

M Daniele Fallin

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

7,157
citations

81743

39
h-index

85405

71
g-index

81
all docs

81
docs citations

81
times ranked

12276
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015, 16, 25.	3.8	928
2	DNA Methylation in Newborns and Maternal Smoking in Pregnancy: Genome-wide Consortium Meta-analysis. <i>American Journal of Human Genetics</i> , 2016, 98, 680-696.	2.6	717
3	The Changing Epidemiology of Autism Spectrum Disorders. <i>Annual Review of Public Health</i> , 2017, 38, 81-102.	7.6	669
4	Bipolar I Disorder and Schizophrenia: A Single-Nucleotide Polymorphism Screen of 64 Candidate Genes among Ashkenazi Jewish Case-Parent Trios. <i>American Journal of Human Genetics</i> , 2005, 77, 918-936.	2.6	358
5	DNA methylation of cord blood cell types: Applications for mixed cell birth studies. <i>Epigenetics</i> , 2016, 11, 354-362.	1.3	256
6	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016, 17, 255.	3.8	251
7	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.	3.9	246
8	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , 2017, 26, 4067-4085.	1.4	211
9	Genome-wide association study identifies peanut allergy-specific loci and evidence of epigenetic mediation in US children. <i>Nature Communications</i> , 2015, 6, 6304.	5.8	192
10	Gastrointestinal symptoms in autism spectrum disorder: A review of the literature on ascertainment and prevalence. <i>Autism Research</i> , 2018, 11, 24-36.	2.1	186
11	Mental distress during the COVID-19 pandemic among US adults without a pre-existing mental health condition: Findings from American trend panel survey. <i>Preventive Medicine</i> , 2020, 139, 106231.	1.6	179
12	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019, 140, 645-657.	1.6	151
13	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	5.8	140
14	Mental Distress in the United States at the Beginning of the COVID-19 Pandemic. <i>American Journal of Public Health</i> , 2020, 110, 1628-1634.	1.5	136
15	Paternal sperm DNA methylation associated with early signs of autism risk in an autism-enriched cohort. <i>International Journal of Epidemiology</i> , 2015, 44, 1199-1210.	0.9	121
16	The role of epigenetics in genetic and environmental epidemiology. <i>Epigenomics</i> , 2016, 8, 271-283.	1.0	114
17	Epigenetic Research in Neuropsychiatric Disorders: the "Tissue Issue". <i>Current Behavioral Neuroscience Reports</i> , 2016, 3, 264-274.	0.6	113
18	Infant siblings and the investigation of autism risk factors. <i>Journal of Neurodevelopmental Disorders</i> , 2012, 4, 7.	1.5	105

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19	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	0.9	105
20	Epigenetic epidemiology: Promises for public health research. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 171-183.	0.9	101
21	Presence of an epigenetic signature of prenatal cigarette smoke exposure in childhood. <i>Environmental Research</i> , 2016, 144, 139-148.	3.7	96
22	Associations Between Media Exposure and Mental Distress Among U.S. Adults at the Beginning of the COVID-19 Pandemic. <i>American Journal of Preventive Medicine</i> , 2020, 59, 630-638.	1.6	96
23	GeMes, Clusters of DNA Methylation under Genetic Control, Can Inform Genetic and Epigenetic Analysis of Disease. <i>American Journal of Human Genetics</i> , 2014, 94, 485-495.	2.6	93
24	Elevated polygenic burden for autism is associated with differential DNA methylation at birth. <i>Genome Medicine</i> , 2018, 10, 19.	3.6	88
25	Genomewide Linkage Scan for Bipolar-Disorder Susceptibility Loci among Ashkenazi Jewish Families. <i>American Journal of Human Genetics</i> , 2004, 75, 204-219.	2.6	87
26	Two novel loci, <i>COBL</i> and <i>SLC10A2</i> , for Alzheimer's disease in African Americans. <i>Alzheimer's and Dementia</i> , 2017, 13, 119-129.	0.4	87
27	Epigenetics at the Crossroads of Genes and the Environment. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1129.	3.8	77
28	Trajectories of Mental Distress Among U.S. Adults During the COVID-19 Pandemic. <i>Annals of Behavioral Medicine</i> , 2021, 55, 93-102.	1.7	76
29	Case-control meta-analysis of blood DNA methylation and autism spectrum disorder. <i>Molecular Autism</i> , 2018, 9, 40.	2.6	74
30	Cross-tissue integration of genetic and epigenetic data offers insight into autism spectrum disorder. <i>Nature Communications</i> , 2017, 8, 1011.	5.8	66
31	Pleiotropic Mechanisms Indicated for Sex Differences in Autism. <i>PLoS Genetics</i> , 2016, 12, e1006425.	1.5	64
32	â€œGap huntingâ€ to characterize clustered probe signals in Illumina methylation array data. <i>Epigenetics and Chromatin</i> , 2016, 9, 56.	1.8	61
33	Prenatal mercury concentration is associated with changes in DNA methylation at <i>TCEANC2</i> in newborns. <i>International Journal of Epidemiology</i> , 2015, 44, 1249-1262.	0.9	60
34	Epigenetic marks of prenatal air pollution exposure found in multiple tissues relevant for child health. <i>Environment International</i> , 2019, 126, 363-376.	4.8	58
35	Family history of immune conditions and autism spectrum and developmental disorders: Findings from the study to explore early development. <i>Autism Research</i> , 2019, 12, 123-135.	2.1	54
36	Sex Differences in the Gut-Brain Axis: Implications for Mental Health. <i>Current Psychiatry Reports</i> , 2020, 22, 83.	2.1	50

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37	Prenatal exposure to fever is associated with autism spectrum disorder in the boston birth cohort. <i>Autism Research</i> , 2017, 10, 1878-1890.	2.1	49
38	Early Life Exposure to Air Pollution and Autism Spectrum Disorder. <i>Epidemiology</i> , 2020, 31, 103-114.	1.2	48
39	Cord blood DNA methylome in newborns later diagnosed with autism spectrum disorder reflects early dysregulation of neurodevelopmental and X-linked genes. <i>Genome Medicine</i> , 2020, 12, 88.	3.6	47
40	Variable DNA methylation in neonates mediates the association between prenatal smoking and birth weight. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180120.	1.8	46
41	Evidence of Gene-Environment Interaction for Two Genes on Chromosome 4 and Environmental Tobacco Smoke in Controlling the Risk of Nonsyndromic Cleft Palate. <i>PLoS ONE</i> , 2014, 9, e88088.	1.1	33
42	Psychological distress among caregivers raising a child with autism spectrum disorder during the COVID-19 pandemic. <i>Autism Research</i> , 2021, 14, 2183-2188.	2.1	32
43	Linkage and association on 8p21.2-p21.1 in schizophrenia. , 2011, 156, 188-197.		26
44	Targeted Sequencing of Alzheimer Disease Genes in African Americans Implicates Novel Risk Variants. <i>Frontiers in Neuroscience</i> , 2018, 12, 592.	1.4	24
45	DNA Methylation Signatures as Biomarkers of Prior Environmental Exposures. <i>Current Epidemiology Reports</i> , 2019, 6, 1-13.	1.1	24
46	Locus-Specific Differential DNA Methylation and Urinary Arsenic: An Epigenome-Wide Association Study in Blood among Adults with Low-to-Moderate Arsenic Exposure. <i>Environmental Health Perspectives</i> , 2020, 128, 67015.	2.8	23
47	Placental methylome reveals a 22q13.33 brain regulatory gene locus associated with autism. <i>Genome Biology</i> , 2022, 23, 46.	3.8	22
48	Genetic Epidemiology in Aging Research. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 47-60.	1.7	21
49	Interaction between Maternal Immune Activation and Antibiotic Use during Pregnancy and Child Risk of Autism Spectrum Disorder. <i>Autism Research</i> , 2020, 13, 2230-2241.	2.1	21
50	The Association Between Parental Age and Autism-Related Outcomes in Children at High Familial Risk for Autism. <i>Autism Research</i> , 2020, 13, 998-1010.	2.1	20
51	Influence of family demographic factors on social communication questionnaire scores. <i>Autism Research</i> , 2018, 11, 695-706.	2.1	19
52	Tau Phosphorylation is Impacted by Rare AKAP9 Mutations Associated with Alzheimer Disease in African Americans. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 254-264.	2.1	19
53	Maternal Psychiatric Conditions, Treatment With Selective Serotonin Reuptake Inhibitors, and Neurodevelopmental Disorders. <i>Biological Psychiatry</i> , 2021, 90, 253-262.	0.7	19
54	Maternal prepregnancy weight and gestational weight gain in association with autism and developmental disorders in offspring. <i>Obesity</i> , 2021, 29, 1554-1564.	1.5	16

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55	DNA methylation and adiposity phenotypes: an epigenome-wide association study among adults in the Strong Heart Study. <i>International Journal of Obesity</i> , 2020, 44, 2313-2322.	1.6	15
56	Tooth biomarkers to characterize the temporal dynamics of the fetal and early-life exposome. <i>Environment International</i> , 2021, 157, 106849.	4.8	15
57	A meta-analysis of two high-risk prospective cohort studies reveals autism-specific transcriptional changes to chromatin, autoimmune, and environmental response genes in umbilical cord blood. <i>Molecular Autism</i> , 2019, 10, 36.	2.6	14
58	Gastrointestinal concerns in children with autism spectrum disorder: A qualitative study of family experiences. <i>Autism</i> , 2022, 26, 1698-1711.	2.4	13
59	Distributional Properties and Criterion Validity of a Shortened Version of the Social Responsiveness Scale: Results from the ECHO Program and Implications for Social Communication Research. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 2241-2253.	1.7	12
60	Maternal blood metal concentrations and whole blood DNA methylation during pregnancy in the Early Autism Risk Longitudinal Investigation (EARLI). <i>Epigenetics</i> , 2022, 17, 253-268.	1.3	12
61	Prenatal Multivitamin Use and MTHFR Genotype Are Associated with Newborn Cord Blood DNA Methylation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9190.	1.2	11
62	DNA methylation changes associated with prenatal mercury exposure: A meta-analysis of prospective cohort studies from PACE consortium. <i>Environmental Research</i> , 2022, 204, 112093.	3.7	11
63	Maternal tobacco smoking and offspring autism spectrum disorder or traits in <sc>ECHO</sc> cohorts. <i>Autism Research</i> , 2022, 15, 551-569.	2.1	10
64	Gastrointestinal Symptoms in 2- to 5-Year-Old Children in the Study to Explore Early Development. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 3806-3817.	1.7	9
65	Considering Toxic Chemicals in the Etiology of Autism. <i>Pediatrics</i> , 2022, 149, .	1.0	9
66	Cardiometabolic Pregnancy Complications in Association With Autism-Related Traits as Measured by the Social Responsiveness Scale in ECHO. <i>American Journal of Epidemiology</i> , 2022, 191, 1407-1419.	1.6	9
67	Expression Changes in Epigenetic Gene Pathways Associated With Oneâ€™Carbon Nutritional Metabolites in Maternal Blood From Pregnancies Resulting in Autism and Nonâ€™Typical Neurodevelopment. <i>Autism Research</i> , 2021, 14, 11-28.	2.1	8
68	The association between maternal lipid profile after birth and offspring risk of autism spectrum disorder. <i>Annals of Epidemiology</i> , 2021, 53, 50-55.e1.	0.9	7
69	Characteristics of the autism spectrum disorder gastrointestinal and related behaviors inventory in children. <i>Autism Research</i> , 2022, 15, 1142-1155.	2.1	7
70	Cord blood buffy coat DNA methylation is comparable to whole cord blood methylation. <i>Epigenetics</i> , 2018, 13, 108-116.	1.3	5
71	Genes and Environment in Autism Spectrum Disorders: An Integrated Perspective. , 2014, , 335-374.		3
72	Invited Commentary: Is DNA Methylation an Actionable Mediator of Prenatal Exposure Effects on Child Health?. <i>American Journal of Epidemiology</i> , 2019, 188, 1887-1889.	1.6	3

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73	Estimation of eosinophil cells in cord blood with references based on blood in adults via Bayesian measurement error modeling. <i>Bioinformatics</i> , 2020, 36, 1923-1924.	1.8	2
74	[P3â€™092]: TAU PHOSPHORYLATION IS IMPACTED BY RARE ADâ€™ASSOCIATED <i>AKAP9</i> MUTATIONS SPECIFIC TO AFRICAN AMERICANS. <i>Alzheimer's and Dementia</i> , 2017, 13, P969.	0.4	0
75	P2â€™125: TARGETED SEQUENCING OF AFRICAN AMERICAN ALZHEIMER'S DISEASE RISK GENES IMPLICATES SEVERAL POTENTIAL AD RISK VARIANTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P716.	0.4	0
76	Exploring a Role for Parental Mental Health in Perception and Reports of Pain on Behalf of Children with Autism Spectrum Disorder. <i>Autism Research & Treatment</i> , 2021, 2021, 1-6.	0.1	0