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List of Publications by Year in descending order

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48
papers

4,556
citations

147786
31
h-index

206102
48
g-index

55
all docs

55
docs citations

55
times ranked

8335
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenome-Wide Scans Identify Differentially Methylated Regions for Age and Age-Related Phenotypes in a Healthy Ageing Population. <i>PLoS Genetics</i> , 2012, 8, e1002629.	3.5	620
2	Base-Resolution Analyses of Sequence and Parent-of-Origin Dependent DNA Methylation in the Mouse Genome. <i>Cell</i> , 2012, 148, 816-831.	28.9	478
3	Disease-associated epigenetic changes in monozygotic twins discordant for schizophrenia and bipolar disorder. <i>Human Molecular Genetics</i> , 2011, 20, 4786-4796.	2.9	407
4	Allelic Skewing of DNA Methylation Is Widespread across the Genome. <i>American Journal of Human Genetics</i> , 2010, 86, 196-212.	6.2	228
5	Dynamic changes in DNA methylation of stress-associated genes (OXTR, BDNF%) after acute psychosocial stress. <i>Translational Psychiatry</i> , 2012, 2, e150-e150.	4.8	220
6	Association between BDNF val ⁶⁶ met genotype and episodic memory. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 134B, 73-75.	1.7	159
7	Bisphenol A causes reproductive toxicity, decreases <i>dnmt1</i> transcription, and reduces global DNA methylation in breeding zebrafish (<i>Danio rerio</i>). <i>Epigenetics</i> , 2016, 11, 526-538.	2.7	149
8	Childhood maternal care is associated with DNA methylation of the genes for brain-derived neurotrophic factor (<i>BDNF</i>) and oxytocin receptor (<i>OXTR</i>) in peripheral blood cells in adult men and women. <i>Stress</i> , 2015, 18, 451-461.	1.8	148
9	Rapid DNA Extraction from Ferns for PCR-Based Analyses. <i>BioTechniques</i> , 1999, 27, 66-68.	1.8	131
10	Maternal separation is associated with strain-specific responses to stress and epigenetic alterations to <i>Nr3c1</i> , <i>Avp</i> , and <i>Nr4a1</i> in mouse. <i>Brain and Behavior</i> , 2012, 2, 455-467.	2.2	123
11	Evidence for monozygotic twin (MZ) discordance in methylation level at two CpG sites in the promoter region of the catechol-O-methyltransferase (<i>COMT</i>) gene. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006, 141B, 421-425.	1.7	119
12	Genome-wide Methylomic Analysis of Monozygotic Twins Discordant for Adolescent Depression. <i>Biological Psychiatry</i> , 2014, 76, 977-983.	1.3	112
13	The quantification of COMT mRNA in post mortem cerebellum tissue: diagnosis, genotype, methylation and expression. <i>BMC Medical Genetics</i> , 2006, 7, 10.	2.1	110
14	Maternally Derived Microduplications at 15q11-q13: Implication of Imprinted Genes in Psychotic Illness. <i>American Journal of Psychiatry</i> , 2011, 168, 408-417.	7.2	95
15	Performance deficit of $\hat{1}\pm 7$ nicotinic receptor knockout mice in a delayed matching-to-place task suggests a mild impairment of working/episodic-like memory. <i>Genes, Brain and Behavior</i> , 2006, 5, 433-440.	2.2	92
16	Prenatal maternal immune activation causes epigenetic differences in adolescent mouse brain. <i>Translational Psychiatry</i> , 2014, 4, e434-e434.	4.8	88
17	Long-lasting regulation of hippocampal <i>Bdnf</i> gene transcription after contextual fear conditioning. <i>Genes, Brain and Behavior</i> , 2012, 11, 651-659.	2.2	87
18	Hypermethylation in the ZBTB20 gene is associated with major depressive disorder. <i>Genome Biology</i> , 2014, 15, R56.	9.6	87

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19	Full-length transcript sequencing of human and mouse cerebral cortex identifies widespread isoform diversity and alternative splicing. <i>Cell Reports</i> , 2021, 37, 110022.	6.4	79
20	Epigenetic Studies of Schizophrenia: Progress, Predicaments, and Promises for the Future. <i>Schizophrenia Bulletin</i> , 2013, 39, 11-16.	4.3	75
21	Evidence of an Association Between the Vasopressin V1b Receptor Gene (AVPR1B) and Childhood-Onset Mood Disorders. <i>Archives of General Psychiatry</i> , 2007, 64, 1189.	12.3	74
22	Schizophrenia-associated methylomic variation: molecular signatures of disease and polygenic risk burden across multiple brain regions. <i>Human Molecular Genetics</i> , 2017, 26, ddw373.	2.9	74
23	The effect of COMT, BDNF, 5-HTT, NRG1 and DTNBP1 genes on hippocampal and lateral ventricular volume in psychosis. <i>Psychological Medicine</i> , 2009, 39, 1783-1797.	4.5	68
24	Methylomic profiling of cortex samples from completed suicide cases implicates a role for PSORS1C3 in major depression and suicide. <i>Translational Psychiatry</i> , 2017, 7, e989-e989.	4.8	64
25	Severe psychosocial deprivation in early childhood is associated with increased DNA methylation across a region spanning the transcription start site of CYP2E1. <i>Translational Psychiatry</i> , 2016, 6, e830-e830.	4.8	61
26	Maternal adversities during pregnancy and cord blood oxytocin receptor (<i>OXT</i>) DNA methylation. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1460-1470.	3.0	59
27	The association of white matter volume in psychotic disorders with genotypic variation in NRG1, MOG and CNP: a voxel-based analysis in affected individuals and their unaffected relatives. <i>Translational Psychiatry</i> , 2012, 2, e167-e167.	4.8	53
28	Is there an association between the COMT gene and P300 endophenotypes?. <i>European Psychiatry</i> , 2006, 21, 70-73.	0.2	40
29	Neuregulin-1 and the P300 waveform: A preliminary association study using a psychosis endophenotype. <i>Schizophrenia Research</i> , 2008, 103, 178-185.	2.0	40
30	Methylomic analysis of monozygotic twins discordant for childhood psychotic symptoms. <i>Epigenetics</i> , 2015, 10, 1014-1023.	2.7	40
31	Application of a novel molecular method to age free-living wild Bechstein's bats. <i>Molecular Ecology Resources</i> , 2018, 18, 1374-1380.	4.8	40
32	Growth disrupting mutations in epigenetic regulatory molecules are associated with abnormalities of epigenetic aging. <i>Genome Research</i> , 2019, 29, 1057-1066.	5.5	38
33	Brain weight in males is correlated with DNA methylation at IGF2. <i>Molecular Psychiatry</i> , 2010, 15, 880-881.	7.9	32
34	Epigenetic and genetic variation at the IGF2/H19 imprinting control region on 11p15.5 is associated with cerebellum weight. <i>Epigenetics</i> , 2012, 7, 155-163.	2.7	32
35	Decreased methylation of the NK3 receptor coding gene (<i>TACR3</i>) after cocaine-induced place preference in marmoset monkeys. <i>Addiction Biology</i> , 2013, 18, 452-454.	2.6	32
36	Tissue-specific patterns of allelically-skewed DNA methylation. <i>Epigenetics</i> , 2016, 11, 24-35.	2.7	32

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37	Multiple polymorphisms in genes of the adrenergic stress system confer vulnerability to alcohol abuse. <i>Addiction Biology</i> , 2012, 17, 202-208.	2.6	26
38	Further genetic evidence implicates the vasopressin system in childhood-onset mood disorders. <i>European Journal of Neuroscience</i> , 2009, 30, 1615-1619.	2.6	23
39	Quantitative promoter DNA methylation analysis of four candidate genes in Anorexia nervosa: A pilot study. <i>Journal of Psychiatric Research</i> , 2013, 47, 280-282.	3.1	23
40	Episodic Memory Performance Predicted by the 2bp Deletion in Exon 6 of the α 7-Like Nicotinic Receptor Subunit Gene. <i>American Journal of Psychiatry</i> , 2006, 163, 1832.	7.2	23
41	No association between oxytocin or prolactin gene variants and childhood-onset mood disorders. <i>Psychoneuroendocrinology</i> , 2010, 35, 1422-1428.	2.7	15
42	Erasure and reestablishment of random allelic expression imbalance after epigenetic reprogramming. <i>Rna</i> , 2016, 22, 1620-1630.	3.5	10
43	Applying gene editing technology to elucidate the functional consequence of genetic and epigenetic variation in Alzheimer's disease. <i>Brain Pathology</i> , 2020, 30, 992-1004.	4.1	8
44	Long-Term Effects of Gestational Nicotine Exposure and Food-Restriction on Gene Expression in the Striatum of Adolescent Rats. <i>PLoS ONE</i> , 2014, 9, e88896.	2.5	5
45	No evidence of an association between two genes, <i>EDN1</i> and <i>ACE</i> , and childhood-onset mood disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 341-346.	1.7	4
46	Association of birthweight and penetrance of diabetes in individuals with HNF4A-MODY: a cohort study. <i>Diabetologia</i> , 2022, 65, 246-249.	6.3	2
47	Functional characterization of the schizophrenia associated gene <i>AS3MT</i> identifies a role in neuronal development. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 0, , .	1.7	2
48	No evidence of association between a functional polymorphism in the MTHFR gene and childhood-onset mood disorders. <i>Molecular Psychiatry</i> , 2007, 12, 1063-1064.	7.9	1