

Digna R Velez Edwards

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

6,599
citations

101543

36
h-index

79698

73
g-index

118
all docs

118
docs citations

118
times ranked

13795
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
2	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
3	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017, 49, 834-841.	21.4	426
4	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019, 51, 51-62.	21.4	328
5	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
6	A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry. <i>Nature Genetics</i> , 2013, 45, 690-696.	21.4	232
7	Meta-analysis identifies five novel loci associated with endometriosis highlighting key genes involved in hormone metabolism. <i>Nature Communications</i> , 2017, 8, 15539.	12.8	230
8	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016, 48, 1162-1170.	21.4	223
9	Genome-wide Association Analysis of Blood-Pressure Traits in African-Ancestry Individuals Reveals Common Associated Genes in African and Non-African Populations. <i>American Journal of Human Genetics</i> , 2013, 93, 545-554.	6.2	189
10	Phenotype risk scores identify patients with unrecognized Mendelian disease patterns. <i>Science</i> , 2018, 359, 1233-1239.	12.6	164
11	Genome-Wide Meta-Analyses of Breast, Ovarian, and Prostate Cancer Association Studies Identify Multiple New Susceptibility Loci Shared by at Least Two Cancer Types. <i>Cancer Discovery</i> , 2016, 6, 1052-1067.	9.4	157
12	Toll-like Receptor 1 Polymorphisms Increase Susceptibility to Candidemia. <i>Journal of Infectious Diseases</i> , 2012, 205, 934-943.	4.0	116
13	Population Stratification in Genetic Association Studies. <i>Current Protocols in Human Genetics</i> , 2017, 95, 1.22.1-1.22.23.	3.5	108
14	Risk of Miscarriage Among Black Women and White Women in a US Prospective Cohort Study. <i>American Journal of Epidemiology</i> , 2013, 177, 1271-1278.	3.4	102
15	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
16	Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019, 10, 431.	12.8	88
17	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. <i>PLoS Genetics</i> , 2017, 13, e1006728.	3.5	88
18	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , 2016, 99, 40-55.	6.2	82

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19	Obesity and pelvic organ prolapse: a systematic review and meta-analysis of observational studies. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 11-26.e3.	1.3	81
20	Genetic Variation in the Dectin-1/CARD9 Recognition Pathway and Susceptibility to Candidemia. <i>Journal of Infectious Diseases</i> , 2011, 204, 1138-1145.	4.0	80
21	A genetic association study of maternal and fetal candidate genes that predispose to preterm prelabor rupture of membranes (PROM). <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 361.e1-361.e30.	1.3	78
22	Identification of fetal and maternal single nucleotide polymorphisms in candidate genes that predispose to spontaneous preterm labor with intact membranes. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 202, 431.e1-431.e34.	1.3	77
23	Cytokine Gene Polymorphisms and the Outcome of Invasive Candidiasis: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2012, 54, 502-510.	5.8	68
24	Genetic epidemiology of pelvic organ prolapse: a systematic review. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 326-335.	1.3	62
25	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. <i>American Journal of Human Genetics</i> , 2016, 99, 8-21.	6.2	60
26	Alcohol Use in Pregnancy and Miscarriage: A Systematic Review and Meta-Analysis. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1606-1616.	2.4	55
27	A Transcriptome-Wide Association Study Among 97,898 Women to Identify Candidate Susceptibility Genes for Epithelial Ovarian Cancer Risk. <i>Cancer Research</i> , 2018, 78, 5419-5430.	0.9	54
28	Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. <i>American Journal of Human Genetics</i> , 2016, 99, 22-39.	6.2	50
29	Genetic Data from Nearly 63,000 Women of European Descent Predicts DNA Methylation Biomarkers and Epithelial Ovarian Cancer Risk. <i>Cancer Research</i> , 2019, 79, 505-517.	0.9	49
30	Deep learning predicts extreme preterm birth from electronic health records. <i>Journal of Biomedical Informatics</i> , 2019, 100, 103334.	4.3	49
31	A genome-wide association study of polycystic ovary syndrome identified from electronic health records. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 559.e1-559.e21.	1.3	49
32	Admixture mapping identifies a locus at 15q21.2-22.3 associated with keloid formation in African Americans. <i>Human Genetics</i> , 2014, 133, 1513-1523.	3.8	47
33	Periconceptional Over-the-Counter Nonsteroidal Anti-inflammatory Drug Exposure and Risk for Spontaneous Abortion. <i>Obstetrics and Gynecology</i> , 2012, 120, 113-122.	2.4	46
34	Association of Age at Menarche With Increasing Number of Fibroids in a Cohort of Women Who Underwent Standardized Ultrasound Assessment. <i>American Journal of Epidemiology</i> , 2013, 178, 426-433.	3.4	43
35	HTR1B, ADIPOR1, PPARGC1A, and CYP19A1 and Obesity in a Cohort of Caucasians and African Americans: An Evaluation of Gene-Environment Interactions and Candidate Genes. <i>American Journal of Epidemiology</i> , 2012, 175, 11-21.	3.4	42
36	Gene-environment interactions and obesity traits among postmenopausal African-American and Hispanic women in the Women's Health Initiative SHARe Study. <i>Human Genetics</i> , 2013, 132, 323-336.	3.8	41

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37	Association of Genetic Variants, Ethnicity and Preterm Birth with Amniotic Fluid Cytokine Concentrations. <i>Annals of Human Genetics</i> , 2010, 74, 165-183.	0.8	40
38	Genome-Wide Association and Linkage Study in the Amish Detects a Novel Candidate Late-Onset Alzheimer Disease Gene. <i>Annals of Human Genetics</i> , 2012, 76, 342-351.	0.8	40
39	A Polygenic and Phenotypic Risk Prediction for Polycystic Ovary Syndrome Evaluated by Phenome-Wide Association Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1918-1936.	3.6	40
40	A multi-stage genome-wide association study of uterine fibroids in African Americans. <i>Human Genetics</i> , 2017, 136, 1363-1373.	3.8	39
41	Leiomyomas in Pregnancy and Spontaneous Abortion. <i>Obstetrics and Gynecology</i> , 2017, 130, 1065-1072.	2.4	37
42	Expression Quantitative Trait Locus Mapping Studies in Mid-secretory Phase Endometrial Cells Identifies HLA-F and TAP2 as Fecundability-Associated Genes. <i>PLoS Genetics</i> , 2016, 12, e1005858.	3.5	36
43	Inverse Association of Female Hormone Replacement Therapy with Age-Related Macular Degeneration and Interactions with <i>ARMS2</i> Polymorphisms. , 2010, 51, 1873.		33
44	Interleukin 12B (IL12B) Genetic Variation and Pulmonary Tuberculosis: A Study of Cohorts from The Gambia, Guinea-Bissau, United States and Argentina. <i>PLoS ONE</i> , 2011, 6, e16656.	2.5	33
45	BET1L and TNRC6B associate with uterine fibroid risk among European Americans. <i>Human Genetics</i> , 2013, 132, 943-953.	3.8	33
46	Uterine leiomyomata and cesarean birth risk: a prospective cohort with standardized imaging. <i>Annals of Epidemiology</i> , 2014, 24, 122-126.	1.9	32
47	A Trans-Ethnic Genome-Wide Association Study of Uterine Fibroids. <i>Frontiers in Genetics</i> , 2019, 10, 511.	2.3	32
48	Progestogens for Preterm Birth Prevention. <i>Obstetrics and Gynecology</i> , 2012, 120, 897-907.	2.4	31
49	Variants in BET1L and TNRC6B associate with increasing fibroid volume and fibroid type among European Americans. <i>Human Genetics</i> , 2013, 132, 1361-1369.	3.8	28
50	Successful Aging Shows Linkage to Chromosomes 6, 7, and 14 in the Amish. <i>Annals of Human Genetics</i> , 2011, 75, 516-528.	0.8	27
51	Interpregnancy Interval After Pregnancy Loss and Risk of Repeat Miscarriage. <i>Obstetrics and Gynecology</i> , 2017, 130, 1312-1318.	2.4	26
52	Linkage and association of successful aging to the 6q25 region in large Amish kindreds. <i>Age</i> , 2013, 35, 1467-1477.	3.0	25
53	African genetic ancestry interacts with body mass index to modify risk for uterine fibroids. <i>PLoS Genetics</i> , 2017, 13, e1006871.	3.5	25
54	Week-by-week alcohol consumption in early pregnancy and spontaneous abortion risk: a prospective cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 97.e1-97.e16.	1.3	24

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55	Race/Ethnicity and the Pharmacogenetics of Reported Suicidality With Efavirenz Among Clinical Trials Participants. <i>Journal of Infectious Diseases</i> , 2017, 216, 554-564.	4.0	23
56	Association of Thyroid Function Genetic Predictors With Atrial Fibrillation. <i>JAMA Cardiology</i> , 2019, 4, 136.	6.1	23
57	Polygenic risk modeling for prediction of epithelial ovarian cancer risk. <i>European Journal of Human Genetics</i> , 2022, 30, 349-362.	2.8	23
58	Relationship between very low low-density lipoprotein cholesterol concentrations not due to statin therapy and risk of type 2 diabetes: A US-based cross-sectional observational study using electronic health records. <i>PLoS Medicine</i> , 2018, 15, e1002642.	8.4	22
59	Heritability and genome-wide association study of benign prostatic hyperplasia (BPH) in the eMERGE network. <i>Scientific Reports</i> , 2019, 9, 6077.	3.3	21
60	Enhancing Uterine Fibroid Research Through Utilization of Biorepositories Linked to Electronic Medical Record Data. <i>Journal of Women's Health</i> , 2014, 23, 1027-1032.	3.3	20
61	A genome-wide association study meta-analysis of clinical fracture in 10,012 African American women. <i>Bone Reports</i> , 2016, 5, 233-242.	0.4	20
62	Validation of maternal recall of early pregnancy medication exposure using prospective diary data. <i>Annals of Epidemiology</i> , 2017, 27, 135-139.e2.	1.9	19
63	Maternal Western-style diet affects offspring islet composition and function in a non-human primate model of maternal over-nutrition. <i>Molecular Metabolism</i> , 2019, 25, 73-82.	6.5	19
64	Genome-Wide Association Study of Serum Creatinine Levels during Vancomycin Therapy. <i>PLoS ONE</i> , 2015, 10, e0127791.	2.5	19
65	Polymorphisms in maternal and fetal genes encoding for proteins involved in extracellular matrix metabolism alter the risk for small-for-gestational-age. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 362-380.	1.5	17
66	Genetic Determinants of Pelvic Organ Prolapse among African American and Hispanic Women in the Women's Health Initiative. <i>PLoS ONE</i> , 2015, 10, e0141647.	2.5	17
67	Evidence of selection as a cause for racial disparities in fibroproliferative disease. <i>PLoS ONE</i> , 2017, 12, e0182791.	2.5	17
68	MCP1 SNPs and Pulmonary Tuberculosis in Cohorts from West Africa, the USA and Argentina: Lack of Association or Epistasis with IL12B Polymorphisms. <i>PLoS ONE</i> , 2012, 7, e32275.	2.5	16
69	Analysis of potential protein-modifying variants in 9000 endometriosis patients and 150000 controls of European ancestry. <i>Scientific Reports</i> , 2017, 7, 11380.	3.3	16
70	Characterizing the Clinical and Genetic Spectrum of Polycystic Ovary Syndrome in Electronic Health Records. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 153-167.	3.6	16
71	Gene-based evaluation of low-frequency variation and genetically-predicted gene expression impacting risk of keloid formation. <i>Annals of Human Genetics</i> , 2018, 82, 206-215.	0.8	15
72	Equity in Health: Consideration of Race and Ethnicity in Precision Medicine. <i>Trends in Genetics</i> , 2020, 36, 807-809.	6.7	14

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73	Transethnic and race-stratified genome-wide association study of fibroid characteristics in African American and European American women. <i>Fertility and Sterility</i> , 2018, 110, 737-745.e34.	1.0	12
74	Cross-Cancer Genome-Wide Association Study of Endometrial Cancer and Epithelial Ovarian Cancer Identifies Genetic Risk Regions Associated with Risk of Both Cancers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 217-228.	2.5	12
75	Progestogens for preterm birth prevention: a systematic review and meta-analysis by drug route. <i>Archives of Gynecology and Obstetrics</i> , 2013, 287, 1059-1066.	1.7	11
76	Admixture mapping of uterine fibroid size and number in African American women. <i>Fertility and Sterility</i> , 2017, 108, 1034-1042.e26.	1.0	11
77	Western-style diet consumption impairs maternal insulin sensitivity and glucose metabolism during pregnancy in a Japanese macaque model. <i>Scientific Reports</i> , 2021, 11, 12977.	3.3	11
78	Phenotyping clinical disorders: lessons learned from pelvic organ prolapse. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, 360-365.	1.3	10
79	Racial differences in risk of spontaneous abortions associated with periconceptional over-the-counter nonsteroidal anti-inflammatory drug exposure. <i>Annals of Epidemiology</i> , 2014, 24, 111-115.e1.	1.9	10
80	What Results Should Be Returned from Opportunistic Screening in Translational Research?. <i>Journal of Personalized Medicine</i> , 2020, 10, 13.	2.5	10
81	<i>PTX3</i> Genetic Variation and Dizygotic Twinning in The Gambia: Could Pleiotropy with Innate Immunity Explain Common Dizygotic Twinning in Africa?. <i>Annals of Human Genetics</i> , 2012, 76, 454-463.	0.8	9
82	First-trimester antihistamine exposure and risk of spontaneous abortion or preterm birth. <i>Pharmacoepidemiology and Drug Safety</i> , 2014, 23, 1043-1050.	1.9	9
83	Gestational Age at Arrest of Development: An Alternative Approach for Assigning Time at Risk in Studies of Time-Varying Exposures and Miscarriage. <i>American Journal of Epidemiology</i> , 2019, 188, 570-578.	3.4	9
84	Evidence that geographic variation in genetic ancestry associates with uterine fibroids. <i>Human Genetics</i> , 2021, 140, 1433-1440.	3.8	9
85	Evaluating risk factors for differences in fibroid size and number using a large electronic health record population. <i>Maturitas</i> , 2018, 114, 9-13.	2.4	8
86	Evaluating the role of race and medication in protection of uterine fibroids by type 2 diabetes exposure. <i>BMC Women's Health</i> , 2017, 17, 28.	2.0	7
87	Uterine fibroids and risk of preterm birth by clinical subtypes: a prospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 560.	2.4	7
88	Analyses of germline variants associated with ovarian cancer survival identify functional candidates at the 1q22 and 19p12 outcome loci. <i>Oncotarget</i> , 2017, 8, 64670-64684.	1.8	7
89	Association of gene coding variation and resting metabolic rate in a multi-ethnic sample of children and adults. <i>BMC Obesity</i> , 2017, 4, 12.	3.1	6
90	Association between First Trimester Antidepressant Use and Risk of Spontaneous Abortion. <i>Pharmacotherapy</i> , 2019, 39, 889-898.	2.6	6

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91	Evaluation of vitamin D biosynthesis and pathway target genes reveals UGT2A1/2 and EGFR polymorphisms associated with epithelial ovarian cancer in African American Women. <i>Cancer Medicine</i> , 2019, 8, 2503-2513.	2.8	6
92	Estimating Uterine Fibroid SNP-Based Heritability in European American Women with Imaging-Confirmed Fibroids. <i>Human Heredity</i> , 2019, 84, 73-81.	0.8	5
93	Determinants of stage at diagnosis of HPV-related cancer including area deprivation and clinical factors. <i>Journal of Public Health</i> , 2022, 44, 18-27.	1.8	5
94	Admixture mapping of pelvic organ prolapse in African Americans from the Women's Health Initiative Hormone Therapy trial. <i>PLoS ONE</i> , 2017, 12, e0178839.	2.5	4
95	Association of uterine fibroids with birthweight and gestational age. <i>Annals of Epidemiology</i> , 2020, 50, 35-40.e2.	1.9	4
96	Learning to Identify Severe Maternal Morbidity from Electronic Health Records. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 143-147.	0.3	4
97	Uterine fibroid polygenic risk score (PRS) associates and predicts risk for uterine fibroid. <i>Human Genetics</i> , 2022, 141, 1739-1748.	3.8	4
98	The Relationship between Total Fibroid Burden and First Trimester Bleeding and Pain. <i>Paediatric and Perinatal Epidemiology</i> , 2016, 30, 115-123.	1.7	3
99	Racial and Ethnic Variation in Genetic Susceptibility: Are Disparities in Infertility Prevalence and Outcomes more than Black and White?. <i>Reproductive Sciences</i> , 2022, 29, 2081-2083.	2.5	3
100	Association of Apparent Treatment-Resistant Hypertension With Differential Risk of End-Stage Kidney Disease Across Racial Groups in the Million Veteran Program. <i>Hypertension</i> , 2021, 78, 376-386.	2.7	2
101	Nonsteroidal Anti-inflammatory Drug Interaction with Prostacyclin Synthase Protects from Miscarriage. <i>Scientific Reports</i> , 2017, 7, 9874.	3.3	1
102	THE AUTHORS REPLY. <i>American Journal of Epidemiology</i> , 2018, 187, 1133-1134.	3.4	1
103	Learning the impact of acute and chronic diseases on forecasting neonatal encephalopathy. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 211, 106397.	4.7	1
104	Associations of biogeographic ancestry with hypertension traits. <i>Journal of Hypertension</i> , 2021, 39, 633-642.	0.5	1
105	Leveraging Electronic Health Records to Learn Progression Path for Severe Maternal Morbidity. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 148-152.	0.3	1
106	Genetic Sex Effects of Polycystic Ovary Syndrome Reveal Distinct Metabolic Etiology. <i>Journal of the Endocrine Society</i> , 2021, 5, A766-A766.	0.2	0
107	SAT-024 Investigating Racial and Ethnic Comorbidity Patterns of Polycystic Ovary Syndrome. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0