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Phospholipid methylation and the transmission of biological signals through membranes

DOI: 10.1016/s0091-3057(80)80026-8 Pharmacology Biochemistry and Behavior, 1980, 13 Suppl 1, 167-8.

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655	Behavioral characterization of two long-lasting adenosine analogs: sedative properties and interaction with diazepam. <b>1981</b> , 29, 2623-30		55
654	Development and evaluation of a computer-automated color TV tracking system for automatic recording of the social and exploratory behavior of small animals. <i>Journal of Neuroscience Methods</i> , <b>1982</b> , 5, 235-47	3	31
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506	Antidepressant- and anxiolytic-like effects of selective neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole in mice. <i>Behavioural Brain Research</i> , <b>2003</b> , 140, 141-7	3.4	133
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492	Effects of repeated testing in two inbred strains on flesinoxan dose-response curves in three mouse models for anxiety. <b>2004</b> , 494, 35-44		32
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448 447 446	Light/dark transition test for mice. 2006, 104  A hitchhiker's guide to behavioral analysis in laboratory rodents. <i>Genes, Brain and Behavior</i> , 2006, 5 Suppl 2, 5-24  Anxiolytic activity of a novel potent serotonin 5-HT2C receptor antagonist FR260010: a comparison with diazepam and buspirone. 2006, 553, 171-84  S100A1-deficient male mice exhibit increased exploratory activity and reduced anxiety-related	3.6	114 204 61
448 447 446 445	Light/dark transition test for mice. 2006, 104  A hitchhiker's guide to behavioral analysis in laboratory rodents. <i>Genes, Brain and Behavior</i> , 2006, 5 Suppl 2, 5-24  Anxiolytic activity of a novel potent serotonin 5-HT2C receptor antagonist FR260010: a comparison with diazepam and buspirone. 2006, 553, 171-84  S100A1-deficient male mice exhibit increased exploratory activity and reduced anxiety-related responses. 2006, 1763, 1307-19  Anxiolytic and antidepressant-like activity of a standardized extract from Galphimia glauca. 2006,	3.6	<ul><li>114</li><li>204</li><li>61</li><li>21</li></ul>
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430	Chlorogenic acid, a polyphenol from Prunus domestica (Mirabelle), with coupled anxiolytic and antioxidant effects. <b>2007</b> , 262, 77-84		166
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384	Sigma-1 receptor knockout mice display a depressive-like phenotype. <i>Behavioural Brain Research</i> , <b>2009</b> , 198, 472-6	3.4	123	
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373	Neuropharmacological activity of the pericarp of Passiflora edulis flavicarpa degener: putative involvement of C-glycosylflavonoids. <b>2009</b> , 234, 967-75		49	
372	Dose-effect study of Gelsemium sempervirens in high dilutions on anxiety-related responses in mice. <b>2010</b> , 210, 533-45		67	
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357	The impact of high anxiety level on cellular and humoral immunity in mice. <b>2010</b> , 17, 1-8		19	
356	Aggression and anxiety: social context and neurobiological links. <i>Frontiers in Behavioral Neuroscience</i> , <b>2010</b> , 4, 12	3.5	116	
355	Modulation of behavioural profile and stress response by 5-HTT genotype and social experience in adulthood. <i>Behavioural Brain Research</i> , <b>2010</b> , 207, 21-9	3.4	79	
354	Distinguishing anxiolysis and hyperactivity in an open space behavioral test. <i>Behavioural Brain Research</i> , <b>2010</b> , 207, 84-98	3.4	19	
353	The effects of acute, chronic and withdrawn progesterone in male and female Mongolian gerbils (Meriones unguiculatus) in two tests of anxiety. <i>Behavioural Brain Research</i> , <b>2010</b> , 207, 490-9	3.4	7	
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348	Induction of multiple photophobic behaviors in a transgenic mouse sensitized to CGRP. <i>Neuropharmacology</i> , <b>2010</b> , 58, 156-65	5.5	74
347	Low stress reactivity and neuroendocrine factors in the BTBR T+tf/J mouse model of autism. <i>Neuroscience</i> , <b>2010</b> , 171, 1197-208	3.9	109
346	Animal models of headache: from bedside to bench and back to bedside. <b>2010</b> , 10, 389-411		55
345	Evaluation of ethanol leaf extract of Ocimum sanctum in experimental models of anxiety and depression. <b>2011</b> , 49, 477-83		19
344	Animal Models of Dementia. 2011,		7
343	Behavioral Validation in Animal Models of Dementia. <b>2011</b> , 143-154		
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173	Human N-methyl D-aspartate receptor antibodies alter memory and behaviour in mice. <b>2015</b> , 138, 94-1	109	289
172	Long-term parental methamphetamine exposure of mice influences behavior and hippocampal DNA methylation of the offspring. <b>2015</b> , 20, 232-9		47
171	High maternal choline consumption during pregnancy and nursing alleviates deficits in social interaction and improves anxiety-like behaviors in the BTBR T+Itpr3tf/J mouse model of autism. <i>Behavioural Brain Research</i> , <b>2015</b> , 278, 210-20	3.4	34

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170	Mice lacking chromogranins exhibit increased aggressive and depression-like behaviour. <i>Behavioural Brain Research</i> , <b>2015</b> , 278, 98-106	3.4	9
169	Pruebas no condicionadas en ratones para evaluar la actividad ansiolfica de sustancias extraflas de plantas. <b>2016</b> , 52, 78-89		О
168	Effects of Omega-3 Fatty Acid Supplementation on Cognitive Functions and Neural Substrates: A Voxel-Based Morphometry Study in Aged Mice. <b>2016</b> , 8, 38		38
167	Fus1 KO Mouse As a Model of Oxidative Stress-Mediated Sporadic Alzheimer's Disease: Circadian Disruption and Long-Term Spatial and Olfactory Memory Impairments. <b>2016</b> , 8, 268		16
166	Contextual Modulation of Vocal Behavior in Mouse: Newly Identified 12 kHz "Mid-Frequency" Vocalization Emitted during Restraint. <i>Frontiers in Behavioral Neuroscience</i> , <b>2016</b> , 10, 38	3.5	41
165	Impact of Life History on Fear Memory and Extinction. <i>Frontiers in Behavioral Neuroscience</i> , <b>2016</b> , 10, 185	3.5	9
164	Effect of Housing Types on Growth, Feeding, Physical Activity, and Anxiety-Like Behavior in Male Sprague-Dawley Rats. <b>2016</b> , 3, 4		1
163	Stress-Induced Anxiety- and Depressive-Like Phenotype Associated with Transient Reduction in Neurogenesis in Adult Nestin-CreERT2/Diphtheria Toxin Fragment A Transgenic Mice. <b>2016</b> , 11, e01472	!56	36
162	Cognitive flexibility deficits in a mouse model for the absence of full-length dystrophin. <i>Genes, Brain and Behavior</i> , <b>2016</b> , 15, 558-67	3.6	20
161	Identification of quantitative trait loci and candidate genes for an anxiolytic-like response to ethanol in BXD recombinant inbred strains. <i>Genes, Brain and Behavior</i> , <b>2016</b> , 15, 367-81	3.6	13
160	Increased vulnerability to ethanol consumption in adolescent maternal separated mice. <b>2016</b> , 21, 847-5	8	23
159	Treatment of anxiety and depression: medicinal plants in retrospect. <b>2016</b> , 30, 198-215		59
158	Cardioprotective effects of fatty acid amide hydrolase inhibitor URB694, in a rodent model of trait anxiety. <b>2015</b> , 5, 18218		17
157	Ancient Anxiety Pathways Influence Drosophila Defense Behaviors. <b>2016</b> , 26, 981-6		50
156	Effect of Chlorovirus ATCV-1 infection on behavior of C57Bl/6 mice. <b>2016</b> , 297, 46-55		7
155	Don't worry; be informed about the epigenetics of anxiety. <i>Pharmacology Biochemistry and Behavior</i> , <b>2016</b> , 146-147, 60-72	3.9	25
154	Pharmacological evidence of neuro-pharmacological activity of Acacia tortilis leaves in mice. <b>2016</b> , 31, 881-5		2
153	Anxiolytic-like effect of the leaves of Pseudospondias microcarpa (A. Rich.) Engl. in mice. <b>2016</b> , 27, 533-	46	3

152	Genetic predisposition for high stress reactivity amplifies effects of early-life adversity. <i>Psychoneuroendocrinology</i> , <b>2016</b> , 70, 85-97	5	25
151	The light switch-off response as a putative rodent test of innate fear. <i>Neuroscience</i> , <b>2016</b> , 334, 160-165	3.9	3
150	Protocols to Study Behavior in Drosophila. <b>2016</b> , 1478, 303-320		11
149	Preclinical animal anxiety research - flaws and prejudices. <b>2016</b> , 4, e00223		65
148	Abuse potential and adverse cognitive effects of mitragynine (kratom). 2016, 21, 98-110		79
147	HPA Axis Interactions with Behavioral Systems. <b>2016</b> , 6, 1897-1934		28
146	Positive allosteric modulation of A adenosine receptors as a novel and promising therapeutic strategy for anxiety. <i>Neuropharmacology</i> , <b>2016</b> , 111, 283-292	5.5	24
145	Concordance and incongruence in preclinical anxiety models: Systematic review and meta-analyses. <b>2016</b> , 68, 504-529		37
144	1,25(OH)2D3 dependent overt hyperactivity phenotype in klotho-hypomorphic mice. <b>2016</b> , 6, 24879		8
143	Activation and inhibition of tph2 serotonergic neurons operate in tandem to influence larval zebrafish preference for light over darkness. <b>2016</b> , 6, 20788		18
142	Social dominance in rats: effects on cocaine self-administration, novelty reactivity and dopamine receptor binding and content in the striatum. <b>2016</b> , 233, 579-89		44
141	Behavioral profile assessment in offspring of Swiss mice treated during pregnancy and lactation with caffeine. <b>2016</b> , 31, 1071-80		6
140	Deletion of fibroblast growth factor 22 (FGF22) causes a depression-like phenotype in adult mice. <i>Behavioural Brain Research</i> , <b>2016</b> , 307, 11-7	3.4	15
139	Age-related changes in behavior in C57BL/6J mice from young adulthood to middle age. <i>Molecular Brain</i> , <b>2016</b> , 9, 11	4.5	206
138	Comprehensive behavioral phenotyping of a new Semaphorin 3 F mutant mouse. <i>Molecular Brain</i> , <b>2016</b> , 9, 15	4.5	19
137	Chronic benzodiazepine treatment decreases spine density in cortical pyramidal neurons. <b>2016</b> , 613, 41-6		12
136	Leptin/LepRb in the Ventral Tegmental Area Mediates Anxiety-Related Behaviors. 2015, 19,		19
135	Antagonism of V1b receptors promotes maternal motivation to retrieve pups in the MPOA and impairs pup-directed behavior during maternal defense in the mpBNST of lactating rats. <i>Hormones and Behavior</i> , <b>2016</b> , 79, 18-27	3.7	14

134	Comparison of the long-term behavioral effects of neonatal exposure to retigabine or phenobarbital in rats. <i>Epilepsy and Behavior</i> , <b>2016</b> , 57, 34-40	3.2	19
133	The nitric oxide donor sodium nitroprusside attenuates recognition memory deficits and social withdrawal produced by the NMDA receptor antagonist ketamine and induces anxiolytic-like behaviour in rats. <b>2016</b> , 233, 1045-54		31
132	Unpredictable chronic mild stress exerts anxiogenic-like effects and activates neurons in the dorsal and caudal region and in the lateral wings of the dorsal raphe nucleus. <i>Behavioural Brain Research</i> , <b>2016</b> , 297, 180-6	3.4	10
131	Pharmacological characterization of the nociceptin/orphanin FQ receptor on ethanol-mediated motivational effects in infant and adolescent rats. <i>Behavioural Brain Research</i> , <b>2016</b> , 298, 88-96	3.4	7
130	Concentration- and age-dependent effects of chronic caffeine on contextual fear conditioning in C57BL/6J mice. <i>Behavioural Brain Research</i> , <b>2016</b> , 298, 69-77	3.4	5
129	Guanosine Anxiolytic-Like Effect Involves Adenosinergic and Glutamatergic Neurotransmitter Systems. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 423-436	6.2	44
128	Acute and repeated exposure with the nitric oxide (NO) donor sodium nitroprusside (SNP) differentially modulate responses in a rat model of anxiety. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2017</b> , 69, 56-60	5	9
127	A Novel Ecalcitonin Gene-Related Peptide Analogue Protects Against End-Organ Damage in Experimental Hypertension, Cardiac Hypertrophy, and Heart Failure. <b>2017</b> , 136, 367-383		63
126	Passive adaptation to stress in adulthood after short-term social instability stress during adolescence in mice. <b>2017</b> , 20, 329-332		3
125	Fish oil prevents rodent anxious states comorbid with diabetes: A putative involvement of nitric oxide modulation. <i>Behavioural Brain Research</i> , <b>2017</b> , 326, 173-186	3.4	9
124	Social experiences during adolescence affect anxiety-like behavior but not aggressiveness in male mice. <i>Behavioural Brain Research</i> , <b>2017</b> , 326, 147-153	3.4	4
123	Assessment of nicotine withdrawal-induced changes in sucrose preference in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2017</b> , 161, 47-52	3.9	16
122	Terminalia arjuna bark extract attenuates picrotoxin-induced behavioral changes by activation of serotonergic, dopaminergic, GABAergic and antioxidant systems. <b>2017</b> , 15, 584-596		6
121	Deletion of Dlk2 increases the vulnerability to anxiety-like behaviors and impairs the anxiolytic action of alprazolam. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 85, 134-141	5	5
120	Antinociceptive, anti-inflammatory and anxiolytic-like effects of the ethanolic extract, fractions and Hibalactone isolated from Hydrocotyle umbellata L. (AcariBba) - Araliaceae. <b>2017</b> , 95, 837-846		10
119	Impact of varying social experiences during life history on behaviour, gene expression, and vasopressin receptor gene methylation in mice. <b>2017</b> , 7, 8719		17
118	Neuronal overexpression of Ube3a isoform 2 causes behavioral impairments and neuroanatomical pathology relevant to 15q11.2-q13.3 duplication syndrome. <b>2017</b> , 26, 3995-4010		35
117	Facial pain and anxiety-like behavior are reduced by pregabalin in a model of facial carcinoma in rats. <i>Neuropharmacology</i> , <b>2017</b> , 125, 263-271	5.5	8

116	Anxiolytic- and antidepressant-like activities of a methanolic extract of Morinda citrifolia Linn. (noni) fruit in mice: Involvement of benzodiazepine-GABAergic, serotonergic and adrenergic systems. <b>2017</b> , 96, 944-952	9
115	An unsupervised learning approach for tracking mice in an enclosed area. <b>2017</b> , 18, 272	8
114	EAminobutyric acid (GABA) signalling in plants. <b>2017</b> , 74, 1577-1603	136
113	Loss of hypothalamic corticotropin-releasing hormone markedly reduces anxiety behaviors in mice. <b>2017</b> , 22, 733-744	50
112	Effect of methanol extract of Trigonella foenum-graecum L. seeds on anxiety, sedation and motor coordination. <b>2017</b> , 32, 343-349	8
111	Long-lasting monoaminergic and behavioral dysfunctions in a mice model of socio-environmental stress during adolescence. <i>Behavioural Brain Research</i> , <b>2017</b> , 317, 132-140	8
110	4-phenylselenyl-7-chloroquinoline, a novel multitarget compound with anxiolytic activity: Contribution of the glutamatergic system. <b>2017</b> , 84, 191-199	44
109	Animal tests for anxiety-like and depression-like behavior in rats. <b>2017</b> , 10, 40-43	69
108	Differential Impact of miR-21 on Pain and Associated Affective and Cognitive Behavior after Spared Nerve Injury in B7-H1 ko Mouse. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 219	13
107	Propentofylline Prevents Sickness Behavior and Depressive-Like Behavior Induced by Lipopolysaccharide in Rats via Neuroinflammatory Pathway. <b>2017</b> , 12, e0169446	22
106	Brown seaweeds administration generate psychotherapeutic response associated with brain norepinephrine modulation in rats. <b>2017</b> , 9, 11-18	1
105	Pharmacological validation of the anxiolytic, muscle relaxant and sedative like activities of Capsicum annuum in animal model. <b>2017</b> , 12, 439	6
104	Anxiety- but not depressive-like behaviors are related to facial hyperalgesia in a model of trigeminal neuropathic pain in rats. <i>Physiology and Behavior</i> , <b>2018</b> , 191, 131-137	12
103	The Radish, Raphanus sativus L. Var. caudatus reduces anxiety-like behavior in mice. <b>2018</b> , 33, 1255-1260	3
102	Lack of anticipatory behavior in Gpr88 knockout mice showed by automatized home cage phenotyping. <i>Genes, Brain and Behavior</i> , <b>2018</b> , 17, e12473	5
101	Radiofrequency electromagnetic radiation exposure effects on amygdala morphology, place preference behavior and brain caspase-3 activity in rats. <b>2018</b> , 58, 220-229	17
100	Abnormal behaviours relevant to neurodevelopmental disorders in Kirrel3-knockout mice. 2018, 8, 1408	19
99	Behavioral effects of long-term oral administration of aluminum ammonium sulfate in male and female C57BL/6J mice. <i>Neuropsychopharmacology Reports</i> , <b>2018</b> , 38, 18-36	7

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98	Modelling fragile X syndrome in the laboratory setting: A behavioral perspective. <i>Behavioural Brain Research</i> , <b>2018</b> , 350, 149-163	3.4	10	
97	STEP inhibition reverses behavioral, electrophysiologic, and synaptic abnormalities in Fmr1 KO mice. <i>Neuropharmacology</i> , <b>2018</b> , 128, 43-53	5.5	15	
96	Animals, anxiety, and anxiety disorders: How to measure anxiety in rodents and why. <i>Behavioural Brain Research</i> , <b>2018</b> , 352, 81-93	3.4	42	
95	Bifidobacterium pseudocatenulatum CECT 7765 Ameliorates Neuroendocrine Alterations Associated with an Exaggerated Stress Response and Anhedonia in Obese Mice. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 5337-5352	6.2	44	
94	Relationship Between the Anxious Symptoms and the Neurotransmitter in Parkinson's Mice with Different Dosages of MPTP. <b>2018</b> , 61,			
93	Agarwood Essential Oil Ameliorates Restrain Stress-Induced Anxiety and Depression by Inhibiting HPA Axis Hyperactivity. <b>2018</b> , 19,		26	
92	An improved light dark box test by using a real-time video tracking system. <b>2018</b> , 69, 371-384			
91	Deletion of Dlk1 increases the vulnerability to developing anxiety-like behaviors and ethanol consumption in mice. <b>2018</b> , 158, 37-44		7	
90	Distinct Phenotypes of Mouse Models Reflect Neuropsychiatric Spectrum Disorders of Human Patients With Variants. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 240	6.1	29	
89	On the Role of Testosterone in Anxiety-Like Behavior Across Life in Experimental Rodents. <b>2018</b> , 9, 441		23	
88	Chronic unpredictable mild stress-induced depressive-like behavior and dysregulation of brain levels of biogenic amines in Drosophila melanogaster. <i>Behavioural Brain Research</i> , <b>2018</b> , 351, 104-113	3.4	14	
87	Anxiolytic actions of Nardostachys jatamansi via GABA benzodiazepine channel complex mechanism and its biodistribution studies. <b>2018</b> , 33, 1533-1549		7	
86	Low welfare impact of noise: assessment in an experimental model of mice infected by Herpes simplex-1. <b>2018</b> , 207, 79-88		O	
85	Anxiolytic-like effect of pyridoxine in mice by elevated plus maze and light and dark box: Evidence for the involvement of GABAergic and NO-sGC-cGMP pathway. <i>Pharmacology Biochemistry and Behavior</i> , <b>2018</b> , 173, 96-106	3.9	8	
84	Behavioral Characterization of EArrestin 1 Knockout Mice in Anxiety-Like and Alcohol Behaviors. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 54	3.5	7	
83	Varying Social Experiences in Adulthood Do Not Differentially Affect Anxiety-Like Behavior But Stress Hormone Levels. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 72	3.5	1	
82	Genetically Epilepsy-Prone Rats Display Anxiety-Like Behaviors and Neuropsychiatric Comorbidities of Epilepsy. <b>2018</b> , 9, 476		24	
81	Postnatal Vitamin D Intake Modulates Hippocampal Learning and Memory in Adult Mice. <b>2018</b> , 12, 141		6	

80	Anterior Paraventricular Thalamus to Nucleus Accumbens Projection Is Involved in Feeding Behavior in a Novel Environment. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 202	6.1	32
79	Gut Microbiota-Brain Axis Modulation by a Healthier Microbiological Microenvironment: Facts and Fictions. <b>2018</b> , 24, 4-6		6
78	Novel behavioral assays of spontaneous and precipitated THC withdrawal in mice. <b>2018</b> , 191, 14-24		14
77	Luffa operculata fruit aqueous extract induces motor impairments, anxiety-like behavior, and testis damage in rats. <b>2018</b> , 222, 52-60		5
76	Increased depression-related behavior during the postpartum period in inbred BALB/c and C57BL/6 strains. <i>Molecular Brain</i> , <b>2019</b> , 12, 70	4.5	15
75	Ether Lipid Deficiency in Mice Produces a Complex Behavioral Phenotype Mimicking Aspects of Human Psychiatric Disorders. <b>2019</b> , 20,		14
74	Anti-stress effects of the hydroalcoholic extract of in mice. <b>2019</b> , 5, e01945		3
73	Acute stress imposed during adolescence yields heightened anxiety in Sprague Dawley rats that persists into adulthood: Sex differences and potential involvement of the Medial Amygdala. <b>2019</b> , 1723, 146392		15
72	Effects of intraperitoneal and intracerebroventricular injections of oxytocin on social and emotional behaviors in pubertal male mice. <i>Physiology and Behavior</i> , <b>2019</b> , 212, 112701	3.5	10
71	Thymol reverses depression-like behaviour and upregulates hippocampal BDNF levels in chronic corticosterone-induced depression model in female mice. <b>2019</b> , 71, 1774-1783		11
<i>7</i> 0	Altered motor, anxiety-related and attentional task performance at baseline associate with multiple gene copies of the vesicular acetylcholine transporter and related protein overexpression in ChAT::Cre+ rats. <b>2019</b> , 224, 3095-3116		3
69	Optimizing functional outcome endpoints for stroke recovery studies. <b>2019</b> , 39, 2323-2342		12
68	Open source code for behavior analysis in rodents. <i>Neuropsychopharmacology Reports</i> , <b>2019</b> , 39, 67-69	2.2	10
67	Effects of Anesthetic Ketamine on Anxiety-Like Behaviour in Rats. <b>2019</b> , 44, 829-838		11
66	Long lasting behavioural effects on cuprizone fed mice after neurotoxicant withdrawal. <i>Behavioural Brain Research</i> , <b>2019</b> , 363, 38-44	3.4	1
65	An essential role of the mouse synapse-associated protein Syap1 in circuits for spontaneous motor activity and rotarod balance. <b>2019</b> , 8,		5
64	Heterogenising study samples across testing time improves reproducibility of behavioural data. <b>2019</b> , 9, 8247		23
63	Pistacia lentiscus L. leaves extract and its major phenolic compounds reverse aluminium-induced neurotoxicity in mice. <b>2019</b> , 137, 576-584		21

62	Effect of dietary vitamin E on oxidative stress-related gene-mediated differences in anxiety-like behavior in inbred strains of mice. <i>Physiology and Behavior</i> , <b>2019</b> , 207, 64-72	3.5	3
61	Identification of Cholecystokinin by Genome-Wide Profiling as Potential Mediator of Serotonin-Dependent Behavioral Effects of Maternal Separation in the Amygdala. <b>2019</b> , 13, 460		5
60	Mirtazapine attenuates anxiety- and depression-like behaviors in rats during cocaine withdrawal. <b>2019</b> , 33, 589-605		8
59	Experiments done in Black-6 mice: what does it mean?. <b>2019</b> , 48, 171-180		16
58	Therapeutical doses of ivermectin and its association with stress disrupt motor and social behaviors of juvenile rats and serotonergic and dopaminergic systems. <b>2019</b> , 124, 149-157		3
57	Diuretic activity and neuropharmacological effects of an ethanol extract from Senna septemtrionalis (Viv.) H.S. Irwin & Barneby (Fabaceae). <b>2019</b> , 239, 111923		7
56	Sustained overexpression of neuropeptide S in the amygdala reduces anxiety-like behavior in rats. <i>Behavioural Brain Research</i> , <b>2019</b> , 367, 28-34	3.4	5
55	The novel dehydroepiandrosterone (DHEA) derivative BNN27 counteracts behavioural deficits induced by the NMDA receptor antagonist ketamine in rats. <i>Neuropharmacology</i> , <b>2019</b> , 151, 74-83	5.5	13
54	Affective and cognitive behavior is not altered by chronic constriction injury in B7-H1 deficient and wildtype mice. <i>BMC Neuroscience</i> , <b>2019</b> , 20, 16	3.2	5
53	Chemogenetic activation of oxytocin neurons: Temporal dynamics, hormonal release, and behavioral consequences. <i>Psychoneuroendocrinology</i> , <b>2019</b> , 106, 77-84	5	23
52	Transcriptomopathies of pre- and post-symptomatic frontotemporal dementia-like mice with TDP-43 depletion in forebrain neurons. <i>Acta Neuropathologica Communications</i> , <b>2019</b> , 7, 50	7.3	22
51	Age-related behavioral changes from young to old age in male mice of a C57BL/6J strain maintained under a genetic stability program. <i>Neuropsychopharmacology Reports</i> , <b>2019</b> , 39, 100-118	2.2	47
50	Role for Chromatin Remodeling Factor Chd1 in Learning and Memory. <i>Frontiers in Molecular Neuroscience</i> , <b>2019</b> , 12, 3	6.1	8
49	Antihypernociceptive and neuroprotective effects of Combretin A and Combretin B on streptozotocin-induced diabetic neuropathy in mice. <i>Naunyn-Schmiedebergus Archives of Pharmacology</i> , <b>2019</b> , 392, 697-713	3.4	6
48	A Standardized Anxiety Quotient in Elevated Open Platform Task Quantifies Rodent Anxiogenic Tendency with Improved Reliability and Sensitivity. <i>Neuroscience</i> , <b>2019</b> , 423, 12-17	3.9	
47	Differential Effects of Serotonin Transporter Genotype on Anxiety-Like Behavior and Cognitive Judgment Bias in Mice. <i>Frontiers in Behavioral Neuroscience</i> , <b>2019</b> , 13, 263	3.5	11
46	A computationally inspired in-vivo approach identifies a link between amygdalar transcriptional heterogeneity, socialization and anxiety. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 336	8.6	2
45	Anxiolytic and anti-depressant effects of hydroalcoholic extract from and its possible mechanism of action. <i>African Health Sciences</i> , <b>2019</b> , 19, 2526-2536	1.1	1

44	Presence of Mother Reduces Early-Life Social Stress: Linking the Alteration in Hypothalamic-Pituitary-Adrenal Axis and Serotonergic System. <i>Developmental Neuroscience</i> , <b>2019</b> , 41, 212-222	2.2	2
43	Prenatal thyroxine treatment promotes anxiolysis in male Swiss mice offspring. <i>Hormones and Behavior</i> , <b>2019</b> , 108, 10-19	3.7	3
42	Effects of chronic fentanyl administration on behavioral characteristics of mice.  Neuropsychopharmacology Reports, 2019, 39, 17-35	2.2	12
41	Adverse neuropsychiatric development following perinatal brain injury: from a preclinical perspective. <i>Pediatric Research</i> , <b>2019</b> , 85, 198-215	3.2	9
40	Early endocannabinoid system activation attenuates behavioral impairments induced by initial impact but does not prevent epileptogenesis in lithium-pilocarpine status epilepticus model. <i>Epilepsy and Behavior</i> , <b>2019</b> , 92, 71-78	3.2	7
39	Dopamine transporter (DAT) knockdown in the nucleus accumbens improves anxiety- and depression-related behaviors in adult mice. <i>Behavioural Brain Research</i> , <b>2019</b> , 359, 104-115	3.4	21
38	Aphrodisiac effect of Hunteria umbellata seed extract: Modulation of nitric oxide level and arginase activity in vivo. <i>Pathophysiology</i> , <b>2019</b> , 26, 39-47	1.8	8
37	Evidence for lack of direct causality between pain and affective disturbances in a rat peripheral neuropathy model. <i>Genes, Brain and Behavior</i> , <b>2019</b> , 18, e12542	3.6	13
36	Maternal suppplementation with conjugated linoleic acid reduce anxiety and lipid peroxidation in the offspring brain. <i>Journal of Affective Disorders</i> , <b>2019</b> , 243, 75-82	6.6	13
35	Effects of time of day and constant light on the behavioral responses and ethanol metabolism to acute alcohol administration in male Black Swiss mice. <i>Biological Rhythm Research</i> , <b>2020</b> , 51, 566-585	0.8	2
34	Selective inhibition of mTORC1/2 or PI3K/mTORC1/2 signaling does not prevent or modify epilepsy in the intrahippocampal kainate mouse model. <i>Neuropharmacology</i> , <b>2020</b> , 162, 107817	5.5	8
33	Behavioral Evaluation of Angelman Syndrome Mice at Older Ages. <i>Neuroscience</i> , <b>2020</b> , 445, 163-171	3.9	8
32	Gamma Visual Stimulation Induces a Neuroimmune Signaling Profile Distinct from Acute Neuroinflammation. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 1211-1225	6.6	17
31	Differential effects of stress exposure via two types of restraint apparatuses on behavior and plasma corticosterone level in inbred male BALB/cAJcl mice. <i>Neuropsychopharmacology Reports</i> , <b>2020</b> , 40, 73-84	2.2	16
30	Metabotropic glutamate receptor subtype 5 (mGlu) is necessary for estradiol mitigation of light-induced anxiety behavior in female rats. <i>Physiology and Behavior</i> , <b>2020</b> , 214, 112770	3.5	10
29	GPR68 deletion impairs hippocampal long-term potentiation and passive avoidance behavior. <i>Molecular Brain</i> , <b>2020</b> , 13, 132	4.5	6
28	Frequent exposure to varied home cage sizes alters pain sensitivity and some key inflammation-related biomarkers. <i>Journal of Neuroscience Methods</i> , <b>2020</b> , 345, 108890	3	1
27	Does physical activity associated with chronic food restriction alleviate anxiety like behaviour, in female mice?. <i>Hormones and Behavior</i> , <b>2020</b> , 124, 104807	3.7	4

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26	The GABA-Benzodiazepine Receptor Antagonist Flumazenil Abolishes the Anxiolytic Effects of the Active Constituents of L. Crocins in Rats. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
25	Environmental enrichment and its influence on rodent offspring and maternal behaviours, a scoping style review of indices of depression and anxiety. <i>Pharmacology Biochemistry and Behavior</i> , <b>2020</b> , 197, 172997	3.9	6
24	Alternative Anesthesia of Neonatal Mice for Global rAAV Delivery in the Brain With Non-detectable Behavioral Interference in Adults. <i>Frontiers in Behavioral Neuroscience</i> , <b>2020</b> , 14, 115	3.5	3
23	Assessment of the rapid and sustained antidepressant-like effects of dextromethorphan in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2020</b> , 197, 173003	3.9	4
22	Methanol extract of Spathodea campanulata P. (Beauv.) leaves demonstrate sedative and anxiolytic like actions on swiss albino mice. <i>Clinical Phytoscience</i> , <b>2020</b> , 6,	2.4	2
21	Prolonged exposure to stressors suppresses exploratory behavior in zebrafish larvae. <i>Journal of Experimental Biology</i> , <b>2020</b> , 223,	3	1
20	High fat diet-induced obesity causes a reduction in brain tyrosine hydroxylase levels and non-motor features in rats through metabolic dysfunction, neuroinflammation and oxidative stress. <i>Nutritional Neuroscience</i> , <b>2020</b> , 1-15	3.6	6
19	Inhibition of striatal-enriched protein tyrosine phosphatase (STEP) activity reverses behavioral deficits in a rodent model of autism. <i>Behavioural Brain Research</i> , <b>2020</b> , 391, 112713	3.4	2
18	Topoisomerase 3[knockout mice show transcriptional and behavioural impairments associated with neurogenesis and synaptic plasticity. <i>Nature Communications</i> , <b>2020</b> , 11, 3143	17.4	6
17	Behavioral assessment of post-stroke depression and anxiety in rodents. <i>Brain Hemorrhages</i> , <b>2020</b> , 1, 105-111	2.1	4
16	Comparative Effectiveness of Agmatine and Choline Treatment in Rats with Cognitive Impairment Induced by AlCl and Forced Swim Stress. <i>Current Clinical Pharmacology</i> , <b>2020</b> , 15, 251-264	2.5	1
15	Acid Sphingomyelinase Inhibition Mitigates Histopathological and Behavioral Changes in a Murine Model of Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 1902-1909	5.4	5
14	Orphan G Protein Coupled Receptors in Affective Disorders. <i>Genes</i> , <b>2020</b> , 11,	4.2	20
13	Prefrontal parvalbumin interneurons require juvenile social experience to establish adult social behavior. <i>Nature Communications</i> , <b>2020</b> , 11, 1003	17.4	40
12	Repair of Retinal Degeneration following Ex Vivo Minicircle DNA Gene Therapy and Transplantation of Corrected Photoreceptor Progenitors. <i>Molecular Therapy</i> , <b>2020</b> , 28, 830-844	11.7	11
11	The Effects of Different Feeding Routines on Welfare in Laboratory Mice. <i>Frontiers in Veterinary Science</i> , <b>2019</b> , 6, 479	3.1	3
10	Improvement of APOE4-dependent non-cognitive behavioural traits by postnatal cholinergic stimulation in female mice. <i>Behavioural Brain Research</i> , <b>2020</b> , 384, 112552	3.4	2
9	Genetic Up-Regulation or Pharmacological Activation of the Na/Ca Exchanger 1 (NCX1) Enhances Hippocampal-Dependent Contextual and Spatial Learning and Memory. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 2358-2376	6.2	7

8	BNST GluN2D-Containing NMDA Receptors Influence Anxiety- and Depressive-like Behaviors and ModulateCell-Specific Excitatory/Inhibitory Synaptic Balance. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 3949-3	3968	16	
7	Repeated but not acute exposure with a low dose range of the nitric oxide (NO) donor sodium nitroprusside (SNP) induces anxiolytic-like behaviour in a dose-independent manner in two different rat models of anxiety. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2020</b> , 99, 1-6	5	5	
6	The Role of Acid Sphingomyelinase Inhibition in Repetitive Mild Traumatic Brain Injury. <i>Journal of Surgical Research</i> , <b>2021</b> , 259, 296-304	2.5	5	
5	Pituitary adenylate cyclase-activating polypeptide (PACAP) modulates dependence-induced alcohol drinking and anxiety-like behavior in male rats. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 509-518	8.7	13	
4	Animal models of pain: Diversity and benefits. <i>Journal of Neuroscience Methods</i> , <b>2021</b> , 348, 108997	3	15	
3	Modulation of Catecholaminergic Receptors During Development and Aging. <b>1984</b> , 595-627		2	
2	Methylation of macromolecules during development in Myxococcus xanthus. <i>Journal of Bacteriology</i> , <b>1985</b> , 164, 495-500	3.5	18	
1	Thyrotropin regulation of membrane lipid fluidity in the FRTL-5 thyroid cell line. Its relationship to cell growth and functional activity <i>Journal of Biological Chemistry</i> , <b>1987</b> , 262, 1575-1582	5.4	13	