein E and Lipoprotein Lipase genes to predicting ischemic heart disease. Genetic Epidemiology, 2007, 31, 515-527.	1.3	14
77	Biomarkers predictive of late cardiogenic shock development in patients with suspected ST-elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 557-566.	1.0	14
78	Naturally Occurring Variants in LRP1 (Low-Density Lipoprotein Receptor-Related Protein 1) Affect HDL (High-Density Lipoprotein) Metabolism Through ABCA1 (ATP-Binding Cassette A1) and SR-B1 (Scavenger) Tj ETQq0,0,0 rgBT /Overlock 1 1440-1453.	2.4	13
79	Context-Dependent Associations Between Variation in Risk of Ischemic Heart Disease and Variation in the 5' Promoter Region of the Apolipoprotein E Gene in Danish Women. Circulation: Cardiovascular Genetics, 2010, 3, 22-30.	5.1	12
80	Data on plasma levels of apolipoprotein E, correlations with lipids and lipoproteins stratified by APOE genotype, and risk of ischemic heart disease. Data in Brief, 2016, 6, 923-932.	1.0	12
81	Are remitted affective disorders and familial risk of affective disorders associated with metabolic syndrome, inflammation and oxidative stress? â€” a monozygotic twin study. Psychological Medicine, 2020, 50, 1736-1745.	4.5	12
82	HDL cholesterol and apolipoprotein A-I concentrations and risk of atherosclerotic cardiovascular disease: Human genetics to unravel causality. Atherosclerosis, 2020, 299, 53-55.	0.8	12
83	Association of Low Plasma Transthyretin Concentration With Risk of Heart Failure in the General Population. JAMA Cardiology, 2021, 6, 258.	6.1	12
84	LDL receptor mutations and ApoB mutations are not risk factors for ischemic cerebrovascular disease of the young, but lipids and lipoproteins are. European Journal of Neurology, 1999, 6, 691-696.	3.3	11
85	ABCA1 and risk of dementia and vascular disease in the Danish population. Annals of Clinical and Translational Neurology, 2018, 5, 41-51.	3.7	11
86	Elevated Apolipoprotein A1 and HDL Cholesterol Associated with Age-related Macular Degeneration: 2 Population Cohorts. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2749-e2758.	3.6	11
87	Using genetics to explore whether the cholesterol-lowering drug ezetimibe may cause an increased risk of cancer. International Journal of Epidemiology, 2017, 46, 1777-1785.	1.9	10
88	Modifications to the Patient Rule-Induction Method that utilize non-additive combinations of genetic and environmental effects to define partitions that predict ischemic heart disease. Genetic Epidemiology, 2009, 33, 317-324.	1.3	9
89	Common clinical practice versus new PRIM score in predicting coronary heart disease risk. Atherosclerosis, 2010, 213, 532-538.	0.8	8
90	Osteoporosis Is Associated with Deteriorating Clinical Status in Adults with Cystic Fibrosis. International Journal of Endocrinology, 2018, 2018, 1-9.	1.5	8

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91	Admission Leukocyte Count is Associated with Late Cardiogenic Shock Development and All-Cause 30-Day Mortality in Patients with ST-Elevation Myocardial Infarction. <i>Shock</i> , 2020, 53, 299-306.	2.1	8
92	Taking action: European Atherosclerosis Society targets the United Nations Sustainable Development Goals 2030 agenda to fight atherosclerotic cardiovascular disease in Europe. <i>Atherosclerosis</i> , 2021, 322, 77-81.	0.8	8
93	Plasma Concentrations of Magnesium and Risk of Dementia: A General Population Study of 102 648 Individuals. <i>Clinical Chemistry</i> , 2021, 67, 899-911.	3.2	8
94	Self-reported and genetically predicted coffee consumption and smoking in dementia: A Mendelian randomization study. <i>Atherosclerosis</i> , 2022, 348, 36-43.	0.8	8
95	Genetic variation in ABCA1 and risk of cardiovascular disease. <i>Atherosclerosis</i> , 2011, 218, 281-282.	0.8	7
96	Genetic variation in WRN and ischemic stroke: General population studies and meta-analyses. <i>Experimental Gerontology</i> , 2017, 89, 69-77.	2.8	7
97	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1353-1368.	2.6	7
98	Effects of High-Intensity Exercise Training on Adipose Tissue Mass, Glucose Uptake and Protein Content in Pre- and Post-menopausal Women. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 60.	1.8	7
99	Occupational lifting and risk of hypertension, stratified by use of anti-hypertensives and age - a cross-sectional and prospective cohort study. <i>BMC Public Health</i> , 2021, 21, 721.	2.9	7
100	Antibody responses and risk factors associated with impaired immunological outcomes following two doses of BNT162b2 COVID-19 vaccination in patients with chronic pulmonary diseases. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001268.	3.0	7
101	Subgroups at high risk for ischaemic heart disease: identification and validation in 67 000 individuals from the general population. <i>International Journal of Epidemiology</i> , 2015, 44, 117-128.	1.9	5
102	Hypozinaemia is associated with severity of aneurysmal subarachnoid haemorrhage: a retrospective cohort study. <i>Acta Neurochirurgica</i> , 2020, 162, 1417-1424.	1.7	5
103	Challenges at the APOE locus: a robust quality control approach for accurate APOE genotyping. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 22.	6.2	5
104	S100B and brain derived neurotrophic factor in monozygotic twins with, at risk of and without affective disorders. <i>Journal of Affective Disorders</i> , 2020, 274, 726-732.	4.1	4
105	Hypophosphataemia is common in patients with aneurysmal subarachnoid haemorrhage. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 1431-1438.	1.6	4
106	Impact of metabolic dysfunction on cognition in humans. <i>Current Opinion in Lipidology</i> , 2021, 32, 55-61.	2.7	4
107	Serum cobalamin in children with moderate acute malnutrition in Burkina Faso: Secondary analysis of a randomized trial. <i>PLoS Medicine</i> , 2022, 19, e1003943.	8.4	4
108	Impact of diet on ten-year absolute cardiovascular risk in a prospective cohort of 94 321 individuals: A tool for implementation of healthy diets. <i>Lancet Regional Health - Europe</i> , The, 2022, 19, 100419.	5.6	4

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109	Physical Exercise May Increase Plasma Concentration of High-Density Lipoprotein-Cholesterol in Patients With Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2020, 14, 532.	2.8	3
110	Using Polygenic Hazard Scores to Predict Age at Onset of Alzheimer's Disease in Nordic Populations. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1533-1544.	2.6	3
111	High-sensitive C-reactive protein and homocysteine levels in patients with newly diagnosed bipolar disorder, their first-degree relatives, and healthy control persons—Results from a clinical study. <i>European Psychiatry</i> , 2020, 63, e103.	0.2	2
112	Response to Letter Regarding Article, "Visible Age-Related Signs and Risk of Ischemic Heart Disease in the General Population: A Prospective Cohort Study". <i>Circulation</i> , 2014, 130, e338.	1.6	1
113	Coagulation parameters in the newborn and infant—the Copenhagen Baby Heart and COMPARE studies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, .	2.3	1
114	Associations between primary care electrocardiography and non-Alzheimer dementia. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106640.	1.6	1