

Derek M Klarin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4615322/publications.pdf>

Version: 2024-02-01

78
papers

6,636
citations

145106

33
h-index

120465

65
g-index

100
all docs

100
docs citations

100
times ranked

12103
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. <i>Nature Genetics</i> , 2018, 50, 1514-1523.	9.4	497
2	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	9.4	470
3	Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. <i>Nature Genetics</i> , 2020, 52, 680-691.	9.4	445
4	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
5	ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2054-2063.	1.2	348
6	Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. <i>Nature Communications</i> , 2019, 10, 1499.	5.8	346
7	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019, 51, 51-62.	9.4	328
8	Genetic Association of Waist-to-Hip Ratio With Cardiometabolic Traits, Type 2 Diabetes, and Coronary Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 626.	3.8	313
9	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	9.4	279
10	Association of Premature Natural and Surgical Menopause With Incident Cardiovascular Disease. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2411.	3.8	232
11	Genetic analysis in UK Biobank links insulin resistance and transendothelial migration pathways to coronary artery disease. <i>Nature Genetics</i> , 2017, 49, 1392-1397.	9.4	190
12	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
13	Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , 2019, 25, 1274-1279.	15.2	177
14	Long-Term Cardiovascular Risk in Women With Hypertension During Pregnancy. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2743-2754.	1.2	169
15	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. <i>Blood</i> , 2019, 134, 1645-1657.	0.6	162
16	Genome-wide association analysis of venous thromboembolism identifies new risk loci and genetic overlap with arterial vascular disease. <i>Nature Genetics</i> , 2019, 51, 1574-1579.	9.4	152
17	A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. <i>PLoS Genetics</i> , 2020, 16, e1008629.	1.5	101
18	Genetic Analysis of Venous Thromboembolism in UK Biobank Identifies the ZFPM2 Locus and Implicates Obesity as a Causal Risk Factor. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	90

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19	Mapping eGFR loci to the renal transcriptome and phenome in the VA Million Veteran Program. <i>Nature Communications</i> , 2019, 10, 3842.	5.8	90
20	Interleukin-6 Signaling Effects on Ischemic Stroke and Other Cardiovascular Outcomes. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002872.	1.6	90
21	Phenotypic Consequences of a Genetic Predisposition to Enhanced Nitric Oxide Signaling. <i>Circulation</i> , 2018, 137, 222-232.	1.6	87
22	Genetic predisposition to smoking in relation to 14 cardiovascular diseases. <i>European Heart Journal</i> , 2020, 41, 3304-3310.	1.0	83
23	Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. <i>Nature Communications</i> , 2018, 9, 1613.	5.8	78
24	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. <i>Circulation</i> , 2020, 142, 1633-1646.	1.6	78
25	Urate, Blood Pressure, and Cardiovascular Disease. <i>Hypertension</i> , 2021, 77, 383-392.	1.3	75
26	Heritability of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	72
27	Protein-Truncating Variants at the Cholesteryl Ester Transfer Protein Gene and Risk for Coronary Heart Disease. <i>Circulation Research</i> , 2017, 121, 81-88.	2.0	68
28	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.	9.4	68
29	The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. <i>PLoS Medicine</i> , 2020, 17, e1003302.	3.9	63
30	Clinical utility of polygenic risk scores for coronary artery disease. <i>Nature Reviews Cardiology</i> , 2022, 19, 291-301.	6.1	56
31	Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease. <i>Circulation</i> , 2021, 144, 353-364.	1.6	47
32	Genetics of Smoking and Risk of Atherosclerotic Cardiovascular Diseases. <i>JAMA Network Open</i> , 2021, 4, e2034461.	2.8	42
33	Risk factors mediating the effect of body mass index and waist-to-hip ratio on cardiovascular outcomes: Mendelian randomization analysis. <i>International Journal of Obesity</i> , 2021, 45, 1428-1438.	1.6	39
34	Genetic Association of Finger Photoplethysmography-Derived Arterial Stiffness Index With Blood Pressure and Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1253-1261.	1.1	35
35	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. <i>International Journal of Epidemiology</i> , 2020, 49, 1022-1031.	0.9	34
36	Association of <i>APOL1</i> Risk Alleles With Cardiovascular Disease in Blacks in the Million Veteran Program. <i>Circulation</i> , 2019, 140, 1031-1040.	1.6	31

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37	DNA Sequence Variation in <i>ACVR1C</i> Encoding the Activin Receptor-Like Kinase 7 Influences Body Fat Distribution and Protects Against Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 226-234.	0.3	31
38	Evaluation of the Pooled Cohort Equations for Prediction of Cardiovascular Risk in a Contemporary Prospective Cohort. <i>American Journal of Cardiology</i> , 2017, 119, 881-885.	0.7	29
39	High heritability of ascending aortic diameter and trans-ancestry prediction of thoracic aortic disease. <i>Nature Genetics</i> , 2022, 54, 772-782.	9.4	29
40	Dynamic Multibody Protein Interactions Suggest Versatile Pathways for Copper Trafficking. <i>Journal of the American Chemical Society</i> , 2012, 134, 8934-8943.	6.6	27
41	Low-Dose IL-2 for In Vivo Expansion of CD4+ and CD8+ Regulatory T Cells in Nonhuman Primates. <i>American Journal of Transplantation</i> , 2012, 12, 2532-2537.	2.6	26
42	Risk factor profile and anatomic features of previously asymptomatic patients presenting with carotid-related stroke. <i>Journal of Vascular Surgery</i> , 2018, 68, 1390-1395.	0.6	26
43	Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2027-2034.	1.1	24
44	Epidemiology and Genetics of Venous Thromboembolism and Chronic Venous Disease. <i>Circulation Research</i> , 2021, 128, 1988-2002.	2.0	22
45	Genetic Variation at the Sulfonyleurea Receptor, Type 2 Diabetes, and Coronary Heart Disease. <i>Diabetes</i> , 2017, 66, 2310-2315.	0.3	20
46	Concomitant carotid endarterectomy and cardiac surgery does not decrease postoperative stroke rates. <i>Journal of Vascular Surgery</i> , 2020, 72, 589-596.e3.	0.6	19
47	Endothelial lipase mediates efficient lipolysis of triglyceride-rich lipoproteins. <i>PLoS Genetics</i> , 2021, 17, e1009802.	1.5	18
48	Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study. <i>PLoS Genetics</i> , 2020, 16, e1008684.	1.5	17
49	Regulatory variants in <i>TCF7L2</i> are associated with thoracic aortic aneurysm. <i>American Journal of Human Genetics</i> , 2021, 108, 1578-1589.	2.6	17
50	Gene-gene Interaction Analyses for Atrial Fibrillation. <i>Scientific Reports</i> , 2016, 6, 35371.	1.6	15
51	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. <i>Scientific Reports</i> , 2017, 7, 11303.	1.6	15
52	Effects of Genetic Variants Associated with Familial Hypercholesterolemia on Low-Density Lipoprotein-Cholesterol Levels and Cardiovascular Outcomes in the Million Veteran Program. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, .	1.6	15
53	Multi-trait association studies discover pleiotropic loci between Alzheimer's disease and cardiometabolic traits. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 34.	3.0	15
54	Perioperative and long-term impact of chronic kidney disease on carotid artery interventions. <i>Journal of Vascular Surgery</i> , 2016, 64, 1295-1302.	0.6	14

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55	Mendelian Randomization Analysis of Hemostatic Factors and Their Contribution to Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, 380-386.	1.1	14
56	Derivation and validation of genome-wide polygenic score for urinary tract stone diagnosis. <i>Kidney International</i> , 2020, 98, 1323-1330.	2.6	12
57	Mendelian Randomization Study of <i>ACLY</i> and Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2020, 383, e50.	13.9	11
58	A Missense Variant in the IL-6 Receptor and Protection From Peripheral Artery Disease. <i>Circulation Research</i> , 2021, 129, 968-970.	2.0	11
59	Genetic Determinants of Peripheral Artery Disease. <i>Circulation Research</i> , 2021, 128, 1805-1817.	2.0	9
60	PCSK9 loss of function is protective against extra-coronary atherosclerotic cardiovascular disease in a large multi-ethnic cohort. <i>PLoS ONE</i> , 2020, 15, e0239752.	1.1	9
61	Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study. <i>Human Molecular Genetics</i> , 2022, 31, 3566-3579.	1.4	5
62	Multi-Trait Genome-Wide Association Study of Atherosclerosis Detects Novel Pleiotropic Loci. <i>Frontiers in Genetics</i> , 2021, 12, 787545.	1.1	3
63	Diastolic Blood Pressure Alleles Improve Congenital Heart Defect Repair Outcomes. <i>Circulation Research</i> , 2022, 130, 1030-1037.	2.0	2
64	Reply. <i>Journal of Vascular Surgery</i> , 2017, 65, 1550.	0.6	0
65	Polygenic Risk Score Identifies Patients at Increased Risk for Abdominal Aortic Aneurysm and May Benefit from Ultrasound Screening. <i>JVS Vascular Science</i> , 2020, 1, 251-252.	0.4	0
66	Title is missing!. , 2020, 16, e1008684.		0
67	Title is missing!. , 2020, 16, e1008684.		0
68	Title is missing!. , 2020, 16, e1008684.		0
69	Title is missing!. , 2020, 16, e1008684.		0
70	Title is missing!. , 2020, 16, e1008684.		0
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72	The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302.		0

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73	The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302.		0
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76	The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302.		0
77	The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302.		0
78	The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302.		0