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Ethopharmacological analysis of rat behavior on the elevated plus-maze

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#	Paper	IF	Citations
666	Cerebral tryptophan hydroxylase activity, and 5-HT <sub>1A</sub> receptor, 5-HT <sub>2A</sub> receptor, and 5-HT transporter binding in grouped and isolated Roman RHA and RLA rats: relationships with behaviours in two models of anxiety. <b>1995</b> , 121, 385-95		20
665	Factor analysis of spatiotemporal and ethological measures in the murine elevated plus-maze test of anxiety. <i>Pharmacology Biochemistry and Behavior</i> , <b>1995</b> , 52, 297-303	3.9	611
664	Ethological comparison of the effects of diazepam and acute/chronic imipramine on the behaviour of mice in the elevated plus-maze. <i>Pharmacology Biochemistry and Behavior</i> , <b>1995</b> , 52, 473-8	3.9	106
663	Ethopharmacological analysis of the effects of putative 'anxiogenic' agents in the mouse elevated plus-maze. <i>Pharmacology Biochemistry and Behavior</i> , <b>1995</b> , 52, 805-13	3.9	109
662	Effects of microinjections of the neuropeptide substance P in the dorsal periaqueductal gray on the behaviour of rats in the plus-maze test. <i>Physiology and Behavior</i> , <b>1996</b> , 60, 1183-6	3.5	93
661	The effects of abused inhalants on mouse behavior in an elevated plus-maze. <b>1996</b> , 312, 131-6		63
660	Anxiety behavior, exploratory behavior, and activity in NZB x NZW F1 hybrid mice: role of genotype and autoimmune disease progression. <b>1996</b> , 10, 260-74		30
659	Evidence that the behaviors in the Mouse Defense Test Battery relate to different emotional states: a factor analytic study. <i>Physiology and Behavior</i> , <b>1996</b> , 60, 1255-60	3.5	54
658	Influence of early postnatal gonadal hormones on anxiety in adult male rats. <i>Physiology and Behavior</i> , <b>1996</b> , 60, 1419-23	3.5	52
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655	Behavioral effects of the putative anxiolytic (+/-)-1-(2,5-dimethoxy-4-ethylthiophenyl)-2-aminopropane (ALEPH-2) in rats and mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>1996</b> , 54, 355-61	3.9	15
654	Plus-maze retest profile in mice: importance of initial stages of trail 1 and response to post-trail cholinergic receptor blockade. <i>Pharmacology Biochemistry and Behavior</i> , <b>1996</b> , 54, 41-50	3.9	95
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652	GABAergic influences on plus-maze behaviour in mice. <b>1996</b> , 128, 380-97		138
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645	Anxiety- and activity-related effects of diazepam and chlordiazepoxide in the rat light/dark and dark/light tests. <i>Behavioural Brain Research</i> , <b>1997</b> , 85, 27-35	3.4	134
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434	The Concentric Square Field: a multivariate test arena for analysis of explorative strategies. <i>Behavioural Brain Research</i> , <b>2006</b> , 168, 100-13	3-4	55

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321	Prenatal alcohol exposure: fetal programming and later life vulnerability to stress, depression and anxiety disorders. <b>2010</b> , 34, 791-807		236
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318	Anxiolytic activity of a supercritical carbon dioxide extract of <i>Souroubea sympetala</i> (Marcgraviaceae). <b>2011</b> , 25, 264-70		14
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313	Pleasurable behaviors reduce stress via brain reward pathways. <b>2010</b> , 107, 20529-34		146
312	Transformed cell suspension culture of <i>Galphimia glauca</i> producing sedative nor-friedelanes. <b>2010</b> , 76, 386-92		4
311	Effects of corticosterone synthesis inhibitor metyrapone on anxiety-related behaviors in Lurcher mutant mice. <i>Physiology and Behavior</i> , <b>2010</b> , 101, 309-14	3.5	13
310	Withdrawal from methylphenidate increases neural reactivity of dorsal midbrain. <i>Neuroscience Research</i> , <b>2010</b> , 68, 290-300	2.9	6
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308	A combined study of behavior and Fos expression in limbic structures after re-testing Wistar rats in the elevated plus-maze. <b>2010</b> , 81, 595-9		23

307	Cipura paludosa attenuates long-term behavioral deficits in rats exposed to methylmercury during early development. <b>2010</b> , 73, 1150-8		15
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304	Enriched environment and the recovery from inflammatory pain: Social versus physical aspects and their interaction. <i>Behavioural Brain Research</i> , <b>2010</b> , 208, 90-5	3-4	42
303	Effects of eszopiclone and zolpidem on sleep-wake behavior, anxiety-like behavior and contextual memory in rats. <i>Behavioural Brain Research</i> , <b>2010</b> , 210, 54-66	3-4	24
302	Altered emotionality leads to increased pain tolerance in amyloid beta (Abeta1-40) peptide-treated mice. <i>Behavioural Brain Research</i> , <b>2010</b> , 212, 96-102	3-4	19
301	Measuring anxiety in zebrafish: a critical review. <i>Behavioural Brain Research</i> , <b>2010</b> , 214, 157-71	3-4	332
300	Circadian phase and sex effects on depressive/anxiety-like behaviors and HPA axis responses to acute stress. <i>Physiology and Behavior</i> , <b>2010</b> , 99, 276-85	3-5	88
299	Novel positive allosteric modulators of GABAA receptors: do subtle differences in activity at alpha1 plus alpha5 versus alpha2 plus alpha3 subunits account for dissimilarities in behavioral effects in rats?. <b>2010</b> , 34, 376-86		37
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291	Blockade of 5-HT(2) receptors in the periaqueductal grey matter (PAG) abolishes the anxiolytic-like effect of 5-HT(1A) receptor antagonism in the median raphe nucleus in mice. <i>Behavioural Brain Research</i> , <b>2011</b> , 225, 547-53	3-4	8
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289	l-histidine induces state-dependent memory deficit in mice mediated by H(1) receptor. <b>2011</b> , 35, 91-5		9
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276	The influence of sex and estrous cycle on QTL for emotionality and ethanol consumption. <b>2011</b> , 22, 329-40		16
275	T-pattern analysis of diazepam-induced modifications on the temporal organization of rat behavioral response to anxiety in hole board. <b>2011</b> , 215, 177-89		26
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235	Disruption of footshock-induced theta rhythms by stimulating median raphe nucleus reduces anxiety in rats. <i>Behavioural Brain Research</i> , <b>2013</b> , 247, 193-200	3-4	8
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233	Morphine dependence is associated with changes in neuropeptide S receptor expression and function in rat brain. <b>2013</b> , 46, 6-12		11
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222	Astrocyte-specific deficiency of interleukin-6 and its receptor reveal specific roles in survival, body weight and behavior. <b>2013</b> , 27, 162-73		73
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217	Prediction of relaxin-3-induced downstream pathway resulting in anxiolytic-like behaviors in rats based on a microarray and peptidome analysis. <b>2013</b> , 33, 224-33		17
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215	Characterization of the anxiolytic activity of Nunavik <i>Rhodiola rosea</i> . <b>2013</b> , 79, 1385-91		13
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192	Adolescent alcohol exposure reduces behavioral flexibility, promotes disinhibition, and increases resistance to extinction of ethanol self-administration in adulthood. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 2570-83	8.7	123
191	Insulin reverses anxiety-like behavior evoked by streptozotocin-induced diabetes in mice. <i>Metabolic Brain Disease</i> , <b>2014</b> , 29, 737-46	3.9	29
190	Oxytocin in the prelimbic medial prefrontal cortex reduces anxiety-like behavior in female and male rats. <b>2014</b> , 45, 31-42		69
189	Chronic THC during adolescence increases the vulnerability to stress-induced relapse to heroin seeking in adult rats. <b>2014</b> , 24, 1037-45		48
188	Multivariate temporal pattern analysis applied to the study of rat behavior in the elevated plus maze: methodological and conceptual highlights. <b>2014</b> , 234, 116-26		18
187	Early adolescent stress alters behavior and the HPA axis response in male and female adult rats: the relevance of the nature and duration of the stressor. <i>Physiology and Behavior</i> , <b>2014</b> , 133, 178-89	3.5	27
186	Evidence for anxiolytic effects of acute caffeine on anxiety-related behavior in male and female rats tested with and without bright light. <i>Behavioural Brain Research</i> , <b>2014</b> , 271, 7-15	3.4	28
185	Tests of unconditioned anxiety - pitfalls and disappointments. <i>Physiology and Behavior</i> , <b>2014</b> , 135, 55-71	3.5	132
184	Temporal dynamics of anxiety phenotypes in a dental pulp injury model. <b>2015</b> , 11, 40		17
183	Mice undergoing neuropathic pain induce anxiogenic-like effects and hypernociception in cagemates. <b>2015</b> , 26, 664-72		27
182	Endorphin neuronal transplantation into the hypothalamus alters anxiety-like behaviors in prenatal alcohol-exposed rats and alcohol-non-preferring and alcohol-preferring rats. <b>2015</b> , 39, 146-57		12

181	Role of the endocannabinoid system in the emotional manifestations of osteoarthritis pain. <b>2015</b> , 156, 2001-2012		50
180	Behavioral alterations and Fos protein immunoreactivity in brain regions of bile duct-ligated cirrhotic rats. <b>2015</b> , 87, 331-493		3
179	Ethanol during adolescence decreased the BDNF levels in the hippocampus in adult male Wistar rats, but did not alter aggressive and anxiety-like behaviors. <b>2015</b> , 37, 143-51		14
178	Deletion of ovarian hormones induces a sickness behavior in rats comparable to the effect of lipopolysaccharide. <b>2015</b> , 2015, 627642		18
177	Metabolic and behavioral effects of ractopamine at continuous low levels in rats under stress. <b>2015</b> , 58, 406-413		3
176	Environmental enrichment reverses reduction in glucocorticoid receptor expression in the hippocampus of and improves behavioral responses of anxiety in early malnourished rats. <b>2015</b> , 1600, 32-41		11
175	The effects of different basal levels of anxiety on the behavioral shift analyzed in the central platform of the elevated plus maze. <i>Behavioural Brain Research</i> , <b>2015</b> , 281, 55-61	3-4	7
174	Involvement of 2-arachidonoylglycerol signaling in social challenge responding of male CD1 mice. <b>2015</b> , 232, 2157-67		10
173	Impact of chronic stressors on the anxiety profile of pregnant rats. <i>Physiology and Behavior</i> , <b>2015</b> , 142, 137-45	3-5	3
172	Rats with differential self-grooming expression in the elevated plus-maze do not differ in anxiety-related behaviors. <i>Behavioural Brain Research</i> , <b>2015</b> , 292, 370-80	3-4	20
171	Impairment in the aversive memory of mice in the inhibitory avoidance task but not in the elevated plus maze through intra-amygdala injections of histamine. <i>Pharmacology Biochemistry and Behavior</i> , <b>2015</b> , 135, 237-45	3-9	5
170	Anxiogenic drug administration and elevated plus-maze exposure in rats activate populations of relaxin-3 neurons in the nucleus incertus and serotonergic neurons in the dorsal raphe nucleus. <b>2015</b> , 303, 270-84		18
169	Trigeminal Inflammatory Compression (TIC) injury induces chronic facial pain and susceptibility to anxiety-related behaviors. <b>2015</b> , 295, 126-38		19
168	Hypercaloric diet modulates effects of chronic stress: a behavioral and biometric study on rats. <b>2015</b> , 18, 514-23		15
167	Effects of CB1 receptor agonism and antagonism on behavioral fear and physiological stress responses in adult intact, ovariectomized, and estradiol-replaced female rats. <b>2015</b> , 306, 123-37		10
166	Neuroactive compounds obtained from arthropod venoms as new therapeutic platforms for the treatment of neurological disorders. <b>2015</b> , 21, 31		19
165	Higher detection sensitivity of anxiolytic effects of diazepam by ledge-free open arm with opaque walled closed arm elevated plus maze in male rats. <i>Behavioural Brain Research</i> , <b>2015</b> , 294, 131-40	3-4	10
164	Grape powder prevents cognitive, behavioral, and biochemical impairments in a rat model of posttraumatic stress disorder. <b>2015</b> , 35, 65-75		59

163	Dorsal hippocampal microinjection of chlorpheniramine reverses the anxiolytic-like effects of l-histidine and impairs emotional memory in mice. <b>2015</b> , 587, 11-6		9
162	Differential effects of CB1 receptor agonism in behavioural tests of unconditioned and conditioned fear in adult male rats. <i>Behavioural Brain Research</i> , <b>2015</b> , 279, 9-16	3-4	18
161	The benzodiazepine midazolam acts on the expression of the defensive behavior, but not on the processing of aversive information, produced by exposure to the elevated plus maze and electrical stimulations applied to the inferior colliculus of rats. <i>Neuropharmacology</i> , <b>2015</b> , 88, 180-6	5-5	4
160	Anxiolytic-like effects observed in rats exposed to the elevated zero-maze following treatment with 5-HT <sub>2</sub> /5-HT <sub>3</sub> /5-HT <sub>4</sub> ligands. <b>2014</b> , 4, 3881		11
159	Lsmp is implicated in the regulation of emotional and social behavior by use of alternative promoters in the brain. <b>2015</b> , 220, 1381-93		22
158	EFEITOS DO EXERCÍCIO FÍSICO EM COMPORTAMENTOS RELACIONADOS COM A ANSIEDADE EM RATOS. <b>2016</b> , 22, 122-125		2
157	nor-BNI Antagonism of Kappa Opioid Agonist-Induced Reinstatement of Ethanol-Seeking Behavior. <b>2016</b> , 2016, 1084235		13
156	A Window on the Study of Aversive Instrumental Learning: Strains, Performance, Neuroendocrine, and Immunologic Systems. <i>Frontiers in Behavioral Neuroscience</i> , <b>2016</b> , 10, 162	3-5	2
155	Food Deprivation, Body Weight Loss and Anxiety-Related Behavior in Rats. <b>2016</b> , 6,		14
154	Behavioral Phenotyping of Juvenile Long-Evans and Sprague-Dawley Rats: Implications for Preclinical Models of Autism Spectrum Disorders. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158150	3-7	40
153	Alterations in alpha5* nicotinic acetylcholine receptors result in midbrain- and hippocampus-dependent behavioural and neural impairments. <b>2016</b> , 233, 3297-314		16
152	Pituitary adenylate cyclase-activating polypeptide (PACAP) in the central nucleus of the amygdala induces anxiety via melanocortin receptors. <b>2016</b> , 233, 3269-77		26
151	Widespread blunting of hypothalamic and amygdala-septal activity and behavior in rats with long-term hyperglycemia. <i>Behavioural Brain Research</i> , <b>2016</b> , 310, 59-67	3-4	5
150	Anxiolytic-like effect of a novel peptide isolated from the venom of the social wasp <i>Synocca surinama</i> . <b>2016</b> , 122, 39-42		3
149	Corticotropin-Releasing Factor Receptors as a Potential Target in the Developments of Antidepressant Drugs. <b>2016</b> , 751-764		
148	Effect of maternal diet on offspring coping styles in rodents: a systematic review and meta-analysis. <b>2016</b> , 91, 1065-1080		15
147	Reduction of anxiety-like and depression-like behaviors in rats after one month of drinking <i>Aronia melanocarpa</i> berry juice. <b>2016</b> , 7, 3111-20		22
146	Acute prenatal exposure to ethanol on gestational day 12 elicits opposing deficits in social behaviors and anxiety-like behaviors in Sprague Dawley rats. <i>Behavioural Brain Research</i> , <b>2016</b> , 310, 11-9 <sup>3-4</sup>		24

145	Alcohol consumption increases locomotion in an open field and induces Fos-immunoreactivity in reward and approach/withdrawal-related neurocircuitries. <b>2016</b> , 50, 73-82		14
144	Anxiety-like responses induced by nitric oxide within the BNST in mice: Role of CRF1 and NMDA receptors. <b>2016</b> , 79, 74-83		27
143	Effects of maternal stress and perinatal fluoxetine exposure on behavioral outcomes of adult male offspring. <b>2016</b> , 320, 281-96		45
142	Anxiolytic activity and active principles of Piper amalago (Piperaceae), a medicinal plant used by the Q'eqchi' Maya to treat susto, a culture-bound illness. <b>2016</b> , 185, 147-54		13
141	Effect of maternal exposure to Tityus bahiensis scorpion venom during lactation on the offspring of rats. <b>2016</b> , 59, 147-58		3
140	Temporal patterns of rat behaviour in the central platform of the elevated plus maze. Comparative analysis between male subjects of strains with different basal levels of emotionality. <b>2016</b> , 268, 155-62		10
139	Strain-dependent effects of acute caffeine on anxiety-related behavior in PVG/c, Long-Evans and Wistar rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2016</b> , 140, 51-61	3.9	17
138	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
137	Medial Septal NMDA Glutamate Receptors are Involved in Modulation of Blood Natural Killer Cell Activity in Rats. <b>2016</b> , 11, 121-32		5
136	Effects of cafeteria diet and high fat diet intake on anxiety, learning and memory in adult male rats. <b>2017</b> , 20, 396-408		18
135	Effects of acute caffeine on anxiety-related behavior in rats chronically exposed to the drug, with some evidence of possible withdrawal-reversal. <i>Behavioural Brain Research</i> , <b>2017</b> , 321, 87-98	3.4	12
134	Chronic social instability increases anxiety-like behavior and ethanol preference in male Long Evans rats. <i>Physiology and Behavior</i> , <b>2017</b> , 173, 179-187	3.5	14
133	Effects of Jasminum multiflorum leaf extract on rodent models of epilepsy, motor coordination and anxiety. <b>2017</b> , 131, 58-63		4
132	Intranasal administration of dopamine attenuates unconditioned fear in that it reduces restraint-induced ultrasound vocalizations and escape from bright light. <b>2017</b> , 31, 682-690		6
131	Behavioural outcomes of adult female offspring following maternal stress and perinatal fluoxetine exposure. <i>Behavioural Brain Research</i> , <b>2017</b> , 331, 84-91	3.4	22
130	Behaviour, stress and welfare of Sprague Dawley rats ( Rattus norvegicus ) on diet board feeding for 24 months. <b>2017</b> , 194, 86-94		2
129	Neonatal reflexes and behavior in hypertensive rats of ISIAH strain. <i>Physiology and Behavior</i> , <b>2017</b> , 175, 22-30	3.5	4
128	Exposure to a maternal cafeteria diet changes open-field behaviour in the developing offspring. <b>2017</b> , 57, 34-40		17

127	Adversity in early adolescence promotes an enduring anxious phenotype and increases serotonergic innervation of the infralimbic medial prefrontal cortex. <b>2017</b> , 364, 15-27		2
126	Oxytocin in the medial prefrontal cortex attenuates anxiety: Anatomical and receptor specificity and mechanism of action. <i>Neuropharmacology</i> , <b>2017</b> , 125, 1-12	5-5	41
125	Cholinergic agonist reverses H1-induced memory deficit in mice. <b>2017</b> , 72, 16-22		2
124	Behavioral effects of chronically elevated corticosterone in subregions of the medial prefrontal cortex. <i>Behavioural Brain Research</i> , <b>2017</b> , 316, 82-86	3-4	4
123	Evaluating social defeat as a model for psychopathology in adult female rodents. <i>Journal of Neuroscience Research</i> , <b>2017</b> , 95, 763-776	4-4	27
122	Effects of an acute cannabidiol treatment on cocaine self-administration and cue-induced cocaine seeking in male rats. <b>2017</b> , 31, 96-104		31
121	Describing some behavioural animal models of anxiety and their mechanistics with special reference to oxidative stress and oxytocin relevance. <b>2017</b> , 5, 98-104		14
120	Effects of electroacupuncture on stress and anxiety-related responses in rats. <b>2017</b> , 89, 1003-1012		3
119	Effects of Sex and Stress on Trigeminal Neuropathic Pain-Like Behavior in Rats. <b>2017</b> , 31, 381-397		9
118	Behavioral Effects of Systemic, Infralimbic and Prelimbic Injections of a Serotonin 5-HT Antagonist in Carioca High- and Low-Conditioned Freezing Rats. <i>Frontiers in Behavioral Neuroscience</i> , <b>2017</b> , 11, 117	3-5	21
117	A Fatty Acids Mixture Reduces Anxiety-Like Behaviors in Infant Rats Mediated by GABA Receptors. <b>2017</b> , 2017, 8798546		12
116	Critical neuropsychobiological analysis of panic attack- and anticipatory anxiety-like behaviors in rodents confronted with snakes in polygonal arenas and complex labyrinths: a comparison to the elevated plus- and T-maze behavioral tests. <b>2017</b> , 39, 72-83		25
115	The selective reversible FAAH inhibitor, SSR411298, restores the development of maladaptive behaviors to acute and chronic stress in rodents. <b>2018</b> , 8, 2416		42
114	Sacred Maya incense, copal (Protium copal - Burseraceae), has antianxiety effects in animal models. <b>2018</b> , 216, 63-70		11
113	Anxiolytic effect of an extract of Salvia miltiorrhiza roots in rats. <b>2018</b> , 81, 390-397		4
112	Psilocin and ketamine microdosing: effects of subchronic intermittent microdoses in the elevated plus-maze in male Wistar rats. <b>2018</b> , 29, 530-536		17
111	Doxycycline Used for Control of Transgene Expression has its Own Effects on Behaviors and Bcl-xL in the Rat Hippocampus. <b>2018</b> , 38, 281-288		6
110	Enhanced expression of heme oxygenase-1 in the locus coeruleus can be associated with anxiolytic-like effects. <i>Behavioural Brain Research</i> , <b>2018</b> , 336, 204-210	3-4	7



109	Effects of CB1 receptor antagonism and stress exposures in adolescence on socioemotional behaviours, neuroendocrine stress responses, and expression of relevant proteins in the hippocampus and prefrontal cortex in rats. <i>Neuropharmacology</i> , <b>2018</b> , 128, 433-447	5.5	12
108	Stress-induced hippocampus Npas4 mRNA expression relates to specific psychophysiological patterns of stress response. <b>2018</b> , 1679, 75-83		10
107	Behavior of Adult 5-HT1 Receptor Knockout Mice Exposed to Stress During Prenatal Development. <b>2018</b> , 371, 16-28		7
106	Evolu da neurocincia comportamental nos timos 50 anos. Foco no sistema de defesa e na neurotransmisso. <b>2018</b> , 51, 89-111		
105	Constitutive plasma membrane monoamine transporter (PMAT, Slc29a4) deficiency subtly affects anxiety-like and coping behaviours. <b>2018</b> , 48, 1706		12
104	Inflammatory and oxidative mechanisms potentiate bifenthrin-induced neurological alterations and anxiety-like behavior in adult rats. <b>2018</b> , 294, 73-86		32
103	A Novel Integrative Mechanism in Anxiolytic Behavior Induced by Galanin 2/Neuropeptide Y Y1 Receptor Interactions on Medial Paracapsular Intercalated Amygdala in Rats. <b>2018</b> , 12, 119		6
102	Effect of repeated juvenile exposure to $\Delta^9$ -tetrahydrocannabinol on anxiety-related behavior and social interactions in adolescent rats. <b>2018</b> , 69, 11-20		6
101	Sex-specific effects of CB1 receptor antagonism and stress in adolescence on anxiety, corticosterone concentrations, and contextual fear in adulthood in rats. <b>2018</b> , 69, 119-131		10
100	Categories of Wistar Rats Based on Anxiety Traits: A Study Using Factor and Cluster Method. <b>2018</b> , 25, 234-240		3
99	Pharmacological Evaluation of L. and L., Medicinal Plants Used to Treat Anxiety and Insomnia in Colombian Caribbean Coast. <b>2018</b> , 2018, 5921514		4
98	Relationship between behavioral measures of anxiety and latent inhibition in mature rats. <b>2019</b> , 47, 59-65		
97	Co-treatment of piracetam with risperidone rescued extinction deficits in experimental paradigms of post-traumatic stress disorder by restoring the physiological alterations in cortex and hippocampus. <i>Pharmacology Biochemistry and Behavior</i> , <b>2019</b> , 185, 172763	3.9	11
96	Reduced perineuronal net expression in Fmr1 KO mice auditory cortex and amygdala is linked to impaired fear-associated memory. <b>2019</b> , 164, 107042		10
95	Palatable food reduces anxiety-like behaviors and HPA axis responses to stress in female rats in an estrous-cycle specific manner. <b>2019</b> , 115, 104557		6
94	Acupuncture attenuates alcohol dependence through activation of endorphinergic input to the nucleus accumbens from the arcuate nucleus. <b>2019</b> , 5, eaax1342		18
93	Rat self-grooming and its relationships with anxiety, dearousal and perseveration: Evidence for a self-grooming trait. <i>Physiology and Behavior</i> , <b>2019</b> , 209, 112585	3.5	24
92	Blockade of the Sigma-1 Receptor Relieves Cognitive and Emotional Impairments Associated to Chronic Osteoarthritis Pain. <b>2019</b> , 10, 468		21

91	Hyperlocomotion and anxiety- like behavior induced by binge ethanol exposure in rat neonates. Possible ameliorative effects of Omega 3. <i>Behavioural Brain Research</i> , <b>2019</b> , 372, 112022	3-4	4
90	Parental behavior and anxiety in isogenic and outbred mice given access to two types of nesting materials. <b>2019</b> , 215, 68-76		1
89	New evidence for refinement of anesthetic choice in procedures preceding the forced swimming test and the elevated plus-maze. <i>Behavioural Brain Research</i> , <b>2019</b> , 368, 111897	3-4	7
88	Resistance to fear memory destabilization triggers exaggerated emotional-like responses following memory reactivation. <b>2019</b> , 93, 197-204		3
87	Ceratonia siliqua L. seed peels: Phytochemical profile, antioxidant activity, and effect on mood disorders. <b>2019</b> , 54, 457-465		9
86	Behavioural characterisation of chronic unpredictable stress based on ethologically relevant paradigms in rats. <b>2019</b> , 9, 17403		39
85	Environmental enrichment effects after early stress on behavior and functional brain networks in adult rats. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226377	3-7	11
84	A randomised placebo controlled clinical trial on the efficacy of Caralluma fimbriata supplement for reducing anxiety and stress in healthy adults over eight weeks. <b>2019</b> , 246, 619-626		6
83	Treatment with 1-benzylpiperazine (BZP) during adolescence of male and female hooded rats exposed to environmental enrichment: Subsequent behavioral outcomes. <b>2019</b> , 73, 32-40		0
82	Risk assessment and serotonin: Animal models and human psychopathologies. <i>Behavioural Brain Research</i> , <b>2019</b> , 357-358, 9-17	3-4	9
81	Early exposure to general anesthesia impairs social and emotional development in rats. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 41-50	6.2	16
80	Combined use of alcohol and cigarette increases locomotion and glutamate levels in the cerebrospinal fluid without changes on GABA or NMDA receptor subunit mRNA expression in the hippocampus of rats. <i>Behavioural Brain Research</i> , <b>2020</b> , 380, 112444	3-4	3
79	High- and Low-conditioned Behavioral effects of midazolam in Carioca high- and low-conditioned freezing rats in an ethologically based test. <b>2020</b> , 715, 134632		7
78	Behavioral characteristics of 5-HT receptor knockout mice: Locomotor activity, anxiety-, and fear memory-related behaviors. <i>Behavioural Brain Research</i> , <b>2020</b> , 379, 112394	3-4	7
77	Role of hippocampal nitrenergic neurotransmission in behavioral and cardiovascular dysfunctions evoked by chronic social stress. <b>2020</b> , 94, 114-124		4
76	Pre-Gestational intake of Lactobacillus helveticus NS8 has anxiolytic effects in adolescent Sprague Dawley offspring. <b>2020</b> , 10, e01714		5
75	Combined cocaine and clonazepam administration induces REM sleep loss and anxiety-like withdrawal behaviors in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2020</b> , 197, 173014	3-9	2
74	Locomotion in virtual environments predicts cardiovascular responsiveness to subsequent stressful challenges. <b>2020</b> , 11, 5904		6

73	Blockade of the endovanilloid receptor, TRPV1, and of the endocannabinoid enzyme, FAAH, within the nucleus accumbens shell elicits anxiolytic-like effects in male rats. <b>2020</b> , 732, 135023		1
72	A single ovarian stimulation, as performed in assisted reproductive technologies, can modulate the anxiety-like behavior and neuronal activation in stress-related brain areas in rats. <b>2020</b> , 124, 104805		1
71	Lycopene ameliorates PTSD-like behaviors in mice and rebalances the neuroinflammatory response and oxidative stress in the brain. <i>Physiology and Behavior</i> , <b>2020</b> , 224, 113026	3.5	16
70	Inhibition of fatty acid amide hydrolase by chlorpyrifos in juvenile rats results in altered exploratory and social behavior as adolescents. <b>2020</b> , 77, 127-136		17
69	Anxiogenesis induced by social defeat in male mice: Role of nitric oxide, NMDA, and CRF receptors in the medial prefrontal cortex and BNST. <i>Neuropharmacology</i> , <b>2020</b> , 166, 107973	5.5	7
68	Organophosphate Agent Induces ADHD-Like Behaviors via Inhibition of Brain Endocannabinoid-Hydrolyzing Enzyme(s) in Adolescent Male Rats. <b>2020</b> , 68, 2547-2553		5
67	Adolescent CB1 receptor antagonism influences subsequent social interactions and neural activity in female rats. <b>2020</b> , 80, 319-333		2
66	Neonatal Serotonin Depletion Induces Hyperactivity and Anxiolytic-like Sex-Dependent Effects in Adult Rats. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 1036-1051	6.2	2
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57	Exploratory drive, fear, and anxiety are dissociable and independent components in foraging mice. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 318	8.6	6
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52	Chronic restraint stress induces anxiety-like behavior and remodeling of dendritic spines in the central nucleus of the amygdala. <i>Behavioural Brain Research</i> , <b>2022</b> , 416, 113523	3.4	1
51	Studying the dawn of de novo gene emergence in mice reveals fast integration of new genes into functional networks.		4
50	The age-dependent effect of pre-pubertal castration on anxiety-like behaviour in male rats. <i>Andrologia</i> , <b>2020</b> , 52, e13649	2.4	1
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48	ABC transporters B1, C1 and G2 differentially regulate neuroregeneration in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e35613	3.7	35
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