

The relationship of *5HTT* (*SLC6A4*) methylation expression and liability to major depression and alcoholism: Iowa Adoption Studies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	MAOA methylation is associated with nicotine and alcohol dependence in women. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 565-570.	1.1	142
2	Pharmacogenetic Testing in Schizophrenia and Posttraumatic Stress Disorder. Clinics in Laboratory Medicine, 2008, 28, 627-643.	0.7	2
3	The loss of methyl-CpG binding protein 1 leads to autism-like behavioral deficits. Human Molecular Genetics, 2008, 17, 2047-2057.	1.4	89
4	Examination of the Nicotine Dependence (NICSNP) Consortium findings in the Iowa adoption studies population. Nicotine and Tobacco Research, 2009, 11, 286-292.	1.4	19
5	The association of serotonin transporter genotypes and selective serotonin reuptake inhibitor (SSRI)-associated sexual side effects: possible relationship to oral contraceptives. Human Psychopharmacology, 2009, 24, 207-215.	0.7	49
6	Reported childhood abuse is associated with low serotonin transporter binding in vivo in major depressive disorder. Synapse, 2009, 63, 565-573.	0.6	109
7	Imaging phenotypes of major depressive disorder: genetic correlates. Neuroscience, 2009, 164, 300-330.	1.1	198
8	Prediction of deleterious non-synonymous single nucleotide polymorphisms of genes related to ethanol-induced toxicity. Toxicology Letters, 2009, 187, 99-114.	0.4	6
9	Role of GABRA2 on risk for alcohol, nicotine, and cannabis dependence in the Iowa Adoption Studies. Psychiatric Genetics, 2009, 19, 91-98.	0.6	39
10	Genetic liability, environment, and the development of fussiness in toddlers: The roles of maternal depression and parental responsiveness.. Developmental Psychology, 2010, 46, 1147-1158.	1.2	43
11	5-HTTLPR status moderates the effect of early adolescent substance use on risky sexual behavior.. Health Psychology, 2010, 29, 471-476.	1.3	20
12	Description and Validation of a Dynamical Systems Model of Presynaptic Serotonin Function: Genetic Variation, Brain Activation and Impulsivity. Behavior Genetics, 2010, 40, 262-279.	1.4	14
13	Genetic polymorphisms in folate and alcohol metabolism and breast cancer risk: a case-control study in Thai women. Breast Cancer Research and Treatment, 2010, 123, 885-893.	1.1	67
14	Microtrial Methods for Translating Gene-environment Dynamics into Preventive Interventions. Prevention Science, 2010, 11, 343-354.	1.5	103
15	Gender differences in the genetic and environmental determinants of adolescent depression. Depression and Anxiety, 2010, 27, 658-666.	2.0	34
16	Behavioral genetics in antisocial spectrum disorders and psychopathy: A review of the recent literature. Behavioral Sciences and the Law, 2010, 28, 148-173.	0.6	67
17	Epigenetic regulation of serotonin transporter expression and behavior in infant rhesus macaques. Genes, Brain and Behavior, 2010, 9, 575-582.	1.1	98
18	Determination of methylated CpG sites in the promoter region of catechol-O-methyltransferase (COMT) and their involvement in the etiology of tobacco smoking. Frontiers in Psychiatry, 2010, 1, 16.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Prenatal Exposure to Maternal Depressed Mood and the MTHFR C677T Variant Affect SLC6A4 Methylation in Infants at Birth. PLoS ONE, 2010, 5, e12201.	1.1	264
20	Tailoring therapeutic strategies for treating posttraumatic stress disorder symptom clusters. Neuropsychiatric Disease and Treatment, 2010, 6, 517.	1.0	43
21	Scars in depression: is a conceptual shift necessary to solve the puzzle?. Psychological Medicine, 2010, 40, 359-365.	2.7	68
22	Association of the 5-HTTLPR genotype and unipolar depression: a meta-analysis. Psychological Medicine, 2010, 40, 1767-1778.	2.7	154
23	Imaging the effects of genetic polymorphisms on radioligand binding in the living human brain: A review on genetic neuroreceptor imaging of monoaminergic systems in psychiatry. NeuroImage, 2010, 53, 878-892.	2.1	82
24	Prospects for epigenetic research within cohort studies of psychological disorder: A pilot investigation of a peripheral cell marker of epigenetic risk for depression. Biological Psychology, 2010, 83, 159-165.	1.1	125
26	Conceptualizing the role of estrogens and serotonin in the development and maintenance of bulimia nervosa. Clinical Psychology Review, 2010, 30, 655-668.	6.0	45
27	The serotonin transporter gene and risk for alcohol dependence: A meta-analytic review. Drug and Alcohol Dependence, 2010, 108, 1-6.	1.6	96
28	Genetic Organization of the Serotonergic System. Handbook of Behavioral Neuroscience, 2010, 21, 23-50.	0.7	0
29	Genetic, Epigenetic and Environmental Factors in Serotonin Associated Disease Condition. Handbook of Behavioral Neuroscience, 2010, , 731-748.	0.7	1
30	Gene-Environment Interactions in Geriatric Depression. Psychiatric Clinics of North America, 2011, 34, 357-376.	0.7	14
31	Gene environment interactions with a novel variable Monoamine Oxidase A transcriptional enhancer are associated with antisocial personality disorder. Biological Psychology, 2011, 87, 366-371.	1.1	40
32	Serotonin transporter polymorphism as a predictor for escitalopram treatment of major depressive disorder comorbid with alcohol dependence. Psychiatry Research, 2011, 186, 53-57.	1.7	20
33	The Serotonin Transporter Polymorphism (5-HTTLPR) and Alcohol Problems in Heavy Drinkers: Moderation by Depressive Symptoms. Frontiers in Psychiatry, 2011, 2, 49.	1.3	12
34	Behavioral epigenetics. Annals of the New York Academy of Sciences, 2011, 1226, 14-33.	1.8	109
35	Functional Genomics of Serotonin Receptor 2A (HTR2A): Interaction of Polymorphism, Methylation, Expression and Disease Association. NeuroMolecular Medicine, 2011, 13, 66-76.	1.8	62
36	Parental ages and levels of DNA methylation in the newborn are correlated. BMC Medical Genetics, 2011, 12, 47.	2.1	86
37	SLC6A4 methylation modifies the effect of the number of traumatic events on risk for posttraumatic stress disorder. Depression and Anxiety, 2011, 28, 639-647.	2.0	140

#	ARTICLE	IF	CITATIONS
38	Role of the Serotonergic System in Alcohol Dependence. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 98, 401-443.	0.9	64
39	Epigenetic and inflammatory marker profiles associated with depression in a community-based epidemiologic sample. <i>Psychological Medicine</i> , 2011, 41, 997-1007.	2.7	156
40	The urban environment and mental disorders. <i>Epigenetics</i> , 2011, 6, 400-404.	1.3	84
41	Hypermethylation of OPRM1 promoter region in European Americans with alcohol dependence. <i>Journal of Human Genetics</i> , 2012, 57, 670-675.	1.1	57
42	Stress-sensitive neurosignalling in depression: an integrated network biology approach to candidate gene selection for genetic association analysis. <i>Mental Illness</i> , 2012, 4, 105-114.	0.8	3
43	The genetics of alcohol dependence: Advancing towards systems-based approaches. <i>Drug and Alcohol Dependence</i> , 2012, 125, 179-191.	1.6	26
44	Biological studies of post-traumatic stress disorder. <i>Nature Reviews Neuroscience</i> , 2012, 13, 769-787.	4.9	1,218
45	Epigenetic modifications associated with suicide and common mood and anxiety disorders: a systematic review of the literature. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2012, 2, 10.	4.7	22
46	Peripheral SLC6A4 DNA Methylation Is Associated with In Vivo Measures of Human Brain Serotonin Synthesis and Childhood Physical Aggression. <i>PLoS ONE</i> , 2012, 7, e39501.	1.1	181
47	Environmental Stress Affects DNA Methylation of a CpG Rich Promoter Region of Serotonin Transporter Gene in a Nurse Cohort. <i>PLoS ONE</i> , 2012, 7, e45813.	1.1	89
48	Epigenetic and Genetic Factors Predict Women's Salivary Cortisol following a Threat to the Social Self. <i>PLoS ONE</i> , 2012, 7, e48597.	1.1	58
49	Serotonin Transporter Genomic Biomarker for Quantitative Assessment of Ondansetron Treatment Response in Alcoholics. <i>Frontiers in Psychiatry</i> , 2012, 3, 23.	1.3	12
50	Effects of Genotype and Child Abuse on DNA Methylation and Gene Expression at the Serotonin Transporter. <i>Frontiers in Psychiatry</i> , 2012, 3, 55.	1.3	106
51	The 5-HTTLPR polymorphism moderates the effect of stressful life events on drinking behavior in college students of African descent. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 484-490.	1.1	30
52	The relationship of the serotonin transporter (SLC6A4) extra long variant to gene expression in an African American sample. , 2012, 159B, 611-612.		21
53	Monoamine oxidase A gene DNA hypomethylation – a risk factor for panic disorder?. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1217-1228.	1.0	100
54	How does the social environment “get into the mind”? <i>Epigenetics at the intersection of social and psychiatric epidemiology. Social Science and Medicine</i> , 2012, 74, 67-74.	1.8	163
55	Serotonin transporter genotype by environment: Studies on alcohol use and misuse in non-human and human primates. <i>Translational Neuroscience</i> , 2013, 4, 241-250.	0.7	6

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56	Genetics and epigenetics of alcohol dependence. <i>Journal of Molecular Psychiatry</i> , 2013, 1, 11.	2.0	31
57	Gender-Specific Gene×Environment Interaction in Alcohol Dependence: The Impact of Daily Life Events and GABRA2. <i>Behavior Genetics</i> , 2013, 43, 402-414.	1.4	37
58	Alcohol and the methylome: Design and analysis considerations for research using human samples. <i>Drug and Alcohol Dependence</i> , 2013, 133, 305-316.	1.6	20
59	SEX DIFFERENCES IN DNA METHYLATION MAY CONTRIBUTE TO RISK OF PTSD AND DEPRESSION: A REVIEW OF EXISTING EVIDENCE. <i>Depression and Anxiety</i> , 2013, 30, 1151-1160.	2.0	49
60	Epigenetic Regulation of Serotonin Transporter in Psychiatric Disorders. <i>Journal of Genetics and Genomics</i> , 2013, 40, 325-329.	1.7	16
61	Association of SLC6A4 methylation with early adversity, characteristics and outcomes in depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 23-28.	2.5	215
62	A longitudinal study of SLC6A4 DNA promoter methylation and poststroke depression. <i>Journal of Psychiatric Research</i> , 2013, 47, 1222-1227.	1.5	63
63	DNA methylation analysis of BDNF gene promoters in peripheral blood cells of schizophrenia patients. <i>Neuroscience Research</i> , 2013, 77, 208-214.	1.0	111
64	Ethanol-induced <i>Htr3a</i> Promoter Methylation Changes in Mouse Blood and Brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E101-7.	1.4	26
65	Array-Based Profiling of DNA Methylation Changes Associated with Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E108-15.	1.4	83
66	Association Between Promoter Methylation of Serotonin Transporter Gene and Depressive Symptoms. <i>Psychosomatic Medicine</i> , 2013, 75, 523-529.	1.3	106
67	Multi-Cultural Association of the Serotonin Transporter Gene (SLC6A4) with Substance Use Disorder. <i>Neuropsychopharmacology</i> , 2013, 38, 1737-1747.	2.8	42
68	Impact of child sex abuse on adult psychopathology: A genetically and epigenetically informed investigation.. <i>Journal of Family Psychology</i> , 2013, 27, 3-11.	1.0	52
69	Looking beyond the DNA sequence: the relevance of DNA methylation processes for the stress×diathesis model of depression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120251.	1.8	97
70	Putting the “epi” into epigenetics research in psychiatry. <i>Journal of Epidemiology and Community Health</i> , 2013, 67, 610-616.	2.0	8
71	Increased serotonin transporter gene ( <i>SERT</i> ) DNA methylation is associated with bullying victimization and blunted cortisol response to stress in childhood: a longitudinal study of discordant monozygotic twins. <i>Psychological Medicine</i> , 2013, 43, 1813-1823.	2.7	186
72	Neonatal pain and COMT Val158Met genotype in relation to serotonin transporter (SLC6A4) promoter methylation in very preterm children at school age. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 409.	1.0	68
73	DNA Hypermethylation of the Serotonin Receptor Type-2A Gene Is Associated with a Worse Response to a Weight Loss Intervention in Subjects with Metabolic Syndrome. <i>Nutrients</i> , 2014, 6, 2387-2403.	1.7	24

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74	Effects of genetic and early environmental risk factors for depression on serotonin transporter expression and methylation profiles. <i>Translational Psychiatry</i> , 2014, 4, e402-e402.	2.4	102
75	Serotonin transporter methylation and response to cognitive behaviour therapy in children with anxiety disorders. <i>Translational Psychiatry</i> , 2014, 4, e444-e444.	2.4	97
76	Refining the Candidate Environment. <i>Clinical Psychological Science</i> , 2014, 2, 235-248.	2.4	51
77	Serotonin transporter gene hypomethylation predicts impaired antidepressant treatment response. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1167-1176.	1.0	146
78	Effects of negative stressors on DNA methylation in the brain: Implications for mood and anxiety disorders. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 541-554.	1.1	32
79	A pilot examination of the genome-wide DNA methylation signatures of subjects entering and exiting short-term alcohol dependence treatment programs. <i>Epigenetics</i> , 2014, 9, 1212-1219.	1.3	72
80	Alcohol and the Brain. , 2014, , 349-358.		1
81	Association Between Methylation of the SLC6A4 Promoter Region in Peripheral Blood Leukocytes and Methylation in Amygdala Tissue. <i>Psychosomatic Medicine</i> , 2014, 76, 244-246.	1.3	14
82	Genome-wide DNA methylation in neonates exposed to maternal depression, anxiety, or SSRI medication during pregnancy. <i>Epigenetics</i> , 2014, 9, 964-972.	1.3	158
83	Serotonin transporter gene promoter polymorphism (5-HTTLPR) and alcohol use in general population: interaction effect with birth cohort. <i>Psychopharmacology</i> , 2014, 231, 2587-2594.	1.5	28
84	Epigenetics and depression: return of the repressed. <i>Journal of Affective Disorders</i> , 2014, 155, 1-12.	2.0	107
85	DNA methylation profiles within the serotonin transporter gene moderate the association of 5-HTTLPR and cortisol stress reactivity. <i>Translational Psychiatry</i> , 2014, 4, e443-e443.	2.4	75
86	5-HTTLPR Moderates Naltrexone and Psychosocial Treatment Responses in Heavy Drinking Men Who Have Sex with Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2362-2368.	1.4	4
87	Epigenetic plasticity following early stress predicts long-term health outcomes in rhesus macaques. <i>American Journal of Physical Anthropology</i> , 2014, 155, 192-199.	2.1	33
88	No association of SLC6A3 and SLC6A4 gene polymorphisms with schizophrenia in the Han Chinese population. <i>Neuroscience Letters</i> , 2014, 579, 114-118.	1.0	7
89	DNA methylation profiles at birth and child ADHD symptoms. <i>Journal of Psychiatric Research</i> , 2014, 49, 51-59.	1.5	93
90	Differential impact of cumulative SES risk on methylation of protein-protein interaction pathways as a function of SLC6A4 genetic variation in African American young adults. <i>Biological Psychology</i> , 2014, 96, 28-34.	1.1	31
91	Towards the clinical implementation of pharmacogenetics in bipolar disorder. <i>BMC Medicine</i> , 2014, 12, 90.	2.3	23

#	ARTICLE	IF	CITATIONS
92	Personalized medicine and Type 2 diabetes: lesson from epigenetics. <i>Epigenomics</i> , 2014, 6, 229-238.	1.0	37
93	Epigenetic and epistatic interactions between serotonin transporter and brain-derived neurotrophic factor genetic polymorphism: Insights in depression. <i>Neuroscience</i> , 2014, 275, 455-468.	1.1	57
94	Influence of life stress, 5-HTTLPR genotype, and SLC6A4 methylation on gene expression and stress response in healthy Caucasian males. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2015, 5, 2.	4.7	99
95	Prenatal alcohol exposure alters methyl metabolism and programs serotonin transporter and glucocorticoid receptor expression in brain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R613-R622.	0.9	35
96	The Vindication of Lamarck? Epigenetics at the Intersection of Law and Mental Health. <i>Behavioral Sciences and the Law</i> , 2015, 33, 607-628.	0.6	9
97	Epigenetic alterations following early postnatal stress: a review on novel aetiological mechanisms of common psychiatric disorders. <i>Clinical Epigenetics</i> , 2015, 7, 122.	1.8	117
98	A Review of Epigenetic Markers of Tobacco and Alcohol Consumption. <i>Behavioral Sciences and the Law</i> , 2015, 33, 675-690.	0.6	10
99	Adverse Life Events and Allele-Specific Methylation of the Serotonin Transporter Gene (SLC6A4) in Adolescents. <i>Psychosomatic Medicine</i> , 2015, 77, 246-255.	1.3	45
100	Epigenetic variation in the serotonin transporter gene predicts resting state functional connectivity strength within the salience network. <i>Human Brain Mapping</i> , 2015, 36, 4361-4371.	1.9	18
101	Current and Future Prospects for Epigenetic Biomarkers of Substance Use Disorders. <i>Genes</i> , 2015, 6, 991-1022.	1.0	70
102	DNA methylation results depend on DNA integrity - a role of post mortem interval. <i>Frontiers in Genetics</i> , 2015, 6, 182.	1.1	30
103	Pain-related stress during the Neonatal Intensive Care Unit stay and SLC6A4 methylation in very preterm infants. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 99.	1.0	78
104	DNA Methylation of the Serotonin Transporter Gene in Peripheral Cells and Stress-Related Changes in Hippocampal Volume: A Study in Depressed Patients and Healthy Controls. <i>PLoS ONE</i> , 2015, 10, e0119061.	1.1	140
105	A Longitudinal Study of BDNF Promoter Methylation and Depression in Breast Cancer. <i>Psychiatry Investigation</i> , 2015, 12, 523.	0.7	34
106	A meta-analysis of the associations between the SLC6A4 promoter polymorphism (5-HTTLPR) and the risk for alcohol dependence. <i>Psychiatric Genetics</i> , 2015, 25, 47-58.	0.6	19
107	Genotypes Do Not Confer Risk For Delinquency ut Rather Alter Susceptibility to Positive and Negative Environmental Factors: Gene-Environment Interactions of BDNF Val66Met, 5-HTTLPR, and MAOA-uVNTR. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, .	1.0	34
108	Alcohol Dependence and Serotonin Transporter Functional Polymorphisms 5-HTTLPR and rs25531 in an Italian Population. <i>Alcohol and Alcoholism</i> , 2015, 50, 259-265.	0.9	14
109	Longitudinal associations between BDNF promoter methylation and late-life depression. <i>Neurobiology of Aging</i> , 2015, 36, 1764.e1-1764.e7.	1.5	47



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110	Epigenetics and depressive disorders: a review of current progress and future directions. <i>International Journal of Epidemiology</i> , 2015, 44, 1364-1387.	0.9	84
111	Serotonin transporter linked polymorphic region (<i>5-HTTLPR</i>) genotype moderates the longitudinal impact of early caregiving on externalizing behavior. <i>Development and Psychopathology</i> , 2015, 27, 7-18.	1.4	40
112	Traumatic stress and human DNA methylation: a critical review. <i>Epigenomics</i> , 2015, 7, 593-608.	1.0	93
113	Neuroquantum Theories of Psychiatric Genetics: Can Physical Forces Induce Epigenetic Influence on Future Genomes?. <i>NeuroQuantology</i> , 2015, 13, .	0.1	1
114	Methylation of NR3C1 and SLC6A4 and internalizing problems. The TRAILS study. <i>Journal of Affective Disorders</i> , 2015, 180, 97-103.	2.0	35
115	New-born females show higher stress- and genotype-independent methylation of SLC6A4 than males. <i>Borderline Personality Disorder and Emotion Dysregulation</i> , 2015, 2, 8.	1.1	38
116	Life course socioeconomic status and DNA methylation in genes related to stress reactivity and inflammation: The multi-ethnic study of atherosclerosis. <i>Epigenetics</i> , 2015, 10, 958-969.	1.3	155
117	BDNF promoter I methylation correlates between post-mortem human peripheral and brain tissues. <i>Neuroscience Research</i> , 2015, 91, 1-7.	1.0	64
118	Monoamine-Sensitive Developmental Periods Impacting Adult Emotional and Cognitive Behaviors. <i>Neuropsychopharmacology</i> , 2015, 40, 88-112.	2.8	128
119	DNA Methylation and Neurology. , 2016, , 273-287.		0
120	Sculpting infant soothability: the role of prenatal SSRI antidepressant exposure and neonatal <i>SLC6A4</i> methylation status. <i>Developmental Psychobiology</i> , 2016, 58, 745-758.	0.9	16
121	Genetic moderation of the association between adolescent romantic involvement and depression: Contributions of serotonin transporter gene polymorphism, chronic stress, and family discord. <i>Development and Psychopathology</i> , 2016, 28, 447-457.	1.4	3
123	Summaries of plenary, symposia, and oral sessions at the XXII World Congress of Psychiatric Genetics, Copenhagen, Denmark, 12â€“16 October 2014. <i>Psychiatric Genetics</i> , 2016, 26, 1-47.	0.6	0
124	Validation of differential <i>GDAP1</i> DNA methylation in alcohol dependence and its potential function as a biomarker for disease severity and therapy outcome. <i>Epigenetics</i> , 2016, 11, 456-463.	1.3	27
125	A Contextual-Genetics Approach to Adolescent Drug Use and Sexual Risk Behavior. , 2016, , 399-426.		0
126	Serotonin Transporter Gene (<i>SLC6A4</i>) Methylation Associates With Neonatal Intensive Care Unit Stay and 3â€œMonthâ€œOld Temperament in Preterm Infants. <i>Child Development</i> , 2016, 87, 38-48.	1.7	73
127	Association between reduced white matter integrity in the corpus callosum and serotonin transporter gene DNA methylation in medication-naïve patients with major depressive disorder. <i>Translational Psychiatry</i> , 2016, 6, e866-e866.	2.4	80
128	Association Study and Meta-Analysis of Polymorphisms, Methylation Profiles, and Peripheral mRNA Expression of the Serotonin Transporter Gene in Patients with Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2016, 41, 334-347.	0.7	16



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129	An Exploratory Association Study of Alcohol Use Disorder and <scp>DNA</scp> Methylation. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1633-1640.	1.4	43
130	DNA co-methylation modules in postmortem prefrontal cortex tissues of European Australians with alcohol use disorders. <i>Scientific Reports</i> , 2016, 6, 19430.	1.6	68
131	Association study of polymorphism in the serotonin transporter gene promoter, methylation profiles, and expression in patients with major depressive disorder. <i>Human Psychopharmacology</i> , 2016, 31, 193-199.	0.7	35
132	Role of the 5-HTTLPR and SNP Promoter Polymorphisms on Serotonin Transporter Gene Expression: a Closer Look at Genetic Architecture and In Vitro Functional Studies of Common and Uncommon Allelic Variants. <i>Molecular Neurobiology</i> , 2016, 53, 5510-5526.	1.9	63
133	Variation in the Serotonin Transporter Gene and Alcoholism: Risk and Response to Pharmacotherapy. <i>Alcohol and Alcoholism</i> , 2016, 51, 164-171.	0.9	31
134	A review of 5-HT transporter linked promoter region (5-HTTLPR) polymorphism and associations with alcohol use problems and sexual risk behaviors. <i>Journal of Community Genetics</i> , 2016, 7, 1-10.	0.5	9
135	Developmental changes in serotonin signaling: Implications for early brain function, behavior and adaptation. <i>Neuroscience</i> , 2017, 342, 212-231.	1.1	180
136	Effects of the serotonin transporter gene, sensitivity of response to alcohol, and parental monitoring on risk for problem alcohol use. <i>Alcohol</i> , 2017, 59, 7-16.	0.8	14
137	Alcohol and nicotine codependence-associated DNA methylation changes in promoter regions of addiction-related genes. <i>Scientific Reports</i> , 2017, 7, 41816.	1.6	15
138	Epigenetic programming of the neuroendocrine stress response by adult life stress. <i>Journal of Molecular Endocrinology</i> , 2017, 59, R11-R31.	1.1	63
139	DNA Methylation in Major Depressive Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2017, 978, 185-196.	0.8	30
140	Methylation Status of the Serotonin Transporter Promoter CpG Island Is Associated With Major Depressive Disorder in Chinese Han Population. <i>Journal of Nervous and Mental Disease</i> , 2017, 205, 641-646.	0.5	11
141	An integrative review of methylation at the serotonin transporter gene and its dialogue with environmental risk factors, psychopathology and 5-HTTLPR. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 72, 190-209.	2.9	58
142	Looking Beyond the 5-HTTLPR Polymorphism: Genetic and Epigenetic Layers of Regulation Affecting the Serotonin Transporter Gene Expression. <i>Molecular Neurobiology</i> , 2017, 54, 8386-8403.	1.9	38
143	Serotonergic <i>5HTTLPR</i>/rs25531 sâ€allele homozygosity associates with violent suicides in male citalopram users. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 691-700.	1.1	9
144	DNA methylation signatures of chronic alcohol dependence in purified CD3+ T-cells of patients undergoing alcohol treatment. <i>Scientific Reports</i> , 2017, 7, 6605.	1.6	12
145	Serotonin transporter gene promoter methylation in peripheral cells in healthy adults: Neural correlates and tissue specificity. <i>European Neuropsychopharmacology</i> , 2017, 27, 1032-1041.	0.3	16
146	A review of DNA methylation in depression. <i>Journal of Clinical Neuroscience</i> , 2017, 43, 39-46.	0.8	119

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147	Neighborhood characteristics influence DNA methylation of genes involved in stress response and inflammation: The Multi-Ethnic Study of Atherosclerosis. <i>Epigenetics</i> , 2017, 12, 662-673.	1.3	118
148	Serotonin transporter gene promoter methylation status correlates with in vivo prefrontal 5-HTT availability and reward function in human obesity. <i>Translational Psychiatry</i> , 2017, 7, e1167-e1167.	2.4	21
149	An epigenome-wide DNA methylation study of PTSD and depression in World Trade Center responders. <i>Translational Psychiatry</i> , 2017, 7, e1158-e1158.	2.4	80
150	Review: DNA methylation and alcohol use disorders: Progress and challenges. <i>American Journal on Addictions</i> , 2017, 26, 502-515.	1.3	49
151	Stress, burnout and depression: A systematic review on DNA methylation mechanisms. <i>Journal of Psychosomatic Research</i> , 2017, 92, 34-44.	1.2	147
152	Consensus paper of the WFSBP Task Force on Genetics: Genetics, epigenetics and gene expression markers of major depressive disorder and antidepressant response. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 5-28.	1.3	75
153	Stress, Mood, and Pathways to Depression. , 2017, , 663-678.		1
154	Agreement in DNA methylation levels from the Illumina 450K array across batches, tissues, and time. <i>Epigenetics</i> , 2018, 13, 19-32.	1.3	39
155	Serotonin transporter gene expression predicts the worsening of suicidal ideation and suicide attempts along a long-term follow-up of a Major Depressive Episode. <i>European Neuropsychopharmacology</i> , 2018, 28, 401-414.	0.3	18
156	DNA Methylation and Psychiatric Disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 157, 175-232.	0.9	44
157	Transcriptional Regulators as Targets for Alcohol Pharmacotherapies. <i>Handbook of Experimental Pharmacology</i> , 2018, 248, 505-533.	0.9	4
158	Prevention of Early Substance Use Mediates, and Variation at SLC6A4 Moderates, SAAF Intervention Effects on OXTR Methylation. <i>Prevention Science</i> , 2018, 19, 90-100.	1.5	12
159	Neurological and neuropsychological effects of low and moderate prenatal alcohol exposure. <i>Acta Physiologica</i> , 2018, 222, e12892.	1.8	30
160	Testing bidirectional relationships between alcohol use and depressive symptoms: What is the role of the serotonin transporter gene?. <i>Alcohol</i> , 2018, 66, 69-75.	0.8	5
161	The effects of DNA methylation on human psychology. <i>Behavioural Brain Research</i> , 2018, 346, 47-65.	1.2	55
162	Association of Serotonin Transporter Gene Alujb Methylation with Major Depression, Amygdala Responsiveness, 5-HTTLPR/rs25531 Polymorphism, and Stress. <i>Neuropsychopharmacology</i> , 2018, 43, 1308-1316.	2.8	73
164	Genotype-dependent associations between serotonin transporter gene (SLC6A4) DNA methylation and late-life depression. <i>BMC Psychiatry</i> , 2018, 18, 282.	1.1	56
165	Progress in Epigenetics of Depression. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 157, 41-66.	0.9	65

#	ARTICLE	IF	CITATIONS
166	5-HTT mRNA level as a potential biomarker of treatment response in patients with major depression in a clinical trial. <i>Journal of Affective Disorders</i> , 2018, 238, 597-608.	2.0	24
167	Neuroepigenetics of Neurotrophin Signaling: Neurobiology of Anxiety and Affective Disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 158, 159-193.	0.9	14
168	Psychosomatic Medicine and Consultation-Liaison Psychiatry in the United States. , 2019, , 485-528.		0
169	Urban environment and psychiatric disorders: a review of the neuroscience and biology. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153940.	1.5	22
170	DNA Methylation Across the Serotonin Transporter Gene Following Marital Separation: A Pilot Study. <i>Annals of Behavioral Medicine</i> , 2019, 53, 1081-1087.	1.7	1
171	Stress, epigenetics and depression: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 139-152.	2.9	246
172	Lack of Association Between Serotonin Transporter Gene (SLC6A4) Promoter Methylation and Amygdala Response During Negative Emotion Processing in Individuals With Alcohol Dependence. <i>Alcohol and Alcoholism</i> , 2019, 54, 209-215.	0.9	5
173	Smoking moderates association of 5-HTTLPR and in vivo availability of serotonin transporters. <i>European Neuropsychopharmacology</i> , 2019, 29, 171-178.	0.3	8
174	Early-life adversity-induced long-term epigenetic programming associated with early onset of chronic physical aggression: Studies in humans and animals. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 258-277.	1.3	13
175	Epigenetics of Major Depressive Disorder. , 2020, , 29-37.		1
176	The relationship of tryptophan hydroxylase-2 methylation to early-life stress and its impact on short-term antidepressant treatment response. <i>Journal of Affective Disorders</i> , 2020, 276, 850-858.	2.0	19
177	DNA Methyltransferases in Depression: An Update. <i>Frontiers in Psychiatry</i> , 2020, 11, 538683.	1.3	16
178	Increased methylation of NR3C1 and SLC6A4 is associated with blunted cortisol reactivity to stress in major depression. <i>Neurobiology of Stress</i> , 2020, 13, 100272.	1.9	25
179	Trauma and Gene Expression: Understanding the Connections. <i>Social Work Research</i> , 2020, 44, 7-20.	0.3	0
180	Promoter Activity-Based Case-Control Association Study on <i>SLC6A4</i> Highlighting Hypermethylation and Altered Amygdala Volume in Male Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 1577-1586.	2.3	15
181	Serotonin Transporter Gene Promoter Hypomethylation as a Predictor of Antidepressant Treatment Response in Major Depression: A Replication Study. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 191-199.	1.0	19
183	Brain Imaging and the Mechanisms of Antidepressant Action. , 2021, , 248-260.		0
184	Brain Imaging of Reward Dysfunction in Unipolar and Bipolar Disorders. , 2021, , 39-48.		0

#	ARTICLE	IF	CITATIONS
185	Molecular Imaging of Dopamine and Antipsychotics in Bipolar Disorder. , 2021, , 236-247.		0
186	Association of serotonin system-related genes with homicidal behavior and criminal aggression in a prison population of Pakistani Origin. Scientific Reports, 2021, 11, 1670.	1.6	4
187	Magnetoencephalography Studies in Mood Disorders. , 2021, , 192-205.		0
189	Functional Near-Infrared Spectroscopy Studies in Mood Disorders. , 2021, , 166-174.		0
191	Neuroimaging Studies of Effects of Psychotherapy in Depression. , 2021, , 261-272.		0
192	Neuroimaging Brain Inflammation in Mood Disorders. , 2021, , 121-134.		0
193	An Overview of Machine Learning Applications in Mood Disorders. , 2021, , 206-218.		0
194	Electrophysiological Biomarkers for Mood Disorders. , 2021, , 175-191.		1
195	Epigenetic landscape of stress surfeit disorders: Key role for DNA methylation dynamics. International Review of Neurobiology, 2021, 156, 127-183.	0.9	8
196	Neuroanatomical Findings in Bipolar Disorder. , 2021, , 16-27.		0
197	Imaging Glutamatergic and GABAergic Abnormalities in Mood Disorders. , 2021, , 105-120.		0
198	Magnetic Resonance Spectroscopy Investigations of Bioenergy and Mitochondrial Function in Mood Disorders. , 2021, , 83-104.		0
199	Brain Imaging Methods in Mood Disorders. , 2021, , 1-6.		0
200	Effects of Lithium on Brain Structure in Bipolar Disorder. , 2021, , 219-235.		1
201	Treatment-Resistant Depression Revisited: A Glimmer of Hope. Journal of Personalized Medicine, 2021, 11, 155.	1.1	44
202	Alcohol and melatonin. Chronobiology International, 2021, 38, 785-800.	0.9	12
203	Factors related to age at depression onset: the role of SLC6A4 methylation, sex, exposure to stressful life events and personality in a sample of inpatients suffering from major depression. BMC Psychiatry, 2021, 21, 167.	1.1	16
204	Effects of CRMP2 DNA Methylation in the Hippocampus on Depressive-Like Behaviors and Cytoskeletal Proteins in Rats. Frontiers in Cellular Neuroscience, 2021, 15, 644663.	1.8	9

#	ARTICLE	IF	CITATIONS
205	The 5-HTTLPR-rs25531 S-A-S-A Haplotype and Chronic Stress Moderate the Association Between Acute Stress and Internalizing Mental Disorders Among HIV+ Children and Adolescents in Uganda. <i>Frontiers in Genetics</i> , 2021, 12, 649055.	1.1	2
206	Association Study of SLC6A4 (5-HTTLPR) Polymorphism and Its Promoter Methylation with Rehabilitation Outcome in Patients with Subacute Stroke. <i>Genes</i> , 2021, 12, 579.	1.0	5
207	The biology of burnout: Causes and consequences. <i>World Journal of Biological Psychiatry</i> , 2021, 22, 686-698.	1.3	49
208	Neuroimaging Biomarkers in Pediatric Mood Disorders. , 2021, , 28-38.		0
209	Neuroanatomical Findings in Unipolar Depression and the Role of the Hippocampus. , 2021, , 7-15.		0
210	Functional Connectome in Bipolar Disorder. , 2021, , 59-82.		0
211	Resting-State Functional Connectivity in Unipolar Depression. , 2021, , 49-58.		0
212	Imaging Genetic and Epigenetic Markers in Mood Disorders. , 2021, , 135-150.		0
213	fMRI Neurofeedback as Treatment for Depression. , 2021, , 151-165.		0
214	Epigenetics of Psychopathology. , 2014, , 283-309.		4
215	Functional Magnetic Resonance Imaging in Developmental Psychopathology: The Brain as a Window into the Development and Treatment of Psychopathology. , 2014, , 265-286.		1
216	Epigenetics in Psychiatry. , 2011, , 163-174.		4
217	Advance in Stress for Depressive Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1180, 147-178.	0.8	56
218	DNA Methylation Analysis of the Angiotensin Converting Enzyme (ACE) Gene in Major Depression. <i>PLoS ONE</i> , 2012, 7, e40479.	1.1	68
219	Change in DNA Methylation Patterns of SLC6A4 Gene in the Gastric Mucosa in Functional Dyspepsia. <i>PLoS ONE</i> , 2014, 9, e105565.	1.1	6
220	Epigenetic Changes Caused by Occupational Stress in Humans Revealed through Noninvasive Assessment of DNA Methylation of the Tyrosine Hydroxylase Gene. <i>Journal of Neurology and Neurological Disorders</i> , 2015, 2, .	0.0	4
221	Serotonin-related pathways and developmental plasticity: relevance for psychiatric disorders. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 29-41.	1.8	53
223	Clinical Implications of Genetic Variation in the Serotonin Transporter Promoter Region. <i>Primary Care Companion To the Journal of Clinical Psychiatry</i> , 2009, 11, 93-102.	0.6	39

#	ARTICLE	IF	CITATIONS
224	Neurogenetics and Epigenetics in Impulsive Behaviour: Impact on Reward Circuitry. <i>Journal of Genetic Syndromes &amp; Gene Therapy</i> , 2012, 03, 1000115.	0.2	31
225	Epigenetic Changes of Serotonin Transporter in the Patients with Alcohol Dependence: Methylation of an Serotonin Transporter Promoter CpG Island. <i>Psychiatry Investigation</i> , 2011, 8, 130.	0.7	17
227	Neural Foundations of Major Depression: Classical Approaches and New Frontiers. , 2011, , 90-107.		0
228	Chapitre 3. Neurobiologie de l'addiction. , 2014, , 25-54.		1
229	The Light Side of Preterm Behavioral Epigenetics. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2016, , 107-127.	0.1	1
230	Impulse Control Behavior in Movement Disorders: Focus on Restless Leg Syndrome. , 2017, , 229-244.		0
231	Implications of Epigenetics in Developmental Care of Preterm Infants in the NICU: Preterm Behavioral Epigenetics. , 2017, , 295-310.		0
232	The Developmental Neuroepigenetics of Substance Abuse. <i>Journal of Drug and Alcohol Research</i> , 2018, 7, 1-27.	0.9	3
233	Substance Dependence: Overview of the Environmental, Genetic, Epigenetic, and Imaging Studies. , 2019, , 101-125.		0
234	Serotonin Transporter Gene. , 2020, , 2016-2018.		0
235	Methylation of BDNF and SLC6A4 Gene Promoters in Brazilian Patients With Temporal Lobe Epilepsy Presenting or Not Psychiatric Comorbidities. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 764742.	1.0	5
236	Sex-dependent DNA hypermethylation of SLC6A4 in patients with schizophrenia. <i>Neuroscience Letters</i> , 2022, 769, 136394.	1.0	4
237	Neurobiological correlates of burnout. <i>Telangana Journal of Psychiatry</i> , 2021, 7, 87.	0.0	1
238	DNA Methylation in Depression and Depressive-Like Phenotype: Biomarker or Target of Pharmacological Intervention?. <i>Current Neuropharmacology</i> , 2022, 20, 2267-2291.	1.4	3
239	Can epigenetics shine a light on the biological pathways underlying major mental disorders?. <i>Psychological Medicine</i> , 2022, 52, 1645-1665.	2.7	16
240	Genome-wide DNA methylation profiles of autism spectrum disorder. <i>Psychiatric Genetics</i> , 2022, 32, 131-145.	0.6	4
241	Additive serotonergic genetic sensitivity and cortisol reactivity to lab-based social evaluative stress: Influence of severity across two samples. <i>Psychoneuroendocrinology</i> , 2022, 142, 105767.	1.3	2
243	Serotonin transporter gene methylation and emotional regulation in preschool children born preterm: A longitudinal evaluation of the role of negative emotionality in infancy. <i>Infant Mental Health Journal</i> , 2022, 43, 589-596.	0.7	1

#	ARTICLE	IF	CITATIONS
245	Are the epigenetic changes predictive of therapeutic efficacy for psychiatric disorders? A translational approach towards novel drug targets. , 2023, 241, 108279.		17
246	Validation of serotonin transporter <scp>mRNA</scp> as a quantitative biomarker of heavy drinking and its comparison to ethyl glucuronide/ethyl sulfate: A randomized, double-blind, crossover trial. Alcoholism: Clinical and Experimental Research, 0, , .	1.4	3
247	Identification of diagnostic gene biomarkers related to immune infiltration in patients with idiopathic pulmonary fibrosis based on bioinformatics strategies. Frontiers in Medicine, 0, 9, .	1.2	8
248	Methylation of the serotonin reuptake transporter gene and non-motor symptoms in dystonia patients. Clinical Epigenetics, 2022, 14, .	1.8	2
250	Epigenetic regulation in major depression and other stress-related disorders: molecular mechanisms, clinical relevance and therapeutic potential. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	5
253	Identification of genes regulated by trait sensitivity to negative feedback and prolonged alcohol consumption in rats. Pharmacological Reports, 2024, 76, 207-215.	1.5	0