

Klaus-Peter Lesch

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642 papers	51,650 citations	110 h-index	206 g-index
677 ext. papers	58,070 ext. citations	5.9 avg, IF	7.65 L-index

#	Paper	IF	Citations
642	Association of anxiety-related traits with a polymorphism in the serotonin transporter gene regulatory region. <i>Science</i> , 1996 , 274, 1527-31	33.3	4358
641	Identification of risk loci with shared effects on five major psychiatric disorders: a genome-wide analysis. <i>Lancet, The</i> , 2013 , 381, 1371-1379	40	2112
640	Allelic variation of human serotonin transporter gene expression. <i>Journal of Neurochemistry</i> , 1996 , 66, 2621-4	6	1675
639	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. <i>Nature Genetics</i> , 2013 , 45, 984-94	36.3	1628
638	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. <i>Nature Genetics</i> , 2019 , 51, 63-75	36.3	826
637	Long story short: the serotonin transporter in emotion regulation and social cognition. <i>Nature Neuroscience</i> , 2007 , 10, 1103-9	25.5	802
636	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
635	Altered brain serotonin homeostasis and locomotor insensitivity to 3, 4-methylenedioxymethamphetamine ("Ecstasy") in serotonin transporter-deficient mice. <i>Molecular Pharmacology</i> , 1998 , 53, 649-55	4.3	598
634	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. <i>Nature Neuroscience</i> , 2015 , 18, 199-209	25.5	572
633	Excess of high activity monoamine oxidase A gene promoter alleles in female patients with panic disorder. <i>Human Molecular Genetics</i> , 1999 , 8, 621-4	5.6	517
632	Neural stem cell proliferation is decreased in schizophrenia, but not in depression. <i>Molecular Psychiatry</i> , 2006 , 11, 514-22	15.1	509
631	Organization of the human serotonin transporter gene. <i>Journal of Neural Transmission</i> , 1994 , 95, 157-62	4.3	481
630	Primary structure of the human platelet serotonin uptake site: identity with the brain serotonin transporter. <i>Journal of Neurochemistry</i> , 1993 , 60, 2319-22	6	473
629	Simultaneous genotyping of four functional loci of human SLC6A4, with a reappraisal of 5-HTTLPR and rs25531. <i>Molecular Psychiatry</i> , 2006 , 11, 224-6	15.1	458
628	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , 2019 , 179, 1469-1482.e11	56.2	402
627	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, 7699-704	11.5	397
626	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, 5300-5	11.5	389

625	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, 733-8	7.9	368
624	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, 884-97	7.2	357
623	Serotonin transporter: gene, genetic disorders, and pharmacogenetics. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2004 , 4, 109-23		356
622	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017 , 4, 310-319	23.3	354
621	Role of serotonin in the immune system and in neuroimmune interactions. <i>Brain, Behavior, and Immunity</i> , 1998 , 12, 249-71	16.6	352
620	Targeting the murine serotonin transporter: insights into human neurobiology. <i>Nature Reviews Neuroscience</i> , 2008 , 9, 85-96	13.5	345
619	Serotonin transporter gene polymorphism, differential early rearing, and behavior in rhesus monkey neonates. <i>Molecular Psychiatry</i> , 2002 , 7, 1058-63	15.1	331
618	Molecular genetics of adult ADHD: converging evidence from genome-wide association and extended pedigree linkage studies. <i>Journal of Neural Transmission</i> , 2008 , 115, 1573-85	4.3	316
617	Looking on the bright side of serotonin transporter gene variation. <i>Biological Psychiatry</i> , 2011 , 69, 513-97.9		315
616	Impaired stress-coping and fear extinction and abnormal corticolimbic morphology in serotonin transporter knock-out mice. <i>Journal of Neuroscience</i> , 2007 , 27, 684-91	6.6	307
615	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, 12224-9	11.5	299
614	Genetically driven variation in serotonin uptake: is there a link to affective spectrum, neurodevelopmental, and neurodegenerative disorders?. <i>Biological Psychiatry</i> , 1998 , 44, 179-92	7.9	296
613	Pharmacogenetic prediction of clozapine response. <i>Lancet, The</i> , 2000 , 355, 1615-6	4.0	293
612	Genome-wide copy number variation study associates metabotropic glutamate receptor gene networks with attention deficit hyperactivity disorder. <i>Nature Genetics</i> , 2011 , 44, 78-84	36.3	279
611	Impulsivity, aggression, and serotonin: a molecular psychobiological perspective. <i>Behavioral Sciences and the Law</i> , 2000 , 18, 581-604	1.9	269
610	Neural correlates of epigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16033-8	11.5	263
609	Association between the serotonin transporter promoter polymorphism and personality traits in a primarily female population sample. <i>American Journal of Medical Genetics Part A</i> , 2000 , 96, 202-16		256
608	Attenuated hypoxic pulmonary hypertension in mice lacking the 5-hydroxytryptamine transporter gene. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1555-62	15.9	254

607	Mice lacking the serotonin transporter exhibit 5-HT(1A) receptor-mediated abnormalities in tests for anxiety-like behavior. <i>Neuropsychopharmacology</i> , 2003 , 28, 2077-88	8.7	253
606	The genetics of attention deficit/hyperactivity disorder in adults, a review. <i>Molecular Psychiatry</i> , 2012 , 17, 960-87	15.1	246
605	Serotonin in the modulation of neural plasticity and networks: implications for neurodevelopmental disorders. <i>Neuron</i> , 2012 , 76, 175-91	13.9	244
604	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. <i>Journal of Neuroscience</i> , 2001 , 21, 884-96	6.6	241
603	Altered expression and functions of serotonin 5-HT1A and 5-HT1B receptors in knock-out mice lacking the 5-HT transporter. <i>European Journal of Neuroscience</i> , 2000 , 12, 2299-310	3.5	233
602	Interaction between serotonin transporter gene variation and rearing condition in alcohol preference and consumption in female primates. <i>Archives of General Psychiatry</i> , 2004 , 61, 1146-52		230
601	The 5-HT transporter gene-linked polymorphic region (5-HTTLPR) in evolutionary perspective: alternative biallelic variation in rhesus monkeys. Rapid communication. <i>Journal of Neural Transmission</i> , 1997 , 104, 1259-66	4.3	226
600	Monoamine oxidase A gene promoter variation and rearing experience influences aggressive behavior in rhesus monkeys. <i>Biological Psychiatry</i> , 2005 , 57, 167-72	7.9	224
599	The utility of the non-human primate; model for studying gene by environment interactions in behavioral research. <i>Genes, Brain and Behavior</i> , 2003 , 2, 336-40	3.6	222
598	Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. <i>European Neuropsychopharmacology</i> , 2018 , 28, 1059-1088	1.2	216
597	Neural hyporesponsiveness and hyperresponsiveness during immediate and delayed reward processing in adult attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2009 , 65, 7-14	7.9	214
596	Functional promoter and polyadenylation site mapping of the human serotonin (5-HT) transporter gene. <i>Journal of Neural Transmission</i> , 1995 , 102, 247-54	4.3	214
595	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, 42-9	15.1	212
594	Epigenetic regulation of the BDNF gene: implications for psychiatric disorders. <i>Molecular Psychiatry</i> , 2012 , 17, 584-96	15.1	211
593	Toward a molecular architecture of personality. <i>Behavioural Brain Research</i> , 2003 , 139, 1-20	3.4	206
592	Nature and nurture predispose to violent behavior: serotonergic genes and adverse childhood environment. <i>Neuropsychopharmacology</i> , 2007 , 32, 2375-83	8.7	205
591	The genome of the platyfish, <i>Xiphophorus maculatus</i> , provides insights into evolutionary adaptation and several complex traits. <i>Nature Genetics</i> , 2013 , 45, 567-72	36.3	201
590	A common variant of the latrophilin 3 gene, LPHN3, confers susceptibility to ADHD and predicts effectiveness of stimulant medication. <i>Molecular Psychiatry</i> , 2010 , 15, 1053-66	15.1	199

589	Reduction in the density and expression, but not G-protein coupling, of serotonin receptors (5-HT1A) in 5-HT transporter knock-out mice: gender and brain region differences. <i>Journal of Neuroscience</i> , 2000 , 20, 7888-95	6.6	198
588	Genome-wide analysis of copy number variants in attention deficit hyperactivity disorder: the role of rare variants and duplications at 15q13.3. <i>American Journal of Psychiatry</i> , 2012 , 169, 195-204	11.9	195
587	Serotonin transporter (5-HTT) gene variants associated with autism?. <i>Human Molecular Genetics</i> , 1997 , 6, 2233-8	5.6	195
586	Allelic variation in 5-HT1A receptor expression is associated with anxiety- and depression-related personality traits. <i>Journal of Neural Transmission</i> , 2003 , 110, 1445-53	4.3	194
585	Barrel pattern formation requires serotonin uptake by thalamocortical afferents, and not vesicular monoamine release. <i>Journal of Neuroscience</i> , 2001 , 21, 6862-73	6.6	191
584	Isolation of a cDNA encoding the human brain serotonin transporter. <i>Journal of Neural Transmission</i> , 1993 , 91, 67-72	4.3	191
583	A neuronal nitric oxide synthase (NOS-I) haplotype associated with schizophrenia modifies prefrontal cortex function. <i>Molecular Psychiatry</i> , 2006 , 11, 286-300	15.1	185
582	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5154-E5163	11.5	182
581	The human serotonin transporter gene polymorphism--basic research and clinical implications. <i>Journal of Neural Transmission</i> , 1997 , 104, 1005-14	4.3	180
580	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, 12358-63	11.5	179
579	Regional brain expression of serotonin transporter mRNA and its regulation by reuptake inhibiting antidepressants. <i>Molecular Brain Research</i> , 1993 , 17, 31-5		179
578	Genetic perspectives on the serotonin transporter. <i>Brain Research Bulletin</i> , 2001 , 56, 487-94	3.9	174
577	Splitting Schizophrenia: Periodic Catatonia Susceptibility Locus on Chromosome 15q15. <i>American Journal of Human Genetics</i> , 2000 , 67, 1201-1207	11	172
576	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, 932-60	5.5	170
575	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, 1790-9	8.7	166
574	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	9.9	165
573	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	3.5	163
572	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, 283-94	11	161

571	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, 309-17	5.1	159
570	Amygdala responsiveness is modulated by tryptophan hydroxylase-2 gene variation. <i>Journal of Neural Transmission</i> , 2005 , 112, 1479-85	4.3	159
569	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, 620-8	7.9	158
568	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019 , 22, 1617-1623	25.5	157
567	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	4.4	156
566	In vivo association between alcohol intoxication, aggression, and serotonin transporter availability in nonhuman primates. <i>American Journal of Psychiatry</i> , 1998 , 155, 1023-8	11.9	156
565	Altered serotonin synthesis, turnover and dynamic regulation in multiple brain regions of mice lacking the serotonin transporter. <i>Neuropharmacology</i> , 2005 , 49, 798-810	5.5	150
564	Investigating the contribution of common genetic variants to the risk and pathogenesis of ADHD. <i>American Journal of Psychiatry</i> , 2012 , 169, 186-94	11.9	147
563	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		147
562	Defeat stress in rodents: From behavior to molecules. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 59, 111-40	9	144
561	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, 656-64	8.7	144
560	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, 812-7	3.7	142
559	Animal models of depression in dopamine, serotonin, and norepinephrine transporter knockout mice: prominent effects of dopamine transporter deletions. <i>Behavioural Pharmacology</i> , 2008 , 19, 566-74	2.4	139
558	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	3.9	138
557	Dopamine and cognitive control: the influence of spontaneous eyeblink rate and dopamine gene polymorphisms on perseveration and distractibility. <i>Behavioral Neuroscience</i> , 2005 , 119, 483-90	2.1	137
556	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, 906-20	7.2	131
555	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, 1392-8	3.5	131
554	Association of the functional V158M catechol-O-methyl-transferase polymorphism with panic disorder in women. <i>International Journal of Neuropsychopharmacology</i> , 2004 , 7, 183-8	5.8	129

553	Obsessive compulsive disorder, response to serotonin reuptake inhibitors and the serotonin transporter gene. <i>Molecular Psychiatry</i> , 1997 , 2, 403-6	15.1	128
552	Pharmacogenetics of the serotonin transporter. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005 , 29, 1062-73	5.5	128
551	Transmission disequilibrium of polymorphic variants in the tryptophan hydroxylase-2 gene in attention-deficit/hyperactivity disorder. <i>Molecular Psychiatry</i> , 2005 , 10, 1126-32	15.1	128
550	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	3.7	127
549	Deficiency of brain 5-HT synthesis but serotonergic neuron formation in Tph2 knockout mice. <i>Journal of Neural Transmission</i> , 2008 , 115, 1127-32	4.3	126
548	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 , 162B, 419-430	3.5	125
547	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	15.1	124
546	Influence of functional variant of neuronal nitric oxide synthase on impulsive behaviors in humans. <i>Archives of General Psychiatry</i> , 2009 , 66, 41-50		122
545	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014 , 24, 5-50	1.2	121
544	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019 , 176, 531-542	11.9	120
543	Serotonin transporter gene variants in alcohol-dependent subjects with dissocial personality disorder. <i>Biological Psychiatry</i> , 1998 , 43, 908-12	7.9	120
542	Oxytocin receptor gene methylation: converging multilevel evidence for a role in social anxiety. <i>Neuropsychopharmacology</i> , 2015 , 40, 1528-38	8.7	118
541	Enhancement of serotonin transporter function by tumor necrosis factor alpha but not by interleukin-6. <i>Neurochemistry International</i> , 1998 , 33, 251-4	4.4	118
540	Identifying molecular substrates in a mouse model of the serotonin transporter x environment risk factor for anxiety and depression. <i>Biological Psychiatry</i> , 2008 , 63, 840-6	7.9	116
539	Tryptophan hydroxylase-2 gene variation influences personality traits and disorders related to emotional dysregulation. <i>International Journal of Neuropsychopharmacology</i> , 2007 , 10, 309-20	5.8	116
538	Functional promoter polymorphism of the human serotonin transporter: lack of association with panic disorder. <i>Psychiatric Genetics</i> , 1997 , 7, 45-7	2.9	115
537	Spatio-temporal expression of tryptophan hydroxylase isoforms in murine and human brain: convergent data from Tph2 knockout mice. <i>European Neuropsychopharmacology</i> , 2009 , 19, 266-82	1.2	114
536	Serotonin transporter gene hypomethylation predicts impaired antidepressant treatment response. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1167-76	5.8	112

535	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, 2252-66	5.9	112
534	MAOA gene hypomethylation in panic disorder-reversibility of an epigenetic risk pattern by psychotherapy. <i>Translational Psychiatry</i> , 2016 , 6, e773	8.6	111
533	High loading of polygenic risk for ADHD in children with comorbid aggression. <i>American Journal of Psychiatry</i> , 2013 , 170, 909-16	11.9	110
532	The ADHD-susceptibility gene lphn3.1 modulates dopaminergic neuron formation and locomotor activity during zebrafish development. <i>Molecular Psychiatry</i> , 2012 , 17, 946-54	15.1	109
531	Integrating neurobiological markers of depression. <i>Archives of General Psychiatry</i> , 2011 , 68, 361-8		109
530	Interaction between BDNF Val66Met and dopamine transporter gene variation influences anxiety-related traits. <i>Neuropsychopharmacology</i> , 2007 , 32, 2552-60	8.7	108
529	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, 756-71	4.4	107
528	Absence of thermal hyperalgesia in serotonin transporter-deficient mice. <i>Journal of Neuroscience</i> , 2003 , 23, 708-15	6.6	103
527	Allelic variation of serotonin transporter function modulates the brain electrical response for error processing. <i>Neuropsychopharmacology</i> , 2004 , 29, 1506-11	8.7	103
526	5-HT1A receptor responsivity in anxiety disorders and depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1991 , 15, 723-33	5.5	103
525	Primary structure of the serotonin transporter in unipolar depression and bipolar disorder. <i>Biological Psychiatry</i> , 1995 , 37, 215-23	7.9	102
524	Glucocorticoid-regulated human serotonin transporter (5-HTT) expression is modulated by the 5-HTT gene-promotor-linked polymorphic region. <i>Journal of Neurochemistry</i> , 2003 , 86, 1072-8	6	101
523	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, 163-72	3.2	100
522	Allelic variation of serotonin transporter expression is associated with depression in Parkinson's disease. <i>Molecular Psychiatry</i> , 2001 , 6, 350-2	15.1	100
521	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, 2426-43	5.8	99
520	Neural response to reward anticipation is modulated by Gray's impulsivity. <i>NeuroImage</i> , 2009 , 46, 1148-53	5.9	99
519	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, 350-64	3.6	99
518	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	1.2	98

517	Allelic functional variation of serotonin transporter expression is a susceptibility factor for late onset Alzheimer's disease. <i>NeuroReport</i> , 1997 , 8, 683-6	1.7	98
516	Neurogenesis and schizophrenia: dividing neurons in a divided mind?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007 , 257, 290-9	5.1	97
515	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, 5554-64	6.6	97
514	Association of a functional 1019C>G 5-HT1A receptor gene polymorphism with panic disorder with agoraphobia. <i>International Journal of Neuropsychopharmacology</i> , 2004 , 7, 189-92	5.8	95
513	Corticotropin and cortisol secretion after central 5-hydroxytryptamine-1A (5-HT1A) receptor activation: effects of 5-HT receptor and beta-adrenoceptor antagonists. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1990 , 70, 670-4	5.6	95
512	Cocaine mechanisms: enhanced cocaine, fluoxetine and nisoxetine place preferences following monoamine transporter deletions. <i>Neuroscience</i> , 2002 , 115, 153-61	3.9	94
511	Serotonergic innervation of the amygdala: targets, receptors, and implications for stress and anxiety. <i>Histochemistry and Cell Biology</i> , 2013 , 139, 785-813	2.4	93
510	Serotonin uptake into dopamine neurons via dopamine transporters: a compensatory alternative. <i>Brain Research</i> , 2002 , 942, 109-19	3.7	93
509	Adaptive changes of serotonin 5-HT2A receptors in mice lacking the serotonin transporter. <i>Neuroscience Letters</i> , 1999 , 262, 113-6	3.3	93
508	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2018 , 83, 1044-1053	7.9	93
507	Differential effect of endothelial nitric oxide synthase (NOS-III) on the regulation of adult neurogenesis and behaviour. <i>European Journal of Neuroscience</i> , 2004 , 20, 885-95	3.5	92
506	Functional consequences of 5-HT transporter gene disruption on 5-HT(1a) receptor-mediated regulation of dorsal raphe and hippocampal cell activity. <i>Journal of Neuroscience</i> , 2001 , 21, 2178-85	6.6	91
505	5-HT1A receptor-effector system responsivity in panic disorder. <i>Psychopharmacology</i> , 1992 , 106, 111-7	4.7	91
504	Serotonin transporter gene polymorphism and affective disorder. <i>Lancet, The</i> , 1996 , 347, 1340-1341	4.0	90
503	Pharmacology of the hypothermic response to 5-HT1A receptor activation in humans. <i>European Journal of Clinical Pharmacology</i> , 1990 , 39, 17-9	2.8	90
502	Epigenetically regulated microRNAs in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014 , 35, 731-45	5.6	89
501	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	3.7	89
500	Serotonin-1A receptor gene HTR1A variation predicts interferon-induced depression in chronic hepatitis C. <i>Gastroenterology</i> , 2007 , 132, 1279-86	13.3	88

499	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	4.1	87
498	Tryptophan hydroxylase-2 (TPH2) in disorders of cognitive control and emotion regulation: a perspective. <i>Psychoneuroendocrinology</i> , 2011 , 36, 393-405	5	86
497	Increased vulnerability to psychosocial stress in heterozygous serotonin transporter knockout mice. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 459-70	4.1	86
496	A functional dopamine-beta-hydroxylase gene promoter polymorphism is associated with impulsive personality styles, but not with affective disorders. <i>Journal of Neural Transmission</i> , 2009 , 116, 121-30	4.3	86
495	Vulnerability versus resilience to prenatal stress in male and female rats; implications from gene expression profiles in the hippocampus and frontal cortex. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1226-46	1.2	85
494	Genome-wide linkage analysis of ADHD using high-density SNP arrays: novel loci at 5q13.1 and 14q12. <i>Molecular Psychiatry</i> , 2008 , 13, 522-30	15.1	85
493	Gender-dependent modulation of brain monoamines and anxiety-like behaviors in mice with genetic serotonin transporter and BDNF deficiencies. <i>Cellular and Molecular Neurobiology</i> , 2006 , 26, 755-80	4.6	84
492	Anxiety-related traits in mice with modified genes of the serotonergic pathway. <i>European Journal of Pharmacology</i> , 2003 , 480, 185-204	5.3	84
491	Long-term fluoxetine treatment decreases 5-HT _{1A} receptor responsivity in obsessive-compulsive disorder. <i>Psychopharmacology</i> , 1991 , 105, 415-20	4.7	84
490	Cross-disorder analysis of bipolar risk genes: further evidence of DGKH as a risk gene for bipolar disorder, but also unipolar depression and adult ADHD. <i>Neuropsychopharmacology</i> , 2011 , 36, 2076-85	8.7	83
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