

Klaus-Peter Lesch

List of Publications by Year in descending order

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652
papers

63,356
citations

993

114
h-index

1413

221
g-index

680
all docs

680
docs citations

680
times ranked

41803
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Anxiety-Related Traits with a Polymorphism in the Serotonin Transporter Gene Regulatory Region. <i>Science</i> , 1996, 274, 1527-1531.	6.0	4,817
2	Identification of risk loci with shared effects on five major psychiatric disorders: a genome-wide analysis. <i>Lancet</i> , The, 2013, 381, 1371-1379.	6.3	2,643
3	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013, 45, 984-994.	9.4	2,067
4	Allelic Variation of Human Serotonin Transporter Gene Expression. <i>Journal of Neurochemistry</i> , 1996, 66, 2621-2624.	2.1	1,938
5	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , 2019, 51, 63-75.	9.4	1,594
6	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
7	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019, 179, 1469-1482.e11.	13.5	935
8	Long story short: the serotonin transporter in emotion regulation and social cognition. <i>Nature Neuroscience</i> , 2007, 10, 1103-1109.	7.1	923
9	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015, 18, 199-209.	7.1	701
10	Altered Brain Serotonin Homeostasis and Locomotor Insensitivity to 3,4-Methylenedioxymethamphetamine (Ecstasy) in Serotonin Transporter-Deficient Mice. <i>Molecular Pharmacology</i> , 1998, 53, 649-655.	1.0	659
11	Neural stem cell proliferation is decreased in schizophrenia, but not in depression. <i>Molecular Psychiatry</i> , 2006, 11, 514-522.	4.1	583
12	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , the, 2017, 4, 310-319.	3.7	565
13	Excess of High Activity Monoamine Oxidase A Gene Promoter Alleles in Female Patients with Panic Disorder. <i>Human Molecular Genetics</i> , 1999, 8, 621-624.	1.4	563
14	Organization of the human serotonin transporter gene. <i>Journal of Neural Transmission</i> , 1994, 95, 157-162.	1.4	541
15	Primary Structure of the Human Platelet Serotonin Uptake Site: Identity with the Brain Serotonin Transporter. <i>Journal of Neurochemistry</i> , 1993, 60, 2319-2322.	2.1	507
16	Simultaneous genotyping of four functional loci of human SLC6A4, with a reappraisal of 5-HTTLPR and rs25531. <i>Molecular Psychiatry</i> , 2006, 11, 224-226.	4.1	503
17	Cocaine reward models: Conditioned place preference can be established in dopamine- and in serotonin-transporter knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 7699-7704.	3.3	458
18	Molecular mechanisms of cocaine reward: Combined dopamine and serotonin transporter knockouts eliminate cocaine place preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5300-5305.	3.3	435

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19	Meta-Analysis of Genome-Wide Association Studies of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 884-897.	0.3	423
20	Targeting the murine serotonin transporter: insights into human neurobiology. <i>Nature Reviews Neuroscience</i> , 2008, 9, 85-96.	4.9	402
21	Serotonin Transporter: Gene, Genetic Disorders, and Pharmacogenetics. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2004, 4, 109-123.	3.4	401
22	Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. <i>European Neuropsychopharmacology</i> , 2018, 28, 1059-1088.	0.3	398
23	Role of Serotonin in the Immune System and in Neuroimmune Interactions. <i>Brain, Behavior, and Immunity</i> , 1998, 12, 249-271.	2.0	397
24	Rearing condition and rh5-HTTLPR interact to influence limbic-hypothalamic-pituitary-adrenal axis response to stress in infant macaques. <i>Biological Psychiatry</i> , 2004, 55, 733-738.	0.7	395
25	Serotonin transporter gene polymorphism, differential early rearing, and behavior in rhesus monkey neonates. <i>Molecular Psychiatry</i> , 2002, 7, 1058-1063.	4.1	362
26	Looking on the Bright Side of Serotonin Transporter Gene Variation. <i>Biological Psychiatry</i> , 2011, 69, 513-519.	0.7	362
27	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	7.1	358
28	Molecular genetics of adult ADHD: converging evidence from genome-wide association and extended pedigree linkage studies. <i>Journal of Neural Transmission</i> , 2008, 115, 1573-1585.	1.4	356
29	Pharmacogenetic prediction of clozapine response. <i>Lancet, The</i> , 2000, 355, 1615-1616.	6.3	334
30	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. <i>Nature Genetics</i> , 2012, 44, 78-84.	9.4	334
31	Impaired Stress-Coping and Fear Extinction and Abnormal Corticolimbic Morphology in Serotonin Transporter Knock-Out Mice. <i>Journal of Neuroscience</i> , 2007, 27, 684-691.	1.7	333
32	Serotonin in the Modulation of Neural Plasticity and Networks: Implications for Neurodevelopmental Disorders. <i>Neuron</i> , 2012, 76, 175-191.	3.8	327
33	Beyond affect: A role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12224-12229.	3.3	320
34	Impulsivity, aggression, and serotonin: a molecular psychobiological perspective. <i>Behavioral Sciences and the Law</i> , 2000, 18, 581-604.	0.6	318
35	The genetics of attention deficit/hyperactivity disorder in adults, a review. <i>Molecular Psychiatry</i> , 2012, 17, 960-987.	4.1	317
36	Genetically driven variation in serotonin uptake: is there a link to affective spectrum, neurodevelopmental, and neurodegenerative disorders?. <i>Biological Psychiatry</i> , 1998, 44, 179-192.	0.7	312

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37	Association between the serotonin transporter promoter polymorphism and personality traits in a primarily female population sample. , 2000, 96, 202-216.		304
38	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	3.3	299
39	Neural correlates of epigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16033-16038.	3.3	294
40	Attenuated hypoxic pulmonary hypertension in mice lacking the 5-hydroxytryptamine transporter gene. Journal of Clinical Investigation, 2000, 105, 1555-1562.	3.9	290
41	Mice Lacking the Serotonin Transporter Exhibit 5-HT1A Receptor-Mediated Abnormalities in Tests for Anxiety-like Behavior. Neuropsychopharmacology, 2003, 28, 2077-2088.	2.8	289
42	Epigenetic regulation of the BDNF gene: implications for psychiatric disorders. Molecular Psychiatry, 2012, 17, 584-596.	4.1	262
43	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	4.0	261
44	Excessive Activation of Serotonin (5-HT) 1B Receptors Disrupts the Formation of Sensory Maps in Monoamine Oxidase A and 5-HT Transporter Knock-Out Mice. Journal of Neuroscience, 2001, 21, 884-896.	1.7	258
45	The 5-HT transporter gene-linked polymorphic region (5-HTTLPR) in evolutionary perspective: Alternative biallelic variation in rhesus monkeys. Journal of Neural Transmission, 1997, 104, 1259-1266.	1.4	254
46	Altered expression and functions of serotonin 5-HT1A and 5-HT1B receptors in knock-out mice lacking the 5-HT transporter. European Journal of Neuroscience, 2000, 12, 2299-2310.	1.2	253
47	The genome of the platyfish, <i>Xiphophorus maculatus</i> , provides insights into evolutionary adaptation and several complex traits. Nature Genetics, 2013, 45, 567-572.	9.4	251
48	Neural Hyporesponsiveness and Hyperresponsiveness During Immediate and Delayed Reward Processing in Adult Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2009, 65, 7-14.	0.7	249
49	Interaction Between Serotonin Transporter Gene Variation and Rearing Condition in Alcohol Preference and Consumption in Female Primates. Archives of General Psychiatry, 2004, 61, 1146.	13.8	246
50	A common variant of the latrophilin 3 gene, LPHN3, confers susceptibility to ADHD and predicts effectiveness of stimulant medication. Molecular Psychiatry, 2010, 15, 1053-1066.	4.1	245
51	Functional promoter and polyadenylation site mapping of the human serotonin (5-HT) transporter gene. Journal of Neural Transmission, 1995, 102, 247-254.	1.4	244
52	The utility of the non-human primate model for studying gene by environment interactions in behavioral research. Genes, Brain and Behavior, 2003, 2, 336-340.	1.1	242
53	Monoamine oxidase A gene promoter variation and rearing experience influences aggressive behavior in rhesus monkeys. Biological Psychiatry, 2005, 57, 167-172.	0.7	242
54	Genome-Wide Analysis of Copy Number Variants in Attention Deficit Hyperactivity Disorder: The Role of Rare Variants and Duplications at 15q13.3. American Journal of Psychiatry, 2012, 169, 195-204.	4.0	242

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55	A family based association study of T102C polymorphism in 5HT2A and schizophrenia plus identification of new polymorphisms in the promoter. <i>Molecular Psychiatry</i> , 1998, 3, 42-49.	4.1	232
56	Toward a molecular architecture of personality. <i>Behavioural Brain Research</i> , 2003, 139, 1-20.	1.2	231
57	Nature and Nurture Predispose to Violent Behavior: Serotonergic Genes and Adverse Childhood Environment. <i>Neuropsychopharmacology</i> , 2007, 32, 2375-2383.	2.8	230
58	Serotonin transporter (5-HTT) gene variants associated with autism?. <i>Human Molecular Genetics</i> , 1997, 6, 2233-2238.	1.4	228
59	Joint Analysis of Psychiatric Disorders Increases Accuracy of Risk Prediction for Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. <i>American Journal of Human Genetics</i> , 2015, 96, 283-294.	2.6	225
60	Reduction in the Density and Expression, But Not G-Protein Coupling, of Serotonin Receptors (5-HT _{1A}) in 5-HT Transporter Knock-Out Mice: Gender and Brain Region Differences. <i>Journal of Neuroscience</i> , 2000, 20, 7888-7895.	1.7	214
61	Barrel Pattern Formation Requires Serotonin Uptake by Thalamocortical Afferents, and Not Vesicular Monoamine Release. <i>Journal of Neuroscience</i> , 2001, 21, 6862-6873.	1.7	210
62	Allelic variation in 5-HT 1A receptor expression is associated with anxiety- and depression-related personality traits. <i>Journal of Neural Transmission</i> , 2003, 110, 1445-1453.	1.4	209
63	A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. <i>Molecular Psychiatry</i> , 2006, 11, 286-300.	4.1	204
64	Isolation of a cDNA encoding the human brain serotonin transporter. <i>Journal of Neural Transmission</i> , 1993, 91, 67-72.	1.4	201
65	How the serotonin story is being rewritten by new gene-based discoveries principally related to SLC6A4, the serotonin transporter gene, which functions to influence all cellular serotonin systems. <i>Neuropharmacology</i> , 2008, 55, 932-960.	2.0	199
66	The human serotonin transporter gene polymorphism-basic research and clinical implications. <i>Journal of Neural Transmission</i> , 1997, 104, 1005-1014.	1.4	197
67	Co-morbidity of adult attention-deficit/hyperactivity disorder with focus on personality traits and related disorders in a tertiary referral center. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 309-317.	1.8	196
68	Regional brain expression of serotonin transporter mRNA and its regulation by reuptake inhibiting antidepressants. <i>Molecular Brain Research</i> , 1993, 17, 31-35.	2.5	194
69	Sexual dichotomy of an interaction between early adversity and the serotonin transporter gene promoter variant in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12358-12363.	3.3	194
70	Genetic perspectives on the serotonin transporter. <i>Brain Research Bulletin</i> , 2001, 56, 487-494.	1.4	193
71	Splitting Schizophrenia: Periodic Catatoniaâ€“Susceptibility Locus on Chromosome 15q15. <i>American Journal of Human Genetics</i> , 2000, 67, 1201-1207.	2.6	192
72	Regional Differences in Extracellular Dopamine and Serotonin Assessed by In Vivo Microdialysis in Mice Lacking Dopamine and/or Serotonin Transporters. <i>Neuropsychopharmacology</i> , 2004, 29, 1790-1799.	2.8	188

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73	Analysis of DRD4 and DAT polymorphisms and behavioral inhibition in healthy adults: Implications for impulsivity. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 27-32.	1.1	188
74	Defeat stress in rodents: From behavior to molecules. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 59, 111-140.	2.9	185
75	Multicenter Analysis of the SLC6A3/DAT1 VNTR Haplotype in Persistent ADHD Suggests Differential Involvement of the Gene in Childhood and Persistent ADHD. <i>Neuropsychopharmacology</i> , 2010, 35, 656-664.	2.8	180
76	Association of a regulatory polymorphism in the promoter region of the monoamine oxidase A gene with antisocial alcoholism. <i>Psychiatry Research</i> , 1999, 86, 67-72.	1.7	178
77	In Vivo Association Between Alcohol Intoxication, Aggression, and Serotonin Transporter Availability in Nonhuman Primates. <i>American Journal of Psychiatry</i> , 1998, 155, 1023-1028.	4.0	174
78	Investigating the Contribution of Common Genetic Variants to the Risk and Pathogenesis of ADHD. <i>American Journal of Psychiatry</i> , 2012, 169, 186-194.	4.0	174
79	Amygdala responsiveness is modulated by tryptophan hydroxylase-2 gene variation. <i>Journal of Neural Transmission</i> , 2005, 112, 1479-1485.	1.4	172
80	Association between a functional polymorphism in the monoamine oxidase A gene promoter and major depressive disorder. <i>American Journal of Medical Genetics Part A</i> , 2000, 96, 801-803.	2.4	168
81	Altered serotonin synthesis, turnover and dynamic regulation in multiple brain regions of mice lacking the serotonin transporter. <i>Neuropharmacology</i> , 2005, 49, 798-810.	2.0	168
82	Animal models of depression in dopamine, serotonin, and norepinephrine transporter knockout mice: prominent effects of dopamine transporter deletions. <i>Behavioural Pharmacology</i> , 2008, 19, 566-574.	0.8	168
83	5-HT _{1A} receptor responsivity in unipolar depression Evaluation of ipsapirone-induced ACTH and cortisol secretion in patients and controls. <i>Biological Psychiatry</i> , 1990, 28, 620-628.	0.7	166
84	Serotonin transporter function is modulated by brain-derived neurotrophic factor (BDNF) but not nerve growth factor (NGF). <i>Neurochemistry International</i> , 2000, 36, 197-202.	1.9	165
85	Deficiency of brain 5-HT synthesis but serotonergic neuron formation in Tph2 knockout mice. <i>Journal of Neural Transmission</i> , 2008, 115, 1127-1132.	1.4	162
86	Meta-analysis of genome-wide linkage scans of attention deficit hyperactivity disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 1392-1398.	1.1	160
87	Dopamine and Cognitive Control: The Influence of Spontaneous Eyeblink Rate and Dopamine Gene Polymorphisms on Perseveration and Distractibility.. <i>Behavioral Neuroscience</i> , 2005, 119, 483-490.	0.6	159
88	Serotonin Transporter Gene Variation is Associated with Alcohol Sensitivity in Rhesus Macaques Exposed to Early-Life Stress. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 812-817.	1.4	158
89	Polygenic transmission and complex neuro developmental network for attention deficit hyperactivity disorder: Genome-wide association study of both common and rare variants. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 419-430.	1.1	157
90	Oxytocin Receptor Gene Methylation: Converging Multilevel Evidence for a Role in Social Anxiety. <i>Neuropsychopharmacology</i> , 2015, 40, 1528-1538.	2.8	155

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91	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.3	152
92	Case-Control Genome-Wide Association Study of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 906-920.	0.3	150
93	A splice variant of glutamate transporter GLT1/EAAT2 expressed in neurons: cloning and localization in rat nervous system. <i>Neuroscience</i> , 2002, 109, 45-61.	1.1	146
94	Serotonin transporter gene hypomethylation predicts impaired antidepressant treatment response. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1167-1176.	1.0	146
95	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2018, 83, 1044-1053.	0.7	146
96	Association of the functional V158M catechol-O-methyl-transferase polymorphism with panic disorder in women. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 183-188.	1.0	145
97	Genome-wide copy number variation analysis in attention-deficit/hyperactivity disorder: association with neuropeptide Y gene dosage in an extended pedigree. <i>Molecular Psychiatry</i> , 2011, 16, 491-503.	4.1	145
98	Transmission disequilibrium of polymorphic variants in the tryptophan hydroxylase-2 gene in attention-deficit/hyperactivity disorder. <i>Molecular Psychiatry</i> , 2005, 10, 1126-1132.	4.1	144
99	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	1.1	144
100	Pharmacogenetics of the serotonin transporter. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 1062-1073.	2.5	143
101	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	1.9	143
102	Regional brain activation changes and abnormal functional connectivity of the ventrolateral prefrontal cortex during working memory processing in adults with attention-deficit/hyperactivity disorder. <i>Human Brain Mapping</i> , 2009, 30, 2252-2266.	1.9	142
103	Tryptophan hydroxylase-2 gene variation influences personality traits and disorders related to emotional dysregulation. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 309.	1.0	141
104	Obsessive compulsive disorder, response to serotonin reuptake inhibitors and the serotonin transporter gene. <i>Molecular Psychiatry</i> , 1997, 2, 403-406.	4.1	140
105	Spatio-temporal expression of tryptophan hydroxylase isoforms in murine and human brain: Convergent data from Tph2 knockout mice. <i>European Neuropsychopharmacology</i> , 2009, 19, 266-282.	0.3	140
106	Association Analysis of a Regulatory Variation of the Serotonin Transporter Gene with Severe Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 1997, 21, 1356-1359.	1.4	139
107	MAOA gene hypomethylation in panic disorder: reversibility of an epigenetic risk pattern by psychotherapy. <i>Translational Psychiatry</i> , 2016, 6, e773-e773.	2.4	138
108	The ADHD-susceptibility gene Iphn3.1 modulates dopaminergic neuron formation and locomotor activity during zebrafish development. <i>Molecular Psychiatry</i> , 2012, 17, 946-954.	4.1	137

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109	Influence of Functional Variant of Neuronal Nitric Oxide Synthase on Impulsive Behaviors in Humans. <i>Archives of General Psychiatry</i> , 2009, 66, 41.	13.8	136
110	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	6.0	136
111	Serotonin transporter gene variants in alcohol-dependent subjects with dissocial personality disorder. <i>Biological Psychiatry</i> , 1998, 43, 908-912.	0.7	131
112	Identifying Molecular Substrates in a Mouse Model of the Serotonin Transporter Å— Environment Risk Factor for Anxiety and Depression. <i>Biological Psychiatry</i> , 2008, 63, 840-846.	0.7	130
113	Integrating Neurobiological Markers of Depression. <i>Archives of General Psychiatry</i> , 2010, 68, 361.	13.8	130
114	Targeting brain serotonin synthesis: insights into neurodevelopmental disorders with long-term outcomes related to negative emotionality, aggression and antisocial behaviour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2426-2443.	1.8	127
115	High Loading of Polygenic Risk for ADHD in Children With Comorbid Aggression. <i>American Journal of Psychiatry</i> , 2013, 170, 909-916.	4.0	127
116	Enhancement of serotonin transporter function by tumor necrosis factor alpha but not by interleukin-6. <i>Neurochemistry International</i> , 1998, 33, 251-254.	1.9	125
117	Interaction between BDNF Val66Met and Dopamine Transporter Gene Variation Influences Anxiety-Related Traits. <i>Neuropsychopharmacology</i> , 2007, 32, 2552-2560.	2.8	120
118	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	4.0	120
119	Functional promoter polymorphism of the human serotonin transporter. <i>Psychiatric Genetics</i> , 1997, 7, 45-48.	0.6	119
120	Prenatal stress and subsequent exposure to chronic mild stress in rats; interdependent effects on emotional behavior and the serotonergic system. <i>European Neuropsychopharmacology</i> , 2014, 24, 595-607.	0.3	119
121	Loss of brain-derived neurotrophic factor gene allele exacerbates brain monoamine deficiencies and increases stress abnormalities of serotonin transporter knockout mice. <i>Journal of Neuroscience Research</i> , 2005, 79, 756-771.	1.3	118
122	Neural response to reward anticipation is modulated by Gray's impulsivity. <i>NeuroImage</i> , 2009, 46, 1148-1153.	2.1	118
123	Serotonergic innervation of the amygdala: targets, receptors, and implications for stress and anxiety. <i>Histochemistry and Cell Biology</i> , 2013, 139, 785-813.	0.8	118
124	Insulin receptor in the brain: Mechanisms of activation and the role in the <scp>CNS</scp> pathology and treatment. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 763-774.	1.9	118
125	5-HT1A receptor responsivity in anxiety disorders and depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1991, 15, 723-733.	2.5	116
126	Experimental gene interaction studies with SERT mutant mice as models for human polygenic and epistatic traits and disorders. <i>Genes, Brain and Behavior</i> , 2003, 2, 350-364.	1.1	115

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127	Primary structure of the serotonin transporter in unipolar depression and bipolar disorder. <i>Biological Psychiatry</i> , 1995, 37, 215-223.	0.7	114
128	Absence of Thermal Hyperalgesia in Serotonin Transporter-Deficient Mice. <i>Journal of Neuroscience</i> , 2003, 23, 708-715.	1.7	114
129	Tryptophan hydroxylase-2 (TPH2) in disorders of cognitive control and emotion regulation: A perspective. <i>Psychoneuroendocrinology</i> , 2011, 36, 393-405.	1.3	113
130	Splitting Schizophrenia: Periodic Catatoniaâ€“Susceptibility Locus on Chromosome 15q15. <i>American Journal of Human Genetics</i> , 2000, 67, 1201-1207.	2.6	112
131	Allelic variation of serotonin transporter expression is associated with depression in Parkinson's disease. <i>Molecular Psychiatry</i> , 2001, 6, 350-352.	4.1	112
132	Allelic Variation of Serotonin Transporter Function Modulates the Brain Electrical Response for Error Processing. <i>Neuropsychopharmacology</i> , 2004, 29, 1506-1511.	2.8	111
133	Differential Functional Variability of Serotonin Transporter and Monoamine Oxidase A Genes in Macaque Species Displaying Contrasting Levels of Aggression-Related Behavior. <i>Behavior Genetics</i> , 2006, 36, 163-172.	1.4	110
134	Antidepressant Drugs Transactivate TrkB Neurotrophin Receptors in the Adult Rodent Brain Independently of BDNF and Monoamine Transporter Blockade. <i>PLoS ONE</i> , 2011, 6, e20567.	1.1	110
135	Glucocorticoidâ€“regulated human serotonin transporter (5â€“HTT) expression is modulated by the 5â€“HTT geneâ€“promotorâ€“linked polymorphic region. <i>Journal of Neurochemistry</i> , 2003, 86, 1072-1078.	2.1	109
136	Neurogenesis and schizophrenia: dividing neurons in a divided mind?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 290-299.	1.8	109
137	Early Life Blockade of 5-Hydroxytryptamine 1A Receptors Normalizes Sleep and Depression-Like Behavior in Adult Knock-Out Mice Lacking the Serotonin Transporter. <i>Journal of Neuroscience</i> , 2006, 26, 5554-5564.	1.7	107
138	Association of a functional â”1019C>G 5-HT1A receptor gene polymorphism with panic disorder with agoraphobia. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 189-192.	1.0	106
139	5-HT1A receptor-effector system responsivity in panic disorder. <i>Psychopharmacology</i> , 1992, 106, 111-117.	1.5	105
140	Adaptive changes of serotonin 5-HT2A receptors in mice lacking the serotonin transporter. <i>Neuroscience Letters</i> , 1999, 262, 113-116.	1.0	105
141	Epigenetically regulated microRNAs in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 731-745.	1.5	105
142	Corticotropin and Cortisol Secretion after Central 5-Hydroxytryptamine-1A (5-HT1A) Receptor Activation: Effects of 5-HT Receptor andÎ²-Adrenoceptor Antagonists. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990, 70, 670-674.	1.8	104
143	Genome-wide linkage analysis of ADHD using high-density SNP arrays: novel loci at 5q13.1 and 14q12. <i>Molecular Psychiatry</i> , 2008, 13, 522-530.	4.1	104
144	Allelic functional variation of serotonin transporter expression is a susceptibility factor for late onset Alzheimer's disease. <i>NeuroReport</i> , 1997, 8, 683-686.	0.6	103

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145	Serotonin uptake into dopamine neurons via dopamine transporters: a compensatory alternative. <i>Brain Research</i> , 2002, 942, 109-119.	1.1	102
146	Genetic architecture of 11 major psychiatric disorders at biobehavioral, functional genomic and molecular genetic levels of analysis. <i>Nature Genetics</i> , 2022, 54, 548-559.	9.4	101
147	Cocaine mechanisms: enhanced cocaine, fluoxetine and nisoxetine place preferences following monoamine transporter deletions. <i>Neuroscience</i> , 2002, 115, 153-161.	1.1	99
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