

Kathleen A Ryan

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

3,234
citations

279798

23
h-index

182427

51
g-index

61
all docs

61
docs citations

61
times ranked

6745
citing authors

#	ARTICLE	IF	CITATIONS
1	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
2	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
3	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	6.2	326
4	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284
5	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474.	21.4	251
6	Obesity Increases Risk of Ischemic Stroke in Young Adults. <i>Stroke</i> , 2015, 46, 1690-1692.	2.0	159
7	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	12.8	133
8	The genetic response to short-term interventions affecting cardiovascular function: Rationale and design of the Heredity and Phenotype Intervention (HAPI) Heart Study. <i>American Heart Journal</i> , 2008, 155, 823-828.	2.7	109
9	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	6.2	106
10	Familial Defective Apolipoprotein B-100 and Increased Low-Density Lipoprotein Cholesterol and Coronary Artery Calcification in the Old Order Amish. <i>Archives of Internal Medicine</i> , 2010, 170, 1850-5.	3.8	79
11	Deep coverage whole genome sequences and plasma lipoprotein(a) in individuals of European and African ancestries. <i>Nature Communications</i> , 2018, 9, 2606.	12.8	79
12	A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. <i>Nature Genetics</i> , 2022, 54, 761-771.	21.4	68
13	Cocaine Use and Risk of Ischemic Stroke in Young Adults. <i>Stroke</i> , 2016, 47, 918-922.	2.0	64
14	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.	12.8	59
15	Genetic Variants Associated with Circulating Parathyroid Hormone. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1553-1565.	6.1	52
16	Genome-wide association study of knee pain identifies associations with GDF5 and COL27A1 in UK Biobank. <i>Communications Biology</i> , 2019, 2, 321.	4.4	48
17	A Common Variant in the SETD7 Gene Predicts Serum Lycopene Concentrations. <i>Nutrients</i> , 2016, 8, 82.	4.1	45
18	Insulin Resistance Exacerbates Genetic Predisposition to Nonalcoholic Fatty Liver Disease in Individuals Without Diabetes. <i>Hepatology Communications</i> , 2019, 3, 894-907.	4.3	41

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19	The <i>ABCG8</i> G574R Variant, Serum Plant Sterol Levels, and Cardiovascular Disease Risk in the Old Order Amish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 413-419.	2.4	33
20	Genome sequencing unveils a regulatory landscape of platelet reactivity. <i>Nature Communications</i> , 2021, 12, 3626.	12.8	29
21	Chronotype and seasonality: Morningness is associated with lower seasonal mood and behavior changes in the Old Order Amish. <i>Journal of Affective Disorders</i> , 2015, 174, 209-214.	4.1	28
22	Familial Hypercholesterolemia and Type 2 Diabetes in the Old Order Amish. <i>Diabetes</i> , 2017, 66, 2054-2058.	0.6	28
23	Whole-genome sequencing association analysis of quantitative red blood cell phenotypes: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021, 108, 874-893.	6.2	28
24	Genetic Variation in the Platelet Endothelial Aggregation Receptor 1 Gene Results in Endothelial Dysfunction. <i>PLoS ONE</i> , 2015, 10, e0138795.	2.5	24
25	Insulin Pump and Continuous Glucose Monitor Initiation in Hospitalized Patients with Type 2 Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2018, 20, 32-38.	4.4	22
26	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	4.4	17
27	Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021, 108, 1836-1851.	6.2	14
28	Genetic and functional evidence links a missense variant in <i>B4GALT1</i> to lower LDL and fibrinogen. <i>Science</i> , 2021, 374, 1221-1227.	12.6	14
29	Genetic variants affecting bone mineral density and bone mineral content at multiple skeletal sites in Hispanic children. <i>Bone</i> , 2020, 132, 115175.	2.9	13
30	Marijuana Use and the Risk of Early Ischemic Stroke. <i>Stroke</i> , 2021, 52, 3184-3190.	2.0	13
31	Prevalence, control, and treatment of diabetes, hypertension, and high cholesterol in the Amish. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000912.	2.8	12
32	Prevention Opportunities for Oral Contraceptive-Associated Ischemic Stroke. <i>Stroke</i> , 2014, 45, 893-895.	2.0	11
33	Ethnic differences in ischemic stroke subtypes in young-onset stroke: the Stroke Prevention in Young Adults Study. <i>BMC Neurology</i> , 2015, 15, 221.	1.8	11
34	Heterozygosity for a Pathogenic Variant in <i>SLC12A3</i> That Causes Autosomal Recessive Gitelman Syndrome Is Associated with Lower Serum Potassium. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 756-765.	6.1	11
35	An exome-wide sequencing study of lipid response to high-fat meal and fenofibrate in Caucasians from the GOLDN cohort. <i>Journal of Lipid Research</i> , 2018, 59, 722-729.	4.2	10
36	An <i>APOO</i> Pseudogene on Chromosome 5q Is Associated With Low-Density Lipoprotein Cholesterol Levels. <i>Circulation</i> , 2018, 138, 1343-1355.	1.6	10

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37	Increased usual physical activity is associated with a blunting of the triglyceride response to a high-fat meal. <i>Journal of Clinical Lipidology</i> , 2019, 13, 109-114.	1.5	9
38	Genome-wide meta-analysis identified novel variant associated with hallux valgus in Caucasians. <i>Journal of Foot and Ankle Research</i> , 2020, 13, 11.	1.9	9
39	Allelic Heterogeneity at the CRP Locus Identified by Whole-Genome Sequencing in Multi-ancestry Cohorts. <i>American Journal of Human Genetics</i> , 2020, 106, 112-120.	6.2	9
40	Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0206554.	2.5	8
41	<i>Toxoplasma gondii</i> Serointensity and Seropositivity: Heritability and Household-Related Associations in the Old Order Amish. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3732.	2.6	8
42	<i>KCNQ1</i> and Long QT Syndrome in 1/45 Amish. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e003133.	3.6	7
43	An Amish founder population reveals rare-population genetic determinants of the human lipidome. <i>Communications Biology</i> , 2022, 5, 334.	4.4	7
44	Clopidogrel Improves Skin Microcirculatory Endothelial Function in Persons With Heightened Platelet Aggregation. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	6
45	<i>Toxoplasma gondii</i> IgG associations with sleepwake problems, sleep duration and timing. <i>Pteridines</i> , 2019, 30, 1-9.	0.5	6
46	Self-Reported Sleep Duration and Pattern in Old Order Amish and Non-Amish Adults. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1321-1328.	2.6	6
47	Heritability of plasma neopterin levels in the Old Order Amish. <i>Journal of Neuroimmunology</i> , 2017, 307, 37-41.	2.3	5
48	Exome Array Analysis of Early-Onset Ischemic Stroke. <i>Stroke</i> , 2020, 51, 3356-3360.	2.0	5
49	Black-White Differences in Ischemic Stroke Risk Factor Burden in Young Adults. <i>Stroke</i> , 2022, 53, STROKEAHA121034314.	2.0	5
50	Identification of novel and rare variants associated with handgrip strength using whole genome sequence data from the NHLBI Trans-Omics in Precision Medicine (TOPMed) Program. <i>PLoS ONE</i> , 2021, 16, e0253611.	2.5	4
51	Evaluation of WISP1 as a candidate gene for bone mineral density in the Old Order Amish. <i>Scientific Reports</i> , 2018, 8, 7141.	3.3	3
52	An Exome-Wide Sequencing Study of the GOLDN Cohort Reveals Novel Associations of Coding Variants and Fasting Plasma Lipids. <i>Frontiers in Genetics</i> , 2019, 10, 158.	2.3	2
53	Genomics of Postprandial Lipidomics in the Genetics of Lipid-Lowering Drugs and Diet Network Study. <i>Nutrients</i> , 2021, 13, 4000.	4.1	2
54	Sickle Cell Trait and Risk of Ischemic Stroke in Young Adults. <i>Stroke</i> , 2020, 51, e238-e241.	2.0	1

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55	Eating behavior disinhibition predicts insulin resistance in the Old Order Amish. <i>Journal of Human Nutrition and Food Science</i> , 2017, 5, .	0.0	0