

Jan Bressler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/755310/publications.pdf>

Version: 2024-02-01

72
papers

3,752
citations

218677

26
h-index

155660

55
g-index

77
all docs

77
docs citations

77
times ranked

6598
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436.	21.4	700
2	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
3	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016, 17, 255.	8.8	251
4	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. <i>PLoS Medicine</i> , 2017, 14, e1002215.	8.4	246
5	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017, 101, 888-902.	6.2	154
6	Epigenome-wide study identifies novel methylation loci associated with body mass index and waist circumference. <i>Obesity</i> , 2015, 23, 1493-1501.	3.0	152
7	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019, 140, 645-657.	1.6	151
8	Prospective Study of Epigenetic Age Acceleration and Incidence of Cardiovascular Disease Outcomes in the ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001937.	3.6	97
9	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons. <i>JAMA Psychiatry</i> , 2018, 75, 949.	11.0	78
10	Risk of Type 2 Diabetes and Obesity Is Differentially Associated with Variation in FTO in Whites and African-Americans in the ARIC Study. <i>PLoS ONE</i> , 2010, 5, e10521.	2.5	70
11	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018, 23, 2133-2144.	7.9	68
12	Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Biological Psychiatry</i> , 2015, 77, 749-763.	1.3	67
13	Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. <i>Genome Medicine</i> , 2020, 12, 84.	8.2	63
14	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019, 10, 2581.	12.8	62
15	Seafood Consumption and Blood Mercury Concentrations in Jamaican Children With and Without Autism Spectrum Disorders. <i>Neurotoxicity Research</i> , 2013, 23, 22-38.	2.7	59
16	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. <i>Environment International</i> , 2019, 132, 104723.	10.0	58
17	Clinical, Pathological, and Molecular Characteristics of CpG Island Methylator Phenotype in Colorectal Cancer: A Systematic Review and Meta-analysis. <i>Translational Oncology</i> , 2018, 11, 1188-1201.	3.7	57
18	The role of drinking water sources, consumption of vegetables and seafood in relation to blood arsenic concentrations of Jamaican children with and without Autism Spectrum Disorders. <i>Science of the Total Environment</i> , 2012, 433, 362-370.	8.0	54

#	ARTICLE	IF	CITATIONS
19	Genetic Variants Identified in a European Genome-Wide Association Study That Were Found to Predict Incident Coronary Heart Disease in the Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , 2010, 171, 14-23.	3.4	46
20	Cerebral white matter hyperintensities on MRI and acceleration of epigenetic aging: the atherosclerosis risk in communities study. <i>Clinical Epigenetics</i> , 2017, 9, 21.	4.1	45
21	Concentration of Lead, Mercury, Cadmium, Aluminum, Arsenic and Manganese in Umbilical Cord Blood of Jamaican Newborns. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 4481-4501.	2.6	44
22	Maternal and Paternal Age are Jointly Associated with Childhood Autism in Jamaica. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 1928-1938.	2.7	34
23	Role of Metabolic Genes in Blood Arsenic Concentrations of Jamaican Children with and without Autism Spectrum Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 7874-7895.	2.6	30
24	Blood Lead Concentrations in Jamaican Children with and without Autism Spectrum Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 83-105.	2.6	30
25	Synergic effect of GSTP1 and blood manganese concentrations in Autism Spectrum Disorder. <i>Research in Autism Spectrum Disorders</i> , 2015, 18, 73-82.	1.5	30
26	Blood manganese concentrations in Jamaican children with and without autism spectrum disorders. <i>Environmental Health</i> , 2014, 13, 69.	4.0	29
27	Sequence variation in telomerase reverse transcriptase (TERT) as a determinant of risk of cardiovascular disease: the Atherosclerosis Risk in Communities (ARIC) study. <i>BMC Medical Genetics</i> , 2015, 16, 52.	2.1	28
28	Fat mass and obesity gene and cognitive decline. <i>Neurology</i> , 2013, 80, 92-99.	1.1	26
29	Maternal Exposures Associated with Autism Spectrum Disorder in Jamaican Children. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 2766-2778.	2.7	24
30	Blood DNA Methylation and Incident Coronary Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 1237.	6.1	24
31	Global DNA methylation and risk of subclinical atherosclerosis in young adults: The Pathobiological Determinants of Atherosclerosis in Youth (PDAY) study. <i>Atherosclerosis</i> , 2011, 219, 958-962.	0.8	23
32	Role of fruits, grains, and seafood consumption in blood cadmium concentrations of Jamaican children with and without Autism Spectrum Disorder. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 1134-1145.	1.5	22
33	Interaction between GSTT1 and GSTP1 allele variants as a risk modulating-factor for autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2015, 12, 1-9.	1.5	22
34	Interaction between the NOS3 Gene and Obesity as a Determinant of Risk of Type 2 Diabetes: The Atherosclerosis Risk in Communities Study. <i>PLoS ONE</i> , 2013, 8, e79466.	2.5	20
35	Global differences in the prevalence of the CpG island methylator phenotype of colorectal cancer. <i>BMC Cancer</i> , 2019, 19, 964.	2.6	20
36	Interaction between a mixture of heavy metals (lead, mercury, arsenic, cadmium, manganese, aluminum) and GSTP1, GSTT1, and GSTM1 in relation to autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , 2020, 79, 101681.	1.5	20

#	ARTICLE	IF	CITATIONS
37	Plasma amyloid β levels are driven by genetic variants near <i>APOE</i> , <i>BACE1</i> , <i>APP</i> , <i>PSEN2</i> : A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021, 17, 1663-1674.	0.8	20
38	Role of Metabolic Genes in Blood Aluminum Concentrations of Jamaican Children with and without Autism Spectrum Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1095.	2.6	19
39	Genetic variants associated with risk of Alzheimer's disease contribute to cognitive change in midlife: The Atherosclerosis Risk in Communities Study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 269-282.	1.7	19
40	Whole exome sequence-based association analyses of plasma amyloid- β in African and European Americans; the Atherosclerosis Risk in Communities-Neurocognitive Study. <i>PLoS ONE</i> , 2017, 12, e0180046.	2.5	18
41	Interaction between manganese and <i>GSTP1</i> in relation to autism spectrum disorder while controlling for exposure to mixture of lead, mercury, arsenic, and cadmium. <i>Research in Autism Spectrum Disorders</i> , 2018, 55, 50-63.	1.5	18
42	A generalized weighted quantile sum approach for analyzing correlated data in the presence of interactions. <i>Biometrical Journal</i> , 2019, 61, 934-954.	1.0	18
43	The <i>INSIG2</i> rs7566605 genetic variant does not play a major role in obesity in a sample of 24,722 individuals from four cohorts. <i>BMC Medical Genetics</i> , 2009, 10, 56.	2.1	17
44	Concentrations of Lead, Mercury, Arsenic, Cadmium, Manganese, and Aluminum in Blood of Romanian Children Suspected of Having Autism Spectrum Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2303.	2.6	17
45	Leukocyte Traits and Exposure to Ambient Particulate Matter Air Pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. <i>Environmental Health Perspectives</i> , 2020, 128, 17004.	6.0	17
46	Epidemiology and Molecular-Pathologic Characteristics of CpG Island Methylator Phenotype (CIMP) in Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2021, 20, 137-147.e1.	2.3	17
47	Association of polychlorinated biphenyls and organochlorine pesticides with autism spectrum disorder in Jamaican children. <i>Research in Autism Spectrum Disorders</i> , 2020, 76, 101587.	1.5	16
48	The diagnosis of autism and autism spectrum disorder in low- and middle-income countries: Experience from Jamaica. <i>Autism</i> , 2017, 21, 564-572.	4.1	15
49	Epigenetic Age Acceleration and Cognitive Function in African American Adults in Midlife: The Atherosclerosis Risk in Communities Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 473-480.	3.6	15
50	Incident Heart Failure and Cognitive Decline: The Atherosclerosis Risk in Communities Study. <i>Journal of Cardiac Failure</i> , 2017, 23, 47-55.	1.7	11
51	Concentrations of Polychlorinated Biphenyls and Organochlorine Pesticides in Umbilical Cord Blood Serum of Newborns in Kingston, Jamaica. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1032.	2.6	10
52	Imputation of missing covariate values in epigenome-wide analysis of DNA methylation data. <i>Epigenetics</i> , 2016, 11, 132-139.	2.7	10
53	Associations of Metabolic Genes (<i>GSTT1</i> , <i>GSTP1</i> , <i>GSTM1</i>) and Blood Mercury Concentrations Differ in Jamaican Children with and without Autism Spectrum Disorder. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1377.	2.6	10
54	Factors associated with blood lead concentrations of children in Jamaica. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 529-39.	1.7	10

#	ARTICLE	IF	CITATIONS
55	Perinatal Factors Associated with Autism Spectrum Disorder in Jamaican Children. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 3341-3357.	2.7	8
56	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , 2021, 12, 7173.	12.8	8
57	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. <i>Environmental Research</i> , 2022, 212, 113360.	7.5	7
58	Methylome-wide association study of central adiposity implicates genes involved in immune and endocrine systems. <i>Epigenomics</i> , 2020, 12, 1483-1499.	2.1	6
59	Epigenome-wide association study of mitochondrial genome copy number. <i>Human Molecular Genetics</i> , 2021, 31, 309-319.	2.9	6
60	Interaction of Blood Manganese Concentrations with GSTT1 in Relation to Autism Spectrum Disorder in Jamaican Children. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 1953-1965.	2.7	5
61	Correlation between concentrations of four heavy metals in cord blood and childhood blood of Jamaican children. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 1196-1205.	1.7	5
62	Epigenetically mediated electrocardiographic manifestations of sub-chronic exposures to ambient particulate matter air pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. <i>Environmental Research</i> , 2021, 198, 111211.	7.5	4
63	Identification of novel and rare variants associated with handgrip strength using whole genome sequence data from the NHLBI Trans-Omics in Precision Medicine (TOPMed) Program. <i>PLoS ONE</i> , 2021, 16, e0253611.	2.5	4
64	Association of sickle cell trait with measures of cognitive function and dementia in African Americans. <i>ENeurologicalSci</i> , 2019, 16, 100201.	1.3	3
65	Additive and Interactive Associations of Environmental and Sociodemographic Factors with the Genotypes of Three Glutathione S-Transferase Genes in Relation to the Blood Arsenic Concentrations of Children in Jamaica. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 466.	2.6	3
66	Blood metabolites predicting mild cognitive impairment in the study of Latinos—investigation of neurocognitive aging (HCHS/SOL). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12259.	2.4	3
67	Midlife determinants of healthy cardiovascular aging: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2022, 350, 82-89.	0.8	3
68	The PPARC Pro12Ala Polymorphism and 20-year Cognitive Decline. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 131-136.	1.3	2
69	Association between Circulating Protein C Levels and Incident Dementia: The Atherosclerosis Risk in Communities Study. <i>Neuroepidemiology</i> , 2021, 55, 306-315.	2.3	2
70	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021, 11, 613.	4.8	2
71	Markers of kidney function, genetic variation related to cognitive function, and cognitive performance in the UK Biobank. <i>BMC Nephrology</i> , 2022, 23, 159.	1.8	2
72	Detoxification Role of Metabolic Glutathione S-Transferase (GST) Genes in Blood Lead Concentrations of Jamaican Children with and without Autism Spectrum Disorder. <i>Genes</i> , 2022, 13, 975.	2.4	2