

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

126907

33
h-index

106344

65
g-index

100
all docs

100
docs citations

100
times ranked

11027
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. | 21.4 | 497 |
| 2 | Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766. | 21.4 | 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. | 21.4 | 445 |
| 4 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679. | 27.8 | 353 |
| 5 | ANGPTL3 Deficiency and Protection Against Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2054-2063. | 2.8 | 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. | 12.8 | 346 |
| 7 | Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019, 51, 51-62. | 21.4 | 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. | 7.4 | 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. | 21.4 | 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. | 7.4 | 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. | 21.4 | 190 |
| 12 | Phenotypic Characterization of Genetically Lowered Human Lipoprotein(a) Levels. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2761-2772. | 2.8 | 186 |
| 13 | Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , 2019, 25, 1274-1279. | 30.7 | 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. | 2.8 | 169 |
| 15 | Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. <i>Blood</i> , 2019, 134, 1645-1657. | 1.4 | 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. | 21.4 | 152 |
| 17 | A missense variant in Mitochondrial Amidoxime Reducing Component 1 gene and protection against liver disease. <i>PLoS Genetics</i> , 2020, 16, e1008629. | 3.5 | 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. | 12.8 | 90 |
| 20 | Interleukin-6 Signaling Effects on Ischemic Stroke and Other Cardiovascular Outcomes. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002872. | 3.6 | 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. | 2.2 | 83 |
| 23 | Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. <i>Nature Communications</i> , 2018, 9, 1613. | 12.8 | 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. | 2.7 | 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. | 4.5 | 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. | 21.4 | 68 |
| 29 | The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. <i>PLoS Medicine</i> , 2020, 17, e1003302. | 8.4 | 63 |
| 30 | Clinical utility of polygenic risk scores for coronary artery disease. <i>Nature Reviews Cardiology</i> , 2022, 19, 291-301. | 13.7 | 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. | 5.9 | 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. | 3.4 | 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. | 2.4 | 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. | 1.9 | 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. | 0.6 | 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. | 1.6 | 29 |
| 39 | High heritability of ascending aortic diameter and trans-ancestry prediction of thoracic aortic disease. <i>Nature Genetics</i> , 2022, 54, 772-782. | 21.4 | 29 |
| 40 | Dynamic Multibody Protein Interactions Suggest Versatile Pathways for Copper Trafficking. <i>Journal of the American Chemical Society</i> , 2012, 134, 8934-8943. | 13.7 | 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. | 4.7 | 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. | 1.1 | 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. | 2.4 | 24 |
| 44 | Epidemiology and Genetics of Venous Thromboembolism and Chronic Venous Disease. <i>Circulation Research</i> , 2021, 128, 1988-2002. | 4.5 | 22 |
| 45 | Genetic Variation at the Sulfonyleurea Receptor, Type 2 Diabetes, and Coronary Heart Disease. <i>Diabetes</i> , 2017, 66, 2310-2315. | 0.6 | 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. | 1.1 | 19 |
| 47 | Endothelial lipase mediates efficient lipolysis of triglyceride-rich lipoproteins. <i>PLoS Genetics</i> , 2021, 17, e1009802. | 3.5 | 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. | 3.5 | 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. | 6.2 | 17 |
| 50 | Gene-gene Interaction Analyses for Atrial Fibrillation. <i>Scientific Reports</i> , 2016, 6, 35371. | 3.3 | 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. | 3.3 | 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, . | 3.6 | 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. | 6.2 | 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. | 1.1 | 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. | 2.4 | 14 |
| 56 | Derivation and validation of genome-wide polygenic score for urinary tract stone diagnosis. <i>Kidney International</i> , 2020, 98, 1323-1330. | 5.2 | 12 |
| 57 | Mendelian Randomization Study of <i>ACLY</i> and Cardiovascular Disease. <i>New England Journal of Medicine</i> , 2020, 383, e50. | 27.0 | 11 |
| 58 | A Missense Variant in the IL-6 Receptor and Protection From Peripheral Artery Disease. <i>Circulation Research</i> , 2021, 129, 968-970. | 4.5 | 11 |
| 59 | Genetic Determinants of Peripheral Artery Disease. <i>Circulation Research</i> , 2021, 128, 1805-1817. | 4.5 | 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. | 2.5 | 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. | 2.9 | 5 |
| 62 | Multi-Trait Genome-Wide Association Study of Atherosclerosis Detects Novel Pleiotropic Loci. <i>Frontiers in Genetics</i> , 2021, 12, 787545. | 2.3 | 3 |
| 63 | Diastolic Blood Pressure Alleles Improve Congenital Heart Defect Repair Outcomes. <i>Circulation Research</i> , 2022, 130, 1030-1037. | 4.5 | 2 |
| 64 | Reply. <i>Journal of Vascular Surgery</i> , 2017, 65, 1550. | 1.1 | 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. | 1.1 | 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 |
| 71 | Title is missing!. , 2020, 16, e1008684. | | 0 |
| 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 |
| 74 | The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302. | | 0 |
| 75 | The relationship between circulating lipids and breast cancer risk: A Mendelian randomization study. , 2020, 17, e1003302. | | 0 |
| 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 |