

# Aaron Leong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3951087/publications.pdf>

Version: 2024-02-01

41  
papers

2,840  
citations

304743

22  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

5962  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D and Risk of Multiple Sclerosis: A Mendelian Randomization Study. <i>PLoS Medicine</i> , 2015, 12, e1001866.	8.4	380
2	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	8.4	341
3	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	21.4	341
4	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	21.4	250
5	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	12.8	173
6	A Mendelian randomization study of the effect of type-2 diabetes on coronary heart disease. <i>Nature Communications</i> , 2015, 6, 7060.	12.8	111
7	Cardiometabolic risk factors for COVID-19 susceptibility and severity: A Mendelian randomization analysis. <i>PLoS Medicine</i> , 2021, 18, e1003553.	8.4	105
8	Metabolomics insights into early type 2 diabetes pathogenesis and detection in individuals with normal fasting glucose. <i>Diabetologia</i> , 2018, 61, 1315-1324.	6.3	93
9	Diabetes as a Risk Factor for Poor Early Outcomes in Patients Hospitalized With COVID-19. <i>Diabetes Care</i> , 2020, 43, 2938-2944.	8.6	87
10	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. <i>Nature Communications</i> , 2018, 9, 321.	12.8	85
11	Systematic Review and Meta-Analysis of Validation Studies on a Diabetes Case Definition from Health Administrative Records. <i>PLoS ONE</i> , 2013, 8, e75256.	2.5	72
12	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies <i>BCL2</i> and <i>FAM19A2</i> as Novel Insulin Sensitivity Loci. <i>Diabetes</i> , 2016, 65, 3200-3211.	0.6	67
13	Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. <i>American Journal of Human Genetics</i> , 2016, 99, 56-75.	6.2	55
14	The impact of non-additive genetic associations on age-related complex diseases. <i>Nature Communications</i> , 2021, 12, 2436.	12.8	55
15	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. <i>Diabetes</i> , 2019, 68, 441-456.	0.6	54
16	Assessing the Causal Relationships Between Insulin Resistance and Hyperuricemia and Gout Using Bidirectional Mendelian Randomization. <i>Arthritis and Rheumatology</i> , 2021, 73, 2096-2104.	5.6	49
17	Genetically Driven Hyperglycemia Increases Risk of Coronary Artery Disease Separately From Type 2 Diabetes. <i>Diabetes Care</i> , 2017, 40, 687-693.	8.6	45
18	A Mendelian Randomization Study of the Effect of Type-2 Diabetes and Glycemic Traits on Bone Mineral Density. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1072-1081.	2.8	44

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19	Impact of Rare and Common Genetic Variants on Diabetes Diagnosis by Hemoglobin A1c in Multi-Ancestry Cohorts: The Trans-Omics for Precision Medicine Program. <i>American Journal of Human Genetics</i> , 2019, 105, 706-718.	6.2	44
20	Estimating the Population Prevalence of Diagnosed and Undiagnosed Diabetes. <i>Diabetes Care</i> , 2013, 36, 3002-3008.	8.6	42
21	Type 2 Diabetes Genetic Predisposition, Obesity, and All-Cause Mortality Risk in the U.S.: A Multiethnic Analysis. <i>Diabetes Care</i> , 2016, 39, 539-546.	8.6	38
22	Mendelian Randomization Analysis of Hemoglobin A1c as a Risk Factor for Coronary Artery Disease. <i>Diabetes Care</i> , 2019, 42, 1202-1208.	8.6	33
23	Type 2 Diabetes Partitioned Polygenic Scores Associate With Disease Outcomes in 454,193 Individuals Across 13 Cohorts. <i>Diabetes Care</i> , 2022, 45, 674-683.	8.6	29
24	Longitudinal Changes in the Relationship Between Hemoglobin A1c and Glucose Tolerance Across Pregnancy and Postpartum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1999-e2007.	3.6	26
25	Hypoglycemia in Diabetes Mellitus as a Coronary Artery Disease Risk Factor in Patients at Elevated Vascular Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 659-668.	3.6	21
26	Prediction of Type 2 Diabetes by Hemoglobin A1c in Two Community-Based Cohorts. <i>Diabetes Care</i> , 2018, 41, 60-68.	8.6	21
27	Genetics of HbA1c: a case study in clinical translation. <i>Current Opinion in Genetics and Development</i> , 2018, 50, 79-85.	3.3	20
28	A Decade of Genetic and Metabolomic Contributions to Type 2 Diabetes Risk Prediction. <i>Current Diabetes Reports</i> , 2017, 17, 135.	4.2	19
29	Statin-induced LDL cholesterol response and type 2 diabetes: a bidirectional two-sample Mendelian randomization study. <i>Pharmacogenomics Journal</i> , 2020, 20, 462-470.	2.0	18
30	A Long Non-coding RNA, LOC157273, Is an Effector Transcript at the Chromosome 8p23.1-PPP1R3B Metabolic Traits and Type 2 Diabetes Risk Locus. <i>Frontiers in Genetics</i> , 2020, 11, 615.	2.3	14
31	Type 2 Diabetes Prevention: Implications of Hemoglobin A1c Genetics. <i>Review of Diabetic Studies</i> , 2015, 12, 351-362.	1.3	14
32	Association of <i>G6PD</i> variants with hemoglobin A1c and impact on diabetes diagnosis in East Asian individuals. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001091.	2.8	12
33	Interaction of diabetes genetic risk and successful lifestyle modification in the Diabetes Prevention Programme. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1030-1040.	4.4	12
34	Association between muscle mass and diabetes prevalence independent of body fat distribution in adults under 50 years old. <i>Nutrition and Diabetes</i> , 2022, 12, .	3.2	11
35	Simultaneous Consideration of HbA1c and Insulin Resistance Improves Risk Assessment in White Individuals at Increased Risk for Future Type 2 Diabetes. <i>Diabetes Care</i> , 2020, 43, e90-e92.	8.6	7
36	Recessive Genome-Wide Meta-analysis Illuminates Genetic Architecture of Type 2 Diabetes. <i>Diabetes</i> , 2022, 71, 554-565.	0.6	7

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37	Sleep patterns of patients receiving home parenteral nutrition: A home-based observational study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1699-1708.	2.6	4
38	Correcting hazard ratio estimates for outcome misclassification using multiple imputation with internal validation data. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 925-934.	1.9	2
39	Association of <i>GLP1R</i> Polymorphisms With the Incretin Response. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2580-2588.	3.6	2
40	55. Diabetes, Obesity and COVID-19 Disease: An Observational Study of Outcomes Among Hospitalized Patients in Boston, Massachusetts. <i>Open Forum Infectious Diseases</i> , 2020, 7, S158-S159.	0.9	0
41	0564 Sleep patterns of patients on home parenteral nutrition: a home-based observational study. <i>Sleep</i> , 2022, 45, A248-A249.	1.1	0