

# Adolfo Correa

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

19,562  
citations

34105

52  
h-index

32842

100  
g-index

112  
all docs

112  
docs citations

112  
times ranked

26084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-Related Clonal Hematopoiesis Associated with Adverse Outcomes. <i>New England Journal of Medicine</i> , 2014, 371, 2488-2498.	27.0	3,474
2	Prevention of Neural-Tube Defects with Folic Acid in China. <i>New England Journal of Medicine</i> , 1999, 341, 1485-1490.	27.0	1,227
3	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018, 50, 524-537.	21.4	1,124
4	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	27.8	1,069
5	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	27.8	952
6	Prevalence of Congenital Heart Defects in Metropolitan Atlanta, 1998-2005. <i>Journal of Pediatrics</i> , 2008, 153, 807-813.	1.8	940
7	Diagnostic Yield and Clinical Utility of Sequencing Familial Hypercholesterolemia Genes in Patients With Severe Hypercholesterolemia. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2578-2589.	2.8	723
8	Noninherited Risk Factors and Congenital Cardiovascular Defects: Current Knowledge. <i>Circulation</i> , 2007, 115, 2995-3014.	1.6	663
9	A Population-Based Study of the 22q11.2 Deletion: Phenotype, Incidence, and Contribution to Major Birth Defects in the Population. <i>Pediatrics</i> , 2003, 112, 101-107.	2.1	606
10	Temporal Trends in Survival Among Infants With Critical Congenital Heart Defects. <i>Pediatrics</i> , 2013, 131, e1502-e1508.	2.1	521
11	Congenital Heart Defects in the United States. <i>Circulation</i> , 2016, 134, 101-109.	1.6	507
12	National population-based estimates for major birth defects, 2010–2014. <i>Birth Defects Research</i> , 2019, 111, 1420-1435.	1.5	505
13	Mortality Associated With Congenital Heart Defects in the United States. <i>Circulation</i> , 2001, 103, 2376-2381.	1.6	469
14	Mortality Resulting From Congenital Heart Disease Among Children and Adults in the United States, 1999 to 2006. <i>Circulation</i> , 2010, 122, 2254-2263.	1.6	464
15	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.	27.8	376
16	Seeking causes: Classifying and evaluating congenital heart defects in etiologic studies. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2007, 79, 714-727.	1.6	367
17	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
18	Children's health and the environment: public health issues and challenges for risk assessment.. <i>Environmental Health Perspectives</i> , 2004, 112, 257-265.	6.0	337

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19	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019, 570, 71-76.	27.8	248
20	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
21	The Contribution of Chromosomal Abnormalities to Congenital Heart Defects: A Population-Based Study. <i>Pediatric Cardiology</i> , 2011, 32, 1147-1157.	1.3	161
22	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. <i>Nature Genetics</i> , 2022, 54, 263-273.	21.4	156
23	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020, 52, 969-983.	21.4	146
24	Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. <i>Nature Communications</i> , 2018, 9, 3391.	12.8	140
25	Racial differences in infant mortality attributable to birth defects in the United States, 1989–2002. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2006, 76, 706-713.	1.6	129
26	Maternal Smoking and Congenital Heart Defects in the Baltimore-Washington Infant Study. <i>Pediatrics</i> , 2011, 127, e647-e653.	2.1	125
27	Wood-burning stoves and lower respiratory illnesses in Navajo children. <i>Pediatric Infectious Disease Journal</i> , 1996, 15, 859-865.	2.0	122
28	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	12.8	119
29	Decreasing the burden of congenital heart anomalies: an epidemiologic evaluation of risk factors and survival. <i>Progress in Pediatric Cardiology</i> , 2003, 18, 111-121.	0.4	117
30	Patterns in the prevalence of congenital heart defects, metropolitan Atlanta, 1978 to 2005. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2013, 97, 87-94.	1.6	115
31	The importance of nomenclature for congenital cardiac disease: implications for research and evaluation. <i>Cardiology in the Young</i> , 2008, 18, 92-100.	0.8	113
32	Association between prepregnancy body mass index and congenital heart defects. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 51.e1-51.e10.	1.3	106
33	Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.	1.4	106
34	Association of Clonal Hematopoiesis With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021, 78, 42-52.	2.8	101
35	Association Between Congenital Heart Defects and Small for Gestational Age. <i>Pediatrics</i> , 2007, 119, e976-e982.	2.1	96
36	Folic acid supplements during pregnancy and risk of miscarriage. <i>Lancet</i> , The, 2001, 358, 796-800.	13.7	94

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37	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.	21.4	91
38	Maternal age and prevalence of isolated congenital heart defects in an urban area of the United States. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 2137-2145.	1.2	88
39	Clonal Hematopoiesis Is Associated With Higher Risk of Stroke. <i>Stroke</i> , 2022, 53, 788-797.	2.0	88
40	Maternal lifestyle factors and risk for ventricular septal defects. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2004, 70, 59-64.	1.6	85
41	Maternal use of bupropion and risk for congenital heart defects. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 52.e1-52.e6.	1.3	78
42	Folic acid supplements during early pregnancy and likelihood of multiple births: a population-based cohort study. <i>Lancet, The</i> , 2003, 361, 380-384.	13.7	74
43	Survival in infants with Down syndrome, Metropolitan Atlanta, 1979-1998. <i>Journal of Pediatrics</i> , 2006, 148, 806-812.e1.	1.8	74
44	Contents & welcoming letter. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2007, 79, ii-65.	1.6	73
45	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. <i>Aging Cell</i> , 2021, 20, e13366.	6.7	72
46	Survival among people with Down syndrome: a nationwide population-based study in Denmark. <i>Genetics in Medicine</i> , 2013, 15, 64-69.	2.4	71
47	Congenital Heart Defects and Receipt of Special Education Services. <i>Pediatrics</i> , 2015, 136, 496-504.	2.1	71
48	A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. <i>Nature Genetics</i> , 2021, 53, 1504-1516.	21.4	69
49	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
50	Survival of Children With Hypoplastic Left Heart Syndrome. <i>Pediatrics</i> , 2015, 136, e864-e870.	2.1	66
51	Associations Between Maternal Fever and Influenza and Congenital Heart Defects. <i>Journal of Pediatrics</i> , 2011, 158, 990-995.	1.8	62
52	Do Multivitamin Supplements Attenuate the Risk for Diabetes-Associated Birth Defects?. <i>Pediatrics</i> , 2003, 111, 1146-1151.	2.1	59
53	Prenatal diagnosis, pregnancy terminations and prevalence of Down syndrome in Atlanta. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2004, 70, 565-571.	1.6	56
54	Congenital Heart Defects and Major Structural Noncardiac Anomalies, Atlanta, Georgia, 1968 to 2005. <i>Journal of Pediatrics</i> , 2011, 159, 70-78.e2.	1.8	54

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55	Improving the quality of surveillance data on congenital heart defects in the metropolitan Atlanta congenital defects program. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2007, 79, 743-753.	1.6	52
56	An update on cardiovascular malformations in congenital rubella syndrome. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010, 88, 1-8.	1.6	48
57	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.6	47
58	Do multivitamin supplements attenuate the risk for diabetes-associated birth defects?. <i>Pediatrics</i> , 2003, 111, 1146-51.	2.1	46
59	Prenatal diagnosis of nonsyndromic congenital heart defects. <i>Prenatal Diagnosis</i> , 2014, 34, 214-222.	2.3	43
60	Aldosterone, Renin, and Diabetes Mellitus in African Americans: The Jackson Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1770-1778.	3.6	43
61	Population sequencing data reveal a compendium of mutational processes in the human germ line. <i>Science</i> , 2021, 373, 1030-1035.	12.6	43
62	Association between maternal occupational exposure to organic solvents and congenital heart defects, National Birth Defects Prevention Study, 1997-2002. <i>Occupational and Environmental Medicine</i> , 2012, 69, 628-635.	2.8	42
63	Whole Genome Sequence Analysis of the Plasma Proteome in Black Adults Provides Novel Insights Into Cardiovascular Disease. <i>Circulation</i> , 2022, 145, 357-370.	1.6	39
64	Trihalomethane Exposures from Municipal Water Supplies and Selected Congenital Malformations. <i>Epidemiology</i> , 2003, 14, 191-199.	2.7	38
65	Mendelian randomization supports bidirectional causality between telomere length and clonal hematopoiesis of indeterminate potential. <i>Science Advances</i> , 2022, 8, eabl6579.	10.3	36
66	Maternal occupational exposure to polycyclic aromatic hydrocarbons and congenital heart defects among offspring in the national birth defects prevention study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012, 94, 875-881.	1.6	35
67	Pre-pregnancy Obesity as a Modifier of Gestational Diabetes and Birth Defects Associations: A Systematic Review. <i>Maternal and Child Health Journal</i> , 2017, 21, 1105-1120.	1.5	35
68	Racial/Ethnic Variations in the Prevalence of Selected Major Birth Defects, Metropolitan Atlanta, 1994-2005. <i>Public Health Reports</i> , 2012, 127, 52-61.	2.5	34
69	Vitamin A and Cardiac Outflow Tract Defects. <i>Epidemiology</i> , 2001, 12, 491-496.	2.7	33
70	Observed Prevalence of Congenital Heart Defects From a Surveillance Study in China. <i>Journal of Ultrasound in Medicine</i> , 2011, 30, 989-995.	1.7	33
71	Maternal occupational pesticide exposure and risk of congenital heart defects in the national birth defects prevention study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 823-833.	1.6	32
72	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	5.3	31

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73	A System for Phenotype Harmonization in the National Heart, Lung, and Blood Institute Trans-Omics for Precision Medicine (TOPMed) Program. <i>American Journal of Epidemiology</i> , 2021, 190, 1977-1992.	3.4	29
74	Genome sequencing unveils a regulatory landscape of platelet reactivity. <i>Nature Communications</i> , 2021, 12, 3626.	12.8	29
75	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.	6.5	29
76	Hypospadias and Intake of Nutrients Related to One-Carbon Metabolism. <i>Journal of Urology</i> , 2009, 181, 315-321.	0.4	26
77	Genome-Wide Association Study Meta-Analysis of Stroke in 22 000 Individuals of African Descent Identifies Novel Associations With Stroke. <i>Stroke</i> , 2020, 51, 2454-2463.	2.0	26
78	Association of mitochondrial DNA copy number with cardiometabolic diseases. <i>Cell Genomics</i> , 2021, 1, 100006.	6.5	26
79	Databases for Congenital Heart Defect Public Health Studies Across the Lifespan. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	24
80	Public Health Approach to Improve Outcomes for Congenital Heart Disease Across the Life Span. <i>Journal of the American Heart Association</i> , 2019, 8, e009450.	3.7	24
81	Rare coding variants in 35 genes associate with circulating lipid levels—A multi-ancestry analysis of 170,000 exomes. <i>American Journal of Human Genetics</i> , 2022, 109, 81-96.	6.2	24
82	Maternal Cigarette Smoking and Congenital Heart Defects. <i>Journal of Pediatrics</i> , 2015, 166, 801-804.	1.8	20
83	Public Health Practice of Population-Based Birth Defects Surveillance Programs in the United States. <i>Journal of Public Health Management and Practice</i> , 2016, 22, E1-E8.	1.4	18
84	Chromosome Xq23 is associated with lower atherogenic lipid concentrations and favorable cardiometabolic indices. <i>Nature Communications</i> , 2021, 12, 2182.	12.8	17
85	Descriptive study of nonsyndromic atrioventricular septal defects in the National Birth Defects Prevention Study, 1997–2005. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 555-564.	1.2	16
86	Whole-genome association analyses of sleep-disordered breathing phenotypes in the NHLBI TOPMed program. <i>Genome Medicine</i> , 2021, 13, 136.	8.2	16
87	Whole-Genome Sequencing Association Analyses of Stroke and Its Subtypes in Ancestrally Diverse Populations From Trans-Omics for Precision Medicine Project. <i>Stroke</i> , 2021, , STROKEAHA120031792.	2.0	16
88	Case-control analysis of maternal prenatal analgesic use and cardiovascular malformations: Baltimore–Washington Infant Study. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 404.e1-404.e9.	1.3	13
89	Multi-phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	3.8	12
90	Insights From a Large-Scale Whole-Genome Sequencing Study of Systolic Blood Pressure, Diastolic Blood Pressure, and Hypertension. <i>Hypertension</i> , 2022, 79, 1656-1667.	2.7	12

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91	Pregestational Diabetes Mellitus and Congenital Heart Defects. <i>Circulation</i> , 2016, 133, 2219-2221.	1.6	11
92	Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study: Study Design. <i>American Journal of Epidemiology</i> , 2022, 191, 1153-1173.	3.4	11
93	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. <i>PLoS ONE</i> , 2020, 15, e0230815.	2.5	10
94	Nucleosides Associated With Incident Ischemic Stroke in the REGARDS and JHS Cohorts. <i>Neurology</i> , 2022, 98, .	1.1	10
95	Analyses of trends in prevalence of congenital heart defects and folic acid supplementation. <i>Journal of Thoracic Disease</i> , 2017, 9, 495-500.	1.4	7
96	Survey of Adherence with COVID-19 Prevention Behaviors During the 2020 Thanksgiving and Winter Holidays Among Members of the COVID-19 Community Research Partnership. <i>Journal of Community Health</i> , 2022, 47, 71-78.	3.8	6
97	Presence and transmission of mitochondrial heteroplasmic mutations in human populations of European and African ancestry. <i>Mitochondrion</i> , 2021, 60, 33-42.	3.4	6
98	An expanded public health role for birth defects surveillance. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010, 88, 1004-1007.	1.6	4
99	Maternal Body Mass Index and Congenital Heart Defects. <i>Journal of the American College of Cardiology</i> , 2019, 73, 54-57.	2.8	2
100	Rare coding variants in RCN3 are associated with blood pressure. <i>BMC Genomics</i> , 2022, 23, 148.	2.8	2
101	Lessons Learned from the Jackson Heart Study. <i>Contemporary Cardiology</i> , 2021, , 105-122.	0.1	0