Burcu F Darst

List of Publications by Year
in descending order

47	2,167	331670	243625
papers	citations	21	44
		h-index	g-index

56	56	56	4563
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Rare Germline HOXB13 Variant Contributes to Risk of Prostate Cancer in Men of African Ancestry. European Urology, 2022, 81, 458-462.	1.9	22
2	Association Between a 22-feature Genomic Classifier and Biopsy Gleason Upgrade During Active Surveillance for Prostate Cancer. European Urology Open Science, 2022, 37, 113-119.	0.4	10
3	Multi-ethnic GWAS and fine-mapping of glycaemic traits identify novel loci in the PAGE Study. Diabetologia, 2022, 65, 477-489.	6.3	15
4	Including diverse and admixed populations in genetic epidemiology research. Genetic Epidemiology, 2022, 46, 347-371.	1.3	11
5	Findings from a Genetic Sequencing Investigation of Men with Familial and Aggressive Prostate Cancer. European Urology, 2021, 79, 362-363.	1.9	2
6	Germline Sequencing DNA Repair Genes in 5545 Men With Aggressive and Nonaggressive Prostate Cancer. Journal of the National Cancer Institute, 2021, 113, 616-625.	6.3	40
7	Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. Nature Genetics, 2021, 53, 65-75.	21.4	264
8	Sign-based Shrinkage Based on an Asymmetric LASSO Penalty. Journal of Data Science, 2021, 19, 429-449.	0.9	1
9	Cerebrospinal fluid metabolomics identifies 19 brain-related phenotype associations. Communications Biology, 2021, 4, 63.	4.4	28
10	Metabolites Associated with Early Cognitive Changes Implicated in Alzheimer's Disease. Journal of Alzheimer's Disease, 2021, 79, 1041-1054.	2.6	4
11	Genetic discovery and risk characterization in type 2 diabetes across diverse populations. Human Genetics and Genomics Advances, 2021, 2, 100029.	1.7	23
12	Genome-wide association study of pancreatic fat: The Multiethnic Cohort Adiposity Phenotype Study. PLoS ONE, 2021, 16, e0249615.	2.5	2
13	Combined Effect of a Polygenic Risk Score and Rare Genetic Variants on Prostate Cancer Risk. European Urology, 2021, 80, 134-138.	1.9	39
14	CSF metabolites associate with CSF tau and improve prediction of Alzheimer's disease status. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12167.	2.4	2
15	Genetic variants predictive of chemotherapy-induced peripheral neuropathy symptoms in gynecologic cancer survivors. Gynecologic Oncology, 2021, 163, 578-582.	1.4	2
16	The Four-Kallikrein Panel Is Effective in Identifying Aggressive Prostate Cancer in a Multiethnic Population. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1381-1388.	2.5	22
17	A Germline Variant at 8q24 Contributes to Familial Clustering of Prostate Cancer in Men of African Ancestry. European Urology, 2020, 78, 316-320.	1.9	32
18	Integrated analysis of genomics, longitudinal metabolomics, and Alzheimer's risk factors among 1,111 cohort participants. Genetic Epidemiology, 2019, 43, 657-674.	1.3	41

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19	Longitudinal plasma metabolomics of aging and sex. Aging, 2019, 11, 1262-1282.	3.1	115
20	Carrier frequency estimation of Zellweger spectrum disorder using ExAC database and bioinformatics tools. Genetics in Medicine, 2019, 21, 1969-1976.	2.4	10
21	<i>KLOTHO</i> heterozygosity attenuates <i>APOE4</i> -related amyloid burden in preclinical AD. Neurology, 2019, 92, e1878-e1889.	1.1	40
22	The effect of rare variants in TREM2 and PLD3 on longitudinal cognitive function in the Wisconsin Registry for Alzheimer's Prevention. Neurobiology of Aging, 2018, 66, 177.e1-177.e5.	3.1	18
23	O3â€03â€05: INTEGRATIVE NETWORK ANALYSIS IDENTIFIES RELATIONSHIPS BETWEEN METABOLOMICS, GENOMICS, AND RISK FACTORS FOR AD. Alzheimer's and Dementia, 2018, 14, P1016.	0.8	0
24	O3â€06â€03: TISSUEâ€SPECIFIC POLYGENIC RISK SCORES PREDICT AMYLOID BIOMARKERS. Alzheimer's and Dementia, 2018, 14, P1026.	0.8	0
25	The gut microbiota-derived metabolite trimethylamine N-oxide is elevated in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2018, 10, 124.	6.2	273
26	Data mining and machine learning approaches for the integration of genome-wide association and methylation data: methodology and main conclusions from GAW20. BMC Genetics, 2018, 19, 76.	2.7	2
27	Using recursive feature elimination in random forest to account for correlated variables in high dimensional data. BMC Genetics, 2018, 19, 65.	2.7	222
28	<i>BDNF</i> Val66Met predicts cognitive decline in the Wisconsin Registry for Alzheimer's Prevention. Neurology, 2017, 88, 2098-2106.	1.1	52
29	Cardiorespiratory fitness alters the influence of a polygenic risk score on biomarkers of AD. Neurology, 2017, 88, 1650-1658.	1.1	35
30	Macrovascular and microvascular cerebral blood flow in adults at risk for Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 48-55.	2.4	31
31	Patient perspectives on whole-genome sequencing for undiagnosed diseases. Personalized Medicine, 2017, 14, 17-25.	1.5	8
32	[O2â€"02â€"01]: PRELIMINARY FINDINGS FROM AN ONGOING LONGITUDINAL METABOLOMEâ€WIDE ASSOCIATION STUDY OF COGNITIVE DECLINE IN HEALTHY ADULTS WITH INCREASED RISK FOR ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P551.	0.8	0
33	Pathway-Specific Polygenic Risk Scores as Predictors of Amyloid-Î² Deposition and Cognitive Function in a Sample at Increased Risk for Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2016, 55, 473-484.	2.6	93
34	Transmission and decorrelation methods for detecting rare variants using sequencing data from related individuals. BMC Proceedings, 2016, 10, 203-207.	1.6	1
35	Prioritization of family member sequencing for the detection of rare variants. BMC Proceedings, 2016, 10, 227-231.	1.6	1
36	Dyslexia and language impairment associated genetic markers influence cortical thickness and white matter in typically developing children. Brain Imaging and Behavior, 2016, 10, 272-282.	2.1	27

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37	P4-004: Cardiorespiratory capacity modifies the association between a polygenic risk score and CSF biomarkers in preclinical Alzheimer's disease. , 2015, 11, P766-P766.		1
38	P4-193: Effect of TREM2 and PLD3 in an Alzheimer's disease family history cohort: The wisconsin registry for Alzheimer's prevention (WRAP). , 2015, 11, P854-P854.		0
39	Heritability of Cognitive Traits Among Siblings with a Parental History of Alzheimer's Disease. Journal of Alzheimer's Disease, 2015, 45, 1149-1155.	2.6	11
40	A genome sequencing program for novel undiagnosed diseases. Genetics in Medicine, 2015, 17, 995-1001.	2.4	32
41	IC-P-044: Cardiorespiratory capacity modifies the association between a polygenic risk score and CSF biomarkers in preclinical Alzheimer's disease. , 2015, 11, P37-P38.		0
42	Candidate SNP Associations of Optimism and Resilience in Older Adults: Exploratory Study of 935 Community-Dwelling Adults. American Journal of Geriatric Psychiatry, 2014, 22, 997-1006.e5.	1.2	23
43	Characteristics of Genomic Test Consumers Who Spontaneously Share Results With Their Health Care Provider. Health Communication, 2014, 29, 105-108.	3.1	28
44	Impact of direct-to-consumer genomic testing at long term follow-up. Journal of Medical Genetics, 2013, 50, 393-400.	3.2	125
45	Long-term influence of normal variation in neonatal characteristics on human brain development. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20089-20094.	7.1	158
46	Multimodal imaging of the self-regulating developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19620-19625.	7.1	192
47	Direct-to-consumer personalized genomic testing. Human Molecular Genetics, 2011, 20, R132-R141.	2.9	84