Jan Bressler

List of Publications by Year
in descending order

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	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. International Journal of Environmental Research and Public Health, 2022, 19, 466.	2.6	3
2	Blood metabolites predicting mild cognitive impairment in the study of Latinos—investigation of neurocognitive aging (HCHS/SOL). Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2022, 14, e12259.	2.4	3
3	New insights into the genetic etiology of Alzheimer's disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
4	Markers of kidney function, genetic variation related to cognitive function, and cognitive performance in the UK Biobank. BMC Nephrology, 2022, 23, 159.	1.8	2
5	Midlife determinants of healthy cardiovascular aging: The Atherosclerosis Risk in Communities (ARIC) study. Atherosclerosis, 2022, 350, 82-89.	0.8	3
6	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. Environmental Research, 2022, 212, 113360.	7.5	7
7	Detoxification Role of Metabolic Glutathione S-Transferase (GST) Genes in Blood Lead Concentrations of Jamaican Children with and without Autism Spectrum Disorder. Genes, 2022, 13, 975.	2.4	2
8	Epidemiology and Molecular-Pathologic Characteristics of CpG Island Methylator Phenotype (CIMP) in Colorectal Cancer. Clinical Colorectal Cancer, 2021, 20, 137-147.e1.	2.3	17
9	Interaction of Blood Manganese Concentrations with GSTT1 in Relation to Autism Spectrum Disorder in Jamaican Children. Journal of Autism and Developmental Disorders, 2021, 51, 1953-1965.	2.7	5
10	Association between Circulating Protein C Levels and Incident Dementia: The Atherosclerosis Risk in Communities Study. Neuroepidemiology, 2021, 55, 306-315.	2.3	2
11	Associations of Metabolic Genes (GSTT1, GSTP1, GSTM1) and Blood Mercury Concentrations Differ in Jamaican Children with and without Autism Spectrum Disorder. International Journal of Environmental Research and Public Health, 2021, 18, 1377.	2.6	10
12	Plasma amyloid β levels are driven by genetic variants near <i>APOE, BACE1, APP, PSEN2</i>: A genome-wide association study in over 12,000 non-demented participants. Alzheimer's and Dementia, 2021, 17, 1663-1674.	0.8	20
13	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. Environmental Research, 2021, 198, 111211.	7.5	4
14	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. PLoS ONE, 2021, 16, e0253611.	2.5	4
15	Blood DNA Methylation and Incident Coronary Heart Disease. JAMA Cardiology, 2021, 6, 1237.	6.1	24
16	Epigenome-wide association study of mitochondrial genome copy number. Human Molecular Genetics, 2021, 31, 309-319.	2.9	6
17	Correlation between concentrations of four heavy metals in cord blood and childhood blood of Jamaican children. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 1196-1205.	1.7	5
18	Association of low-frequency and rare coding variants with information processing speed. Translational Psychiatry, 2021, 11, 613.	4.8	2

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19	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. Nature Communications, 2021, 12, 7173.	12.8	8
20	Perinatal Factors Associated with Autism Spectrum Disorder in Jamaican Children. Journal of Autism and Developmental Disorders, 2020, 50, 3341-3357.	2.7	8
21	Epigenetic Age Acceleration and Cognitive Function in African American Adults in Midlife: The Atherosclerosis Risk in Communities Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 473-480.	3.6	15
22	Leukocyte Traits and Exposure to Ambient Particulate Matter Air Pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. Environmental Health Perspectives, 2020, 128, 17004.	6.0	17
23	Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. Genome Medicine, 2020, 12, 84.	8.2	63
24	Association of polychlorinated biphenyls and organochlorine pesticides with autism spectrum disorder in Jamaican children. Research in Autism Spectrum Disorders, 2020, 76, 101587.	1.5	16
25	Interaction between a mixture of heavy metals (lead, mercury, arsenic, cadmium, manganese, aluminum) and GSTP1, GSTT1, and GSTM1 in relation to autism spectrum disorder. Research in Autism Spectrum Disorders, 2020, 79, 101681.	1.5	20
26	Methylome-wide association study of central adiposity implicates genes involved in immune and endocrine systems. Epigenomics, 2020, 12, 1483-1499.	2.1	6
27	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. Circulation, 2019, 140, 645-657.	1.6	151
28	Association of sickle cell trait with measures of cognitive function and dementia in African Americans. ENeurologicalSci, 2019, 16, 100201.	1.3	3
29	Concentrations of Lead, Mercury, Arsenic, Cadmium, Manganese, and Aluminum in Blood of Romanian Children Suspected of Having Autism Spectrum Disorder. International Journal of Environmental Research and Public Health, 2019, 16, 2303.	2.6	17
30	Global differences in the prevalence of the CpG island methylator phenotype of colorectal cancer. BMC Cancer, 2019, 19, 964.	2.6	20
31	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. Environment International, 2019, 132, 104723.	10.0	58
32	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. Nature Communications, 2019, 10, 2581.	12.8	62
33	A generalized weighted quantile sum approach for analyzing correlated data in the presence of interactions. Biometrical Journal, 2019, 61, 934-954.	1.0	18
34	Prospective Study of Epigenetic Age Acceleration and Incidence of Cardiovascular Disease Outcomes in the ARIC Study (Atherosclerosis Risk in Communities). Circulation Genomic and Precision Medicine, 2018, 11, e001937.	3.6	97
35	Meta-analysis of epigenome-wide association studies of cognitive abilities. Molecular Psychiatry, 2018, 23, 2133-2144.	7.9	68
36	Maternal Exposures Associated with Autism Spectrum Disorder in Jamaican Children. Journal of Autism and Developmental Disorders, 2018, 48, 2766-2778.	2.7	24

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37	The PPARG Pro12Ala Polymorphism and 20-year Cognitive Decline. Alzheimer Disease and Associated Disorders, 2018, 32, 131-136.	1.3	2
38	Interaction between manganese and GSTP1 in relation to autism spectrum disorder while controlling for exposure to mixture of lead, mercury, arsenic, and cadmium. Research in Autism Spectrum Disorders, 2018, 55, 50-63.	1.5	18
39	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
40	Clinical, Pathological, and Molecular Characteristics of CpG Island Methylator Phenotype in Colorectal Cancer: A Systematic Review and Meta-analysis. Translational Oncology, 2018, 11, 1188-1201.	3.7	57
41	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons. JAMA Psychiatry, 2018, 75, 949.	11.0	78
42	The diagnosis of autism and autism spectrum disorder in low- and middle-income countries: Experience from Jamaica. Autism, 2017, 21, 564-572.	4.1	15
43	Incident Heart Failure and Cognitive Decline: The Atherosclerosis Risk in Communities Study. Journal of Cardiac Failure, 2017, 23, 47-55.	1.7	11
44	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	6.2	154
45	Cerebral white matter hyperintensities on MRI and acceleration of epigenetic aging: the atherosclerosis risk in communities study. Clinical Epigenetics, 2017, 9, 21.	4.1	45
46	Genetic variants associated with risk of Alzheimer's disease contribute to cognitive change in midlife: The Atherosclerosis Risk in Communities Study. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2017, 174, 269-282.	1.7	19
47	Whole exome sequence-based association analyses of plasma amyloid-Î² in African and European Americans; the Atherosclerosis Risk in Communities-Neurocognitive Study. PLoS ONE, 2017, 12, e0180046.	2.5	18
48	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. PLoS Medicine, 2017, 14, e1002215.	8.4	246
49	Role of Metabolic Genes in Blood Aluminum Concentrations of Jamaican Children with and without Autism Spectrum Disorder. International Journal of Environmental Research and Public Health, 2016, 13, 1095.	2.6	19
50	Concentrations of Polychlorinated Biphenyls and Organochlorine Pesticides in Umbilical Cord Blood Serum of Newborns in Kingston, Jamaica. International Journal of Environmental Research and Public Health, 2016, 13, 1032.	2.6	10
51	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. Genome Biology, 2016, 17, 255.	8.8	251
52	Imputation of missing covariate values in epigenome-wide analysis of DNA methylation data. Epigenetics, 2016, 11, 132-139.	2.7	10
53	Epigenome-wide study identifies novel methylation loci associated with body mass index and waist circumference. Obesity, 2015, 23, 1493-1501.	3.0	152
54	Blood Lead Concentrations in Jamaican Children with and without Autism Spectrum Disorder. International Journal of Environmental Research and Public Health, 2015, 12, 83-105.	2.6	30

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55	Concentration of Lead, Mercury, Cadmium, Aluminum, Arsenic and Manganese in Umbilical Cord Blood of Jamaican Newborns. International Journal of Environmental Research and Public Health, 2015, 12, 4481-4501.	2.6	44
56	Interaction between GSTT1 and GSTP1 allele variants as a risk modulating-factor for autism spectrum disorders. Research in Autism Spectrum Disorders, 2015, 12, 1-9.	1.5	22
57	Synergic effect of GSTP1 and blood manganese concentrations in Autism Spectrum Disorder. Research in Autism Spectrum Disorders, 2015, 18, 73-82.	1.5	30
58	Sequence variation in telomerase reverse transcriptase (TERT) as a determinant of risk of cardiovascular disease: the Atherosclerosis Risk in Communities (ARIC) study. BMC Medical Genetics, 2015, 16, 52.	2.1	28
59	Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Biological Psychiatry, 2015, 77, 749-763.	1.3	67
60	Factors associated with blood lead concentrations of children in Jamaica. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 529-39.	1.7	10
61	Role of fruits, grains, and seafood consumption in blood cadmium concentrations of Jamaican children with and without Autism Spectrum Disorder. Research in Autism Spectrum Disorders, 2014, 8, 1134-1145.	1.5	22
62	Blood manganese concentrations in Jamaican children with and without autism spectrum disorders. Environmental Health, 2014, 13, 69.	4.0	29
63	Role of Metabolic Genes in Blood Arsenic Concentrations of Jamaican Children with and without Autism Spectrum Disorder. International Journal of Environmental Research and Public Health, 2014, 11, 7874-7895.	2.6	30
64	Seafood Consumption and Blood Mercury Concentrations in Jamaican Children With and Without Autism Spectrum Disorders. Neurotoxicity Research, 2013, 23, 22-38.	2.7	59
65	Fat mass and obesity gene and cognitive decline. Neurology, 2013, 80, 92-99.	1.1	26
66	Interaction between the NOS3 Gene and Obesity as a Determinant of Risk of Type 2 Diabetes: The Atherosclerosis Risk in Communities Study. PLoS ONE, 2013, 8, e79466.	2.5	20
67	Maternal and Paternal Age are Jointly Associated with Childhood Autism in Jamaica. Journal of Autism and Developmental Disorders, 2012, 42, 1928-1938.	2.7	34
68	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. Science of the Total Environment, 2012, 433, 362-370.	8.0	54
69	Global DNA methylation and risk of subclinical atherosclerosis in young adults: The Pathobiological Determinants of Atherosclerosis in Youth (PDAY) study. Atherosclerosis, 2011, 219, 958-962.	0.8	23
70	Risk of Type 2 Diabetes and Obesity Is Differentially Associated with Variation in FTO in Whites and African-Americans in the ARIC Study. PLoS ONE, 2010, 5, e10521.	2.5	70
71	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. American Journal of Epidemiology, 2010, 171, 14-23.	3.4	46
72	The INSIG2 rs7566605 genetic variant does not play a major role in obesity in a sample of 24,722 individuals from four cohorts. BMC Medical Genetics, 2009, 10, 56.	2.1	17