

# Jessica D Faul

## List of Publications by Year in descending order

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Version: 2024-02-01

89  
papers

17,943  
citations

44042

48  
h-index

43868

91  
g-index

109  
all docs

109  
docs citations

109  
times ranked

25941  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
2	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. <i>Nature Genetics</i> , 2019, 51, 237-244.	9.4	1,307
3	Cohort Profile: the Health and Retirement Study (HRS). <i>International Journal of Epidemiology</i> , 2014, 43, 576-585.	0.9	1,250
4	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	13.7	1,204
5	Genetic variants associated with subjective well-being, depressive symptoms, and neuroticism identified through genome-wide analyses. <i>Nature Genetics</i> , 2016, 48, 624-633.	9.4	870
6	GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment. <i>Science</i> , 2013, 340, 1467-1471.	6.0	750
7	A Comparison of the Prevalence of Dementia in the United States in 2000 and 2012. <i>JAMA Internal Medicine</i> , 2017, 177, 51.	2.6	611
8	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	13.7	544
9	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	5.8	484
10	Improving Quality of Care for Acute Myocardial Infarction<SUBTITLE>The Guidelines Applied in Practice (GAP) Initiative</SUBTITLE>. <i>JAMA - Journal of the American Medical Association</i> , 2002, 287, 1269.	3.8	441
11	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	5.8	412
12	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. <i>Nature Genetics</i> , 2015, 47, 1294-1303.	9.4	357
13	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.	9.4	286
14	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	9.4	284
15	GWAS of Longevity in CHARGE Consortium Confirms APOE and FOXO3 Candidacy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 110-118.	1.7	250
16	Guideline-Based Standardized Care Is Associated With Substantially Lower Mortality in Medicare Patients With Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1242-1248.	1.2	231
17	Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016, 48, 1162-1170.	9.4	223
18	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , The, 2016, 15, 174-184.	4.9	217

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19	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals. <i>Nature Genetics</i> , 2022, 54, 437-449.	9.4	215
20	Mechanisms for Racial and Ethnic Disparities in Glycemic Control in Middle-aged and Older Americans in the Health and Retirement Study. <i>Archives of Internal Medicine</i> , 2007, 167, 1853.	4.3	204
21	What is a representative brain? Neuroscience meets population science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17615-17622.	3.3	198
22	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.	2.6	189
23	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	13.7	183
24	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
25	Mental work demands, retirement, and longitudinal trajectories of cognitive functioning. <i>Journal of Occupational Health Psychology</i> , 2014, 19, 231-242.	2.3	172
26	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	5.8	169
27	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	1.5	158
28	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	2.6	123
29	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	9.4	112
30	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13366-13371.	3.3	110
31	Enhancing quality of care for acute myocardial infarction: shifting the focus of improvement from key indicators to process of care and tool use. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2166-2173.	1.2	101
32	GENOME-WIDE ASSOCIATION STUDY (GWAS) AND GENOME-WIDE BY ENVIRONMENT INTERACTION STUDY (GWEIS) OF DEPRESSIVE SYMPTOMS IN AFRICAN AMERICAN AND HISPANIC/LATINA WOMEN. <i>Depression and Anxiety</i> , 2016, 33, 265-280.	2.0	99
33	Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. <i>PLoS Genetics</i> , 2017, 13, e1006719.	1.5	98
34	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	1.1	94
35	Associations of Age, Sex, Race/Ethnicity, and Education With 13 Epigenetic Clocks in a Nationally Representative U.S. Sample: The Health and Retirement Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1117-1123.	1.7	93
36	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.	9.4	91

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37	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.	1.5	88
38	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
39	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017, 82, 322-329.	0.7	84
40	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
41	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. <i>Molecular Psychiatry</i> , 2020, 25, 2392-2409.	4.1	83
42	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	6.2	75
43	Exome Chip Meta-analysis Fine Maps Causal Variants and Elucidates the Genetic Architecture of Rare Coding Variants in Smoking and Alcohol Use. <i>Biological Psychiatry</i> , 2019, 85, 946-955.	0.7	69
44	Validation of Blood-Based Assays Using Dried Blood Spots for Use in Large Population Studies. <i>Biodemography and Social Biology</i> , 2014, 60, 38-48.	0.4	64
45	Dementia Diagnosis Disparities by Race and Ethnicity. <i>Medical Care</i> , 2021, 59, 679-686.	1.1	64
46	The association between guideline-based treatment instructions at the point of discharge and lower 1-year mortality in Medicare patients after acute myocardial infarction: The American College of Cardiology's Guidelines Applied in Practice (GAP) initiative in Michigan. <i>American Heart Journal</i> , 2007, 154, 461-469.	1.2	61
47	The association between lower educational attainment and depression owing to shared genetic effects? Results in ~25%000 subjects. <i>Molecular Psychiatry</i> , 2015, 20, 735-743.	4.1	59
48	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. <i>Human Molecular Genetics</i> , 2015, 24, 3582-3594.	1.4	53
49	<sc>GWAS</sc> analysis of handgrip and lower body strength in older adults in the <sc>CHARGE</sc> consortium. <i>Aging Cell</i> , 2016, 15, 792-800.	3.0	51
50	Proxy interviews and bias in cognition measures due to non-response in longitudinal studies: a comparison of HRS and ELSA. <i>Longitudinal and Life Course Studies</i> , 2011, 2, 170-184.	0.3	50
51	SOS2 and ACP1 Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 981-994.	3.0	39
52	Sex Differences in the Application of Evidence-Based Therapies for the Treatment of Acute Myocardial Infarction. <i>Archives of Internal Medicine</i> , 2006, 166, 1164.	4.3	37
53	Racial and Ethnic Differences in Knowledge About One's Dementia Status. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 1763-1770.	1.3	32
54	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	1.4	31

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55	Age-Related Differences in T-Cell Subsets in a Nationally Representative Sample of People Older Than Age 55: Findings From the Health and Retirement Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 927-933.	1.7	31
56	Quest for a summary measure of biological age: the health and retirement study. <i>GeroScience</i> , 2021, 43, 395-408.	2.1	30
57	Effect of delayed cell processing and cryopreservation on immunophenotyping in multicenter population studies. <i>Journal of Immunological Methods</i> , 2018, 463, 61-70.	0.6	27
58	Dried blood spots: Effects of less than optimal collection, shipping time, heat, and humidity. <i>American Journal of Human Biology</i> , 2020, 32, e23390.	0.8	27
59	Racial and Ethnic Differences in Hospice Use and Hospitalizations at End-of-Life Among Medicare Beneficiaries With Dementia. <i>JAMA Network Open</i> , 2022, 5, e2216260.	2.8	27
60	A Practical Cryopreservation and Staining Protocol for Immunophenotyping in Population Studies. <i>Current Protocols in Cytometry</i> , 2018, 84, e35.	3.7	26
61	Estimating Telomere Length Heritability in an Unrelated Sample of Adults: Is Heritability of Telomere Length Modified by Life Course Socioeconomic Status?. <i>Biodemography and Social Biology</i> , 2016, 62, 73-86.	0.4	22
62	How Does Subjective Age Get "Under the Skin"? The Association Between Biomarkers and Feeling Older or Younger Than One's Age: The Health and Retirement Study. <i>Innovation in Aging</i> , 2019, 3, igz035.	0.0	21
63	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017, 9, 209-246.	1.4	21
64	A Rapid-Cycle Collaborative Model to Promote Guidelines for Acute Myocardial Infarction. <i>Joint Commission Journal on Quality and Safety</i> , 2003, 29, 468-478.	1.3	20
65	Role of extracellular ionized calcium in the in vitro assessment of GPIIb/IIIa receptor antagonists. <i>Journal of Thrombosis and Thrombolysis</i> , 2000, 9, 23-28.	1.0	19
66	The Effect of Childhood Socioeconomic Position and Social Mobility on Cognitive Function and Change Among Older Adults: A Comparison Between the United States and England. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, S51-S63.	2.4	19
67	Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. <i>American Journal of Human Genetics</i> , 2021, 108, 564-582.	2.6	18
68	Somatic, positive and negative domains of the Center for Epidemiological Studies Depression (CES-D) scale: a meta-analysis of genome-wide association studies. <i>Psychological Medicine</i> , 2016, 46, 1613-1623.	2.7	17
69	Considering the APOE locus in Alzheimer's disease polygenic scores in the Health and Retirement Study: a longitudinal panel study. <i>BMC Medical Genomics</i> , 2020, 13, 164.	0.7	17
70	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	4.1	17
71	Personality Polygenes, Positive Affect, and Life Satisfaction. <i>Twin Research and Human Genetics</i> , 2016, 19, 407-417.	0.3	16
72	The burden of health conditions across race and ethnicity for aging Americans. <i>Medicine (United States)</i> , 2021, 100, e23390.	0.4	15

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73	Genetic diversity is a predictor of mortality in humans. <i>BMC Genetics</i> , 2014, 15, 159.	2.7	12
74	Genetic effects and gene-by-education interactions on episodic memory performance and decline in an aging population. <i>Social Science and Medicine</i> , 2021, 271, 112039.	1.8	12
75	Development and validation of prediction model to estimate 10-year risk of all-cause mortality using modern statistical learning methods: a large population-based cohort study and external validation. <i>BMC Medical Research Methodology</i> , 2021, 21, 8.	1.4	12
76	Interaction between Social/Psychosocial Factors and Genetic Variants on Body Mass Index: A Gene-Environment Interaction Analysis in a Longitudinal Setting. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1153.	1.2	11
77	Validation of a hybrid approach to standardize immunophenotyping analysis in large population studies: The Health and Retirement Study. <i>Scientific Reports</i> , 2020, 10, 8759.	1.6	9
78	Genome-wide association study of cognitive function in diverse Hispanics/Latinos: results from the Hispanic Community Health Study/Study of Latinos. <i>Translational Psychiatry</i> , 2020, 10, 245.	2.4	9
79	Muscle weakness is a prognostic indicator of disability and chronic disease multimorbidity. <i>Experimental Gerontology</i> , 2021, 152, 111462.	1.2	9
80	Associations between variability of risk factors and health outcomes in longitudinal studies. <i>Statistics in Medicine</i> , 2012, 31, 2745-2756.	0.8	8
81	Cumulative Genetic Risk and APOE $\epsilon$ 4 Are Independently Associated With Dementia Status in a Multiethnic, Population-Based Cohort. <i>Neurology: Genetics</i> , 2021, 7, e576.	0.9	7
82	Correlation between the in vivo Efficacy of GPIIb/IIIa Receptor Antagonists (m7E3, MK-383 and DMP-728) and ex vivo Platelet Inhibition. <i>Pharmacology</i> , 1999, 58, 252-264.	0.9	5
83	Gene-by-Psychosocial Factor Interactions Influence Diastolic Blood Pressure in European and African Ancestry Populations: Meta-Analysis of Four Cohort Studies. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1596.	1.2	5
84	Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100013.	1.0	2
85	Genomic data measures and methods: a primer for social scientists. , 2021, , 49-62.		2
86	Phenotypic and genetic markers of psychopathology in a population-based sample of older adults. <i>Translational Psychiatry</i> , 2021, 11, 239.	2.4	2
87	Large-Scale Genomic Analyses Link Reproductive Aging to Hypothalamic Signaling, Breast Cancer Susceptibility, and BRCA1-Mediated DNA Repair. <i>Obstetrical and Gynecological Survey</i> , 2015, 70, 758-762.	0.2	0
88	Lifestyle and genetic risk: Revisiting the association with incident dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, e044220.	0.4	0
89	Trans-ethnic Meta-analysis of Interactions between Genetics and Early Life Socioeconomic Context on Memory Performance and Decline in Older Americans. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .	1.7	0