Klaus-Peter Lesch

List of Publications by Year
in descending order

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653	63,356	952 115	1385 222
papers	citations	h-index	g-index

680	680	680	41803
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
2	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
3	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
4	Cadherin-13 is a critical regulator of GABAergic modulation in human stem-cell-derived neuronal networks. Molecular Psychiatry, 2022, 27, 1-18.	7.9	77
5	Chronic mild stress paradigm as a rat model of depression: facts, artifacts, and future perspectives. Psychopharmacology, 2022, 239, 663-693.	3.1	42
6	The Combined Effects of Amyloidosis and Serotonin Deficiency by Tryptophan Hydroxylase-2 Knockout Impacts Viability of the APP/PS1 Mouse Model of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2022, 85, 1283-1300.	2.6	5
7	Hippocampal Over-Expression of Cyclooxygenase-2 (COX-2) Is Associated with Susceptibility to Stress-Induced Anhedonia in Mice. International Journal of Molecular Sciences, 2022, 23, 2061.	4.1	14
8	Predation Stress Causes Excessive Aggression in Female Mice with Partial Genetic Inactivation of Tryptophan Hydroxylase-2: Evidence for Altered Myelination-Related Processes. Cells, 2022, 11, 1036.	4.1	4
9	Exploring the Contribution to ADHD of Genes Involved in Mendelian Disorders Presenting with Hyperactivity and/or Inattention. Genes, 2022, 13, 93.	2.4	4
10	Genetic architecture of 11 major psychiatric disorders at biobehavioral, functional genomic and molecular genetic levels of analysis. Nature Genetics, 2022, 54, 548-559.	21.4	101
11	The neurobiology of human aggressive behavior: Neuroimaging, genetic, and neurochemical aspects. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 106, 110059.	4.8	39
12	Altered behaviour, dopamine and norepinephrine regulation in stressed mice heterozygous in TPH2 gene. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 108, 110155.	4.8	10
13	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
14	REVERSE phenotypingâ€”Can the phenotype following constitutive Tph2 gene inactivation in mice be transferred to children and adolescents with and without adhd?. Brain and Behavior, 2021, 11, e02054.	2.2	3
15	Serotonin transporter genotype modulates resting state and predator stress-induced amygdala perfusion in mice in a sex-dependent manner. PLoS ONE, 2021, 16, e0247311.	2.5	4
16	Serotonin-specific neurons differentiated from human iPSCs form distinct subtypes with synaptic protein assembly. Journal of Neural Transmission, 2021, 128, 225-241.	2.8	8
17	No links between genetic variation and developing theory of mind: A preregistered replication attempt of candidate gene studies. Developmental Science, 2021, 24, e13100.	2.4	5
18	Serotonin deficiency induced after brain maturation rescues consequences of early life adversity. Scientific Reports, 2021, 11, 5368.	3.3	4

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19	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	5.2	40
20	Dorsal raphe serotonin neurotransmission is required for the expression of nursing behavior and for pup survival. Scientific Reports, 2021, 11, 6004.	3.3	6
21	Generation of induced pluripotent stem cell (iPSC) lines carrying a heterozygous (UKWMPi002-A-1) and null mutant knockout (UKWMPi002-A-2) of Cadherin 13 associated with neurodevelopmental disorders using CRISPR/Cas9. Stem Cell Research, 2021, 51, 102169.	0.7	3
22	Increased Oxidative Stress in the Prefrontal Cortex as a Shared Feature of Depressive- and PTSD-Like Syndromes: Effects of a Standardized Herbal Antioxidant. Frontiers in Nutrition, 2021, 8, 661455.	3.7	16
23	5-HTT Deficiency in Male Mice Affects Healing and Behavior after Myocardial Infarction. Journal of Clinical Medicine, 2021, 10, 3104.	2.4	5
24	The continued need for animals to advance brain research. Neuron, 2021, 109, 2374-2379.	8.1	36
25	A Common CDH13 Variant Is Associated with Low Agreeableness and Neural Responses to Working Memory Tasks in ADHD. Genes, 2021, 12, 1356.	2.4	7
26	Haploinsufficiency of the Attention-Deficit/Hyperactivity Disorder Risk Gene St3gal3 in Mice Causes Alterations in Cognition and Expression of Genes Involved in Myelination and Sialylation. Frontiers in Genetics, 2021, 12, 688488.	2.3	11
27	Generation of multiple human iPSC lines from peripheral blood mononuclear cells of two SLC2A3 deletion and two SLC2A3 duplication carriers. Stem Cell Research, 2021, 56, 102526.	0.7	0
28	ASD-like behaviors, a dysregulated inflammatory response and decreased expression of PLP1 characterize mice deficient for sialyltransferase ST3GAL5. Brain, Behavior, & Immunity - Health, 2021, 16, 100306.	2.5	9
29	Increased locomotor activity via regulation of GABAergic signalling in foxp2 mutant zebrafishâ€"implications for neurodevelopmental disorders. Translational Psychiatry, 2021, 11, 529.	4.8	9
30	Sex-Specific ADHD-like Behaviour, Altered Metabolic Functions, and Altered EEG Activity in Sialyltransferase ST3GAL5-Deficient Mice. Biomolecules, 2021, 11, 1759.	4.0	4
31	KCNJ6 variants modulate rewardâ€related brain processes and impact executive functions in attentionâ€deficit/hyperactivity disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 247-257.	1.7	9
32	Identification of ADHD risk genes in extended pedigrees by combining linkage analysis and whole-exome sequencing. Molecular Psychiatry, 2020, 25, 2047-2057.	7.9	17
33	Prefrontal cortex inflammation and liver pathologies accompany cognitive and motor deficits following Western diet consumption in non-obese female mice. Life Sciences, 2020, 241, 117163.	4.3	30
34	Neuroâ€Cells therapy improves motor outcomes and suppresses inflammation during experimental syndrome of amyotrophic lateral sclerosis in mice. CNS Neuroscience and Therapeutics, 2020, 26, 504-517.	3.9	24
35	Molecular and behavioural abnormalities in the FUSâ€tg mice mimic frontotemporal lobar degeneration: Effects of old and new antiâ€inflammatory therapies. Journal of Cellular and Molecular Medicine, 2020, 24, 10251-10257.	3.6	10
36	Transcriptome profiling in adult attention-deficit hyperactivity disorder. European Neuropsychopharmacology, 2020, 41, 160-166.	0.7	7

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37	The genetic architecture of human brainstem structures and their involvement in common brain disorders. Nature Communications, 2020, 11, 4016.	12.8	26
38	Effect of serotonin transporter genotype on carbon dioxide-induced fear-related behavior in mice. Journal of Psychopharmacology, 2020, 34, 1408-1417.	4.0	0
39	Stress-induced aggression in heterozygous TPH2 mutant mice is associated with alterations in serotonin turnover and expression of 5-HT6 and AMPA subunit 2A receptors. Journal of Affective Disorders, 2020, 272, 440-451.	4.1	17
40	Mental health dished upâ€"the use of iPSC models in neuropsychiatric research. Journal of Neural Transmission, 2020, 127, 1547-1568.	2.8	20
41	Cellular effects and clinical implications of SLC2A3 copy number variation. Journal of Cellular Physiology, 2020, 235, 9021-9036.	4.1	28
42	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	7.2	120
43	Metabolic, Molecular, and Behavioral Effects of Western Diet in Serotonin Transporter-Deficient Mice: Rescue by Heterozygosity?. Frontiers in Neuroscience, 2020, 14, 24.	2.8	13
44	DNA methylation in the 5-HTT regulatory region is associated with CO2-induced fear in panic disorder patients. European Neuropsychopharmacology, 2020, 36, 154-159.	0.7	7
45	Cumulative Dopamine Genetic Score predicts behavioral and electrophysiological correlates of response inhibition via interactions with task demand. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 59-75.	2.0	9
46	Rhythm and blues: Influence of CLOCK T3111C on peripheral electrophysiological indicators of negative affective processing. Physiology and Behavior, 2020, 219, 112831.	2.1	2
47	Serotonin (5-HT) neuron-specific inactivation of Cadherin-13 impacts 5-HT system formation and cognitive function. Neuropharmacology, 2020, 168, 108018.	4.1	17
48	Delaying memory decline: different options and emerging solutions. Translational Psychiatry, 2020, 10, 13.	4.8	15
49	Shared genetic background between children and adults with attention deficit/hyperactivity disorder. Neuropsychopharmacology, 2020, 45, 1617-1626.	5.4	72
50	Impulsivity and Venturesomeness in an Adult ADHD Sample: Relation to Personality, Comorbidity, and Polygenic Risk. Frontiers in Psychiatry, 2020, 11, 557160.	2.6	7
51	Effects of maternal separation on serotonergic systems in the dorsal and median raphe nuclei of adult male Tph2-deficient mice. Behavioural Brain Research, 2019, 373, 112086.	2.2	15
52	Hypermethylation of the serotonin transporter gene promoter in panic disorderâ€"Epigenetic imprint of comorbid depression?. European Neuropsychopharmacology, 2019, 29, 1161-1167.	0.7	16
53	Loss of Orai2-Mediated Capacitative Ca ²⁺ Entry Is Neuroprotective in Acute Ischemic Stroke. Stroke, 2019, 50, 3238-3245.	2.0	33
54	Transcript Analysis of Zebrafish GLUT3 Genes, slc2a3a and slc2a3b, Define Overlapping as Well as Distinct Expression Domains in the Zebrafish (Danio rerio) Central Nervous System. Frontiers in Molecular Neuroscience, 2019, 12, 199.	2.9	6

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55	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
56	Fgf3 is crucial for the generation of monoaminergic cerebrospinal fluid contacting cells in zebrafish. Biology Open, 2019, 8, .	1.2	4
57	Attentional bias modification in social anxiety: Effects on the N2pc component. Behaviour Research and Therapy, 2019, 120, 103404.	3.1	7
58	Serotonin Deficiency Increases Context-Dependent Fear Learning Through Modulation of Hippocampal Activity. Frontiers in Neuroscience, 2019, 13, 245.	2.8	25
59	Identification of Cholecystokinin by Genome-Wide Profiling as Potential Mediator of Serotonin-Dependent Behavioral Effects of Maternal Separation in the Amygdala. Frontiers in Neuroscience, 2019, 13, 460.	2.8	11
60	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.	7.2	261
61	Serotonin transporter gene hypermethylation â€“ an epigenetic footprint of depressive symptomatology in panic disorder?. European Neuropsychopharmacology, 2019, 29, S203.	0.7	0
62	Dissociation of impulsivity and aggression in mice deficient for the ADHD risk gene Adgrl3: Evidence for dopamine transporter dysregulation. Neuropharmacology, 2019, 156, 107557.	4.1	34
63	Repeated methamphetamine treatment increases spine density in the nucleus accumbens of serotonin transporter knockout mice. Neuropsychopharmacology Reports, 2019, 39, 130-133.	2.3	3
64	Family-based association study on functional Î±-synuclein polymorphisms in attention-deficit/hyperactivity disorder. ADHD Attention Deficit and Hyperactivity Disorders, 2019, 11, 107-111.	1.7	8
65	Brain serotonin deficiency affects female aggression. Scientific Reports, 2019, 9, 1366.	3.3	18
66	Cross-species models of attention-deficit/hyperactivity disorder and autism spectrum disorder. Psychiatric Genetics, 2019, 29, 1-17.	1.1	23
67	Editorial: Can dysregulated myelination be linked to <scp>ADHD</scp> pathogenesis and persistence?. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 229-231.	5.2	20
68	The DNA methylome in panic disorder: a case-control and longitudinal psychotherapy-epigenetic study. Translational Psychiatry, 2019, 9, 314.	4.8	29
69	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	28.9	935
70	Early-life stress impairs developmental programming in Cadherin 13 (CDH13)-deficient mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 158-168.	4.8	12
71	Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. Nature Genetics, 2019, 51, 63-75.	21.4	1,594
72	Neuroinflammation and aberrant hippocampal plasticity in a mouse model of emotional stress evoked by exposure to ultrasound of alternating frequencies. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 104-116.	4.8	35

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73	Improved cognition, mild anxiety-like behavior and decreased motor performance in pyridoxal phosphatase-deficient mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 193-205.	3.8	14
74	The involvement of the canonical Wntâ€signaling receptor LRP5 and LRP6 gene variants with ADHD and sexual dimorphism: Association study and metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 365-376.	1.7	16
75	Relapse of drunk driving and association with traffic accidents, alcohol-related problems and biomarkers of impulsivity. Acta Neuropsychiatrica, 2019, 31, 84-92.	2.1	10
76	Generation of a human induced pluripotent stem cell (iPSC) line from a 51-year-old female with attention-deficit/hyperactivity disorder (ADHD) carrying a duplication of SLC2A3. Stem Cell Research, 2018, 28, 136-140.	0.7	11
77	Expression of the ADHD candidate gene Diras2 in the brain. Journal of Neural Transmission, 2018, 125, 913-923.	2.8	13
78	Insulin receptor in the brain: Mechanisms of activation and the role in the <scp>CNS</scp> pathology and treatment. CNS Neuroscience and Therapeutics, 2018, 24, 763-774.	3.9	118
79	â€˜Shine bright like a diamond!â€™: is research on highâ€functioning <scp>ADHD</scp> at last entering the mainstream?. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 191-192.	5.2	18
80	OCD-like behavior is caused by dysfunction of thalamo-amygdala circuits and upregulated TrkB/ERK-MAPK signaling as a result of SPRED2 deficiency. Molecular Psychiatry, 2018, 23, 444-458.	7.9	66
81	Longitudinal analyses of the DNA methylome in deployed military servicemen identify susceptibility loci for post-traumatic stress disorder. Molecular Psychiatry, 2018, 23, 1145-1156.	7.9	98
82	Pro-neurogenic, Memory-Enhancing and Anti-stress Effects of DF302, a Novel Fluorine Gamma-Carboline Derivative with Multi-target Mechanism of Action. Molecular Neurobiology, 2018, 55, 335-349.	4.0	22
83	Increased fear learning, spatial learning as well as neophobia in Rgs2^{â^'/â^'} mice. Genes, Brain and Behavior, 2018, 17, e12420.	2.2	17
84	A Genetic Investigation of Sex Bias in the Prevalence of Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2018, 83, 1044-1053.	1.3	146
85	Intellectual Investment, Dopaminergic Gene Variation, and Life Events: A Critical Examination. Personality Neuroscience, 2018, 1, e3.	1.6	0
86	Functional analysis of a triplet deletion in the gene encoding the sodium glucose transporter 3, a potential risk factor for ADHD. PLoS ONE, 2018, 13, e0205109.	2.5	5
87	Live fast, die young? A review on the developmental trajectories of ADHD across the lifespan. European Neuropsychopharmacology, 2018, 28, 1059-1088.	0.7	398
88	Family environment interacts with CRHR1 rs17689918 to predict mental health and behavioral outcomes. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 86, 45-51.	4.8	10
89	Genetic variation in serotonin function impacts on altruistic punishment in the ultimatum game: A longitudinal approach. Brain and Cognition, 2018, 125, 37-44.	1.8	6
90	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.	7.1	299

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91	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	12.6	1,085
92	Differential anxiety-related behaviours and brain activation in Tph2-deficient female mice exposed to adverse early environment. European Neuropsychopharmacology, 2018, 28, 1270-1283.	0.7	21
93	Special Editorial: Open science and the Journal of Child Psychology & Psychiatry - next steps?. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 826-827.	5.2	7
94	<scp>SLC</scp>2A3 singleâ€nucleotide polymorphism and duplication influence cognitive processing and populationâ€specific risk for attentionâ€deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 798-809.	5.2	25
95	Zebrafish Models of Attention-Deficit/Hyperactivity Disorder (ADHD). , 2017, , 145-169.		1
96	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. Lancet Psychiatry,the, 2017, 4, 310-319.	7.4	565
97	T-cadherin promotes autophagy and survival in vascular smooth muscle cells through MEK1/2/Erk1/2 axis activation. Cellular Signalling, 2017, 35, 163-175.	3.6	23
98	Postnatal LPS Challenge Impacts Escape Learning and Expression of Plasticity Factors Mmp9 and Timp1 in Rats: Effects of Repeated Training. Neurotoxicity Research, 2017, 32, 175-186.	2.7	15
99	Effect of aging and Alzheimer's disease-like pathology on brain monoamines in mice. Neurochemistry International, 2017, 108, 238-245.	3.8	31
100	Rsk2 Knockout Affects Emotional Behavior in the IntelliCage. Behavior Genetics, 2017, 47, 434-448.	2.1	18
101	Genetically driven brain serotonin deficiency facilitates panic-like escape behavior in mice. Translational Psychiatry, 2017, 7, e1246-e1246.	4.8	30
102	Impact of varying social experiences during life history on behaviour, gene expression, and vasopressin receptor gene methylation in mice. Scientific Reports, 2017, 7, 8719.	3.3	22
103	Elucidating the functions of brain GSK3Î±: Possible synergy with GSK3Î² upregulation and reversal by antidepressant treatment in a mouse model of depressive-like behaviour. Behavioural Brain Research, 2017, 335, 122-127.	2.2	27
104	Increased functional coupling of 5-HT 1A autoreceptors to GIRK channels in Tph2 -/- mice. European Neuropsychopharmacology, 2017, 27, 1258-1267.	0.7	9
105	Thiamine and benfotiamine improve cognition and ameliorate GSK-3Î²-associated stress-induced behaviours in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 75, 148-156.	4.8	39
106	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. Brain Imaging and Behavior, 2017, 11, 1497-1514.	2.1	144
107	Genetic Overlap Between Attention-Deficit/Hyperactivity Disorder and Bipolar Disorder: Evidence From Genome-wide Association Study Meta-analysis. Biological Psychiatry, 2017, 82, 634-641.	1.3	99
108	Cadherin-13 Deficiency Increases Dorsal Raphe 5-HT Neuron Density and Prefrontal Cortex Innervation in the Mouse Brain. Frontiers in Cellular Neuroscience, 2017, 11, 307.	3.7	21

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109	Autism-Like Behaviours and Memory Deficits Result from a Western Diet in Mice. Neural Plasticity, 2017, 2017, 1-14.	2.2	27
110	Serotonin augmentation therapy by escitalopram has minimal effects on amyloid-Î² levels in early-stage Alzheimerâ€™s-like disease in mice. Alzheimer's Research and Therapy, 2017, 9, 74.	6.2	22
111	Cadherin 13: Human cis-Regulation and Selectively Altered Addiction Phenotypes and Cerebral Cortical Dopamine in Knockout Mice. Molecular Medicine, 2016, 22, 537-547.	4.4	26
112	Individual Differences in Behavioural Despair Predict Brain GSK-3beta Expression in Mice: The Power of a Modified Swim Test. Neural Plasticity, 2016, 2016, 1-17.	2.2	19
113	The Unexpected Effects of Beneficial and Adverse Social Experiences during Adolescence on Anxiety and Aggression and Their Modulation by Genotype. Frontiers in Behavioral Neuroscience, 2016, 10, 97.	2.0	14
114	Brain-Derived Neurotrophic Factor (Val66Met) and Serotonin Transporter (5-HTTLPR) Polymorphisms Modulate Plasticity in Inhibitory Control Performance Over Time but Independent of Inhibitory Control Training. Frontiers in Human Neuroscience, 2016, 10, 370.	2.0	10
115	Hypermethylation of FOXP3 Promoter and Premature Aging of the Immune System in Female Patients with Panic Disorder?. PLoS ONE, 2016, 11, e0157930.	2.5	15
116	Pathway analysis in attention deficit hyperactivity disorder: An ensemble approach. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 815-826.	1.7	38
117	Serotonergic modulation of â€˜waiting impulsivityâ€™ is mediated by the impulsivity phenotype in humans. Translational Psychiatry, 2016, 6, e940-e940.	4.8	22
118	Ultrasound of alternating frequencies and variable emotional impact evokes depressive syndrome in mice and rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 68, 52-63.	4.8	28
119	Whole-Exome Sequencing Reveals Increased Burden ofÂRare Functional and Disruptive Variants in CandidateÂRisk Genes in Individuals With Persistent Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2016, 55, 521-523.	0.5	28
120	BDNF val66met genotype shows distinct associations with the acoustic startle reflex and the cortisol stress response in young adults and children. Psychoneuroendocrinology, 2016, 66, 39-46.	2.7	20
121	Insulin receptor sensitizer, dicholine succinate, prevents both Toll-like receptor 4 (TLR4) upregulation and affective changes induced by a high-cholesterol diet in mice. Journal of Affective Disorders, 2016, 196, 109-116.	4.1	20
122	MAOA gene hypomethylation in panic disorderâ€”reversibility of an epigenetic risk pattern by psychotherapy. Translational Psychiatry, 2016, 6, e773-e773.	4.8	138
123	Developmental exposure to acetaminophen does not induce hyperactivity in zebrafish larvae. Journal of Neural Transmission, 2016, 123, 841-848.	2.8	14
124	Low-dose lipopolysaccharide (LPS) inhibits aggressive and augments depressive behaviours in a chronic mild stress model in mice. Journal of Neuroinflammation, 2016, 13, 108.	7.2	90
125	Functional Impact of An ADHD-Associated DIRAS2 Promoter Polymorphism. Neuropsychopharmacology, 2016, 41, 3025-3031.	5.4	9
126	CO2 exposure as translational cross-species experimental model for panic. Translational Psychiatry, 2016, 6, e885-e885.	4.8	43

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127	Meta-analysis of the DRD5 VNTR in persistent ADHD. European Neuropsychopharmacology, 2016, 26, 1527-1532.	0.7	4
128	Genomeâ€wide analyses of aggressiveness in attentionâ€deficit hyperactivity disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2016, 171, 733-747.	1.7	40
129	Maturing insights into the genetic architecture of neurodevelopmental disorders â€“ from common and rare variant interplay to precision psychiatry. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 659-661.	5.2	10
130	Early citalopram treatment increases mortality due to left ventricular rupture in mice after myocardial infarction. Journal of Molecular and Cellular Cardiology, 2016, 98, 28-36.	1.9	9
131	Reducing central serotonin in adulthood promotes hippocampal neurogenesis. Scientific Reports, 2016, 6, 20338.	3.3	41
132	Exome chip analyses in adult attention deficit hyperactivity disorder. Translational Psychiatry, 2016, 6, e923-e923.	4.8	27
133	The role of ASTN2 variants in childhood and adult ADHD, comorbid disorders and associated personality traits. Journal of Neural Transmission, 2016, 123, 849-858.	2.8	7
134	Sex- and Subtype-Related Differences in the Comorbidity of Adult ADHDs. Journal of Attention Disorders, 2016, 20, 855-866.	2.6	28
135	Sex- and Subtype-Related Differences of Personality Disorders (Axis II) and Personality Traits in Persistent ADHD. Journal of Attention Disorders, 2016, 20, 1056-1065.	2.6	14
136	Methylphenidate and emotional-motivational processing in attention-deficit/hyperactivity disorder. Journal of Neural Transmission, 2016, 123, 971-979.	2.8	8
137	Partially Defective Store Operated Calcium Entry and Hem(ITAM) Signaling in Platelets of Serotonin Transporter Deficient Mice. PLoS ONE, 2016, 11, e0147664.	2.5	25
138	Behavioral Features of Mice Fed with a Cholesterol-Enriched Diet: Deficient Novelty Exploration and Unaltered Aggressive Behavior. Translational Neuroscience and Clinics, 2016, 2, 87-95.	0.1	3
139	On the role of NOS1 ex1fâ€VNTR in ADHDâ€”allelic, subgroup, and metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 445-458.	1.7	20
140	Methylone-induced hyperthermia and lethal toxicity. Behavioural Pharmacology, 2015, 26, 345-352.	1.7	15
141	Dicholine succinate, the neuronal insulin sensitizer, normalizes behavior, REM sleep, hippocampal pGSK3 beta and mRNAs of NMDA receptor subunits in mouse models of depression. Frontiers in Behavioral Neuroscience, 2015, 9, 37.	2.0	15
142	Benefits of adversity?! How life history affects the behavioral profile of mice varying in serotonin transporter genotype. Frontiers in Behavioral Neuroscience, 2015, 9, 47.	2.0	19
143	Annual Research Review: The (epi)genetics of neurodevelopmental disorders in the era of wholeâ€genome sequencing â€“ unveiling the dark matter. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 278-295.	5.2	47
144	Further evidence for the association of the NPSR1 gene A/T polymorphism (Asn¹⁰⁷Ile) with impulsivity and hyperactivity. Journal of Psychopharmacology, 2015, 29, 878-883.	4.0	21

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145	Parkinson's disease, anxious depression and serotonin â€“ zooming in on hippocampal neurogenesis. Journal of Neurochemistry, 2015, 135, 441-444.	3.9	9
146	Deuterium content of water increases depression susceptibility: The potential role of a serotonin-related mechanism. Behavioural Brain Research, 2015, 277, 237-244.	2.2	56
147	Benefits of a â€œvulnerability geneâ€? A study in serotonin transporter knockout mice. Behavioural Brain Research, 2015, 283, 116-120.	2.2	19
148	Joint Analysis of Psychiatric Disorders Increases Accuracy of Risk Prediction for Schizophrenia, Bipolar Disorder, and Major Depressive Disorder. American Journal of Human Genetics, 2015, 96, 283-294.	6.2	225
149	Genomic structural variants are linked with intellectual disability. Journal of Neural Transmission, 2015, 122, 1289-1301.	2.8	21
150	Oxytocin Receptor Gene Methylation: Converging Multilevel Evidence for a Role in Social Anxiety. Neuropsychopharmacology, 2015, 40, 1528-1538.	5.4	155
151	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. Nature Neuroscience, 2015, 18, 199-209.	14.8	701
152	A preliminary study on methylphenidate-regulated gene expression in lymphoblastoid cells of ADHD patients. World Journal of Biological Psychiatry, 2015, 16, 180-189.	2.6	12
153	Tlr4 upregulation in the brain accompanies depression- and anxiety-like behaviors induced by a high-cholesterol diet. Brain, Behavior, and Immunity, 2015, 48, 42-47.	4.1	61
154	Interaction of brain 5-HT synthesis deficiency, chronic stress and sex differentially impact emotional behavior in Tph2 knockout mice. Psychopharmacology, 2015, 232, 2429-2441.	3.1	83
155	MicroRNA hsaâ€miRâ€4717â€5p regulates RGS2 and may be a risk factor for anxietyâ€related traits. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 296-306.	1.7	23
156	The brain acidâ€“base homeostasis and serotonin: A perspective on the use of carbon dioxide as human and rodent experimental model of panic. Progress in Neurobiology, 2015, 129, 58-78.	5.7	28
157	Attenuated methamphetamine-induced locomotor sensitization in serotonin transporter knockout mice is restored by serotonin 1B receptor antagonist treatment. Behavioural Pharmacology, 2015, 26, 167-179.	1.7	12
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