A review of the validity and variability of the Elevated Fanxiety

Pharmacology Biochemistry and Behavior 54, 21-30

DOI: 10.1016/0091-3057(95)02126-4

Citation Report

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 2  | Anxiogenic-like effect of the neuropeptide YY1 receptor antagonist BIBP3226: antagonism with diazepam. European Journal of Pharmacology, 1996, 317, R3-R4.                                | 3.5 | 88        |
| 3  | The influence of open arm ledges and maze experience in the elevated plus-maze. Pharmacology Biochemistry and Behavior, 1996, 54, 31-40.  | 2.9 | 273       |
| 4  | Recent developments in anxiety, stress, and depression. Pharmacology Biochemistry and Behavior, 1996, 54, 3-12.   | 2.9 | 98        |
| 5  | Effects of the putative dopamine D3 receptor antagonist PNU 99194A on motor behavior and emotional reactivity in C57BL/6J mice. European Journal of Pharmacology, 1997, 337, 147-155.     | 3.5 | 23        |
| 6  | Mapping Quantitative Trait Loci for Fear-like Behaviors in Mice. Genomics, 1997, 46, 1-8.   | 2.9 | 110       |
| 7  | A Comparative Study of the Effects of Selective and Non-Selective 5-HT2 Receptor Subtype Antagonists in Rat and Mouse Models of Anxiety. Neuropharmacology, 1997, 36, 793-802.            | 4.1 | 122       |
| 8  | Comparative behavioural profiles of buspirone and its metabolite 1-(2-pyrimidinyl)-piperazine (1-PP) in the murine elevated plus-maze. Neuropharmacology, 1997, 36, 1089-1097.            | 4.1 | 36        |
| 9  | Resistance of experientially-induced changes in murine plus-maze behaviour to altered retest conditions. Behavioural Brain Research, 1997, 86, 71-77.                                     | 2.2 | 51        |
| 10 | Animal models of anxiety: an ethological perspective. Brazilian Journal of Medical and Biological Research, 1997, 30, 289-304.  | 1.5 | 508       |
| 11 | Stress and emotionality: a multidimensional and genetic approach. Neuroscience and Biobehavioral Reviews, 1997, 22, 33-57.  | 6.1 | 428       |
| 12 | Relationship of negative contrast to animal models of fear and anxiety. Learning and Behavior, 1998, 26, 397-407.   | 3.4 | 38        |
| 13 | Biological bases of anxiety. Neuroscience and Biobehavioral Reviews, 1998, 22, 623-633.   | 6.1 | 123       |
| 14 | Anxiolytic-like effect of neuropeptide Y (NPY) and NPY13–36 microinjected into vicinity of locus coeruleus in rats. Brain Research, 1998, 788, 345-348.                                   | 2.2 | 93        |
| 15 | Responses of Swiss–Webster Mice to Repeated Plus-Maze Experience Further Evidence for a Qualitative Shift in Emotional State?. Pharmacology Biochemistry and Behavior, 1998, 60, 473-488. | 2.9 | 154       |
| 16 | Anxiolytic activity of a standardized extract of Bacopa monniera: an experimental study. Phytomedicine, 1998, 5, 77-82.   | 5.3 | 97        |
| 17 | Comparative effects of novel 5-HT 1A receptor ligands, LY293284, LY315712 and LY297996, on plus-maze anxiety in mice. Psychopharmacology, 1998, 139, 185-194.                             | 3.1 | 27        |
| 18 | Anxiogenic-like effect of the NPY Y1 receptor antagonist BIBP3226 administered into the dorsal periaqueductal gray matter in rats. Regulatory Peptides, 1998, 75-76, 255-262.             | 1.9 | 56        |
| 19 | Effects of Cholecystokinin-Receptor Agonists on Cortical 5-HT Release in Guinea Pigs on the X-Maze.<br>Peptides, 1998, 19, 519-526.   | 2.4 | 16        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 20 | Naloxone-induced changes in tachykinin NK3 receptor modulation of experimental anxiety in mice. Neuroscience Letters, 1998, 258, 155-158.  | 2.1 | 35        |
| 21 | The H1- and H2-histamine blockers chlorpheniramine and ranitidine applied to the nucleus basalis magnocellularis region modulate anxiety and reinforcement related processes. Neuropharmacology, 1998, 37, 1019-1032.          | 4.1 | 72        |
| 22 | Interindividual Variability in Swiss Male Mice: Relationship between Social Factors, Aggression, and Anxiety. Physiology and Behavior, 1998, 63, 821-827.  | 2.1 | 108       |
| 23 | Â-HYDROXYBUTYRIC ACID REDUCING EFFECT ON ETHANOL INTAKE: EVIDENCE IN FAVOUR OF A SUBSTITUTION MECHANISM. Alcohol and Alcoholism, 1998, 33, 465-474.  | 1.6 | 83        |
| 24 | Relationship between anxiety and serotonin in the ventral striatum. NeuroReport, 1998, 9, 1025-1029.   | 1.2 | 69        |
| 25 | Behavioral profiles displayed by rats in an elevated asymmetric plus-maze: effects of diazepam.<br>Brazilian Journal of Medical and Biological Research, 1999, 32, 99-106.   | 1.5 | 17        |
| 26 | Fear-Potentiation in the Elevated Plus-Maze Test Depends on Stressor Controllability and Fear Conditioning. Stress, 1999, 3, 27-40.  | 1.8 | 42        |
| 27 | Effects of centrally administered anxiolytic compounds in animal models of anxiety. Neuroscience and Biobehavioral Reviews, 1999, 23, 591-613.   | 6.1 | 252       |
| 28 | Influence of spatial and temporal manipulations on the anxiolytic efficacy of chlordiazepoxide in mice previously exposed to the elevated plus-maze. Neuroscience and Biobehavioral Reviews, 1999, 23, 971-980.                | 6.1 | 108       |
| 29 | Hyperâ€Reactive Hypothalamoâ€Pituitaryâ€Adrenocortical Axis in Rats Bred for High Anxietyâ€Related<br>Behaviour. Journal of Neuroendocrinology, 1999, 11, 405-407.   | 2.6 | 178       |
| 30 | Social behaviour in rats lesioned with ibotenic acid in the hippocampus: quantitative and qualitative analysis. Psychopharmacology, 1999, 144, 333-338.  | 3.1 | 179       |
| 31 | Corticotropin-releasing factor antagonist attenuates the "anxiogenic-like" effect in the defensive burying paradigm but not in the elevated plus-maze following chronic cocaine in rats. Psychopharmacology, 1999, 145, 21-30. | 3.1 | 178       |
| 32 | Naltrexone potentiates the anxiolytic effects of chlordiazepoxide in rats exposed to novel environments. Psychopharmacology, 1999, 147, 168-173.   | 3.1 | 37        |
| 33 | Is There a Future for Neuropeptide Receptor Ligands in the Treatment of Anxiety Disorders?. , 1999, 82, 1-61.  |     | 153       |
| 34 | Behavioral and neurochemical consequences of lipopolysaccharide in mice: anxiogenic-like effects. Brain Research, 1999, 818, 291-303.  | 2.2 | 137       |
| 35 | Antiaggresive and Anxiolytic Effects of Gepirone in Mice, and Their Attenuation by WAY 100635. Pharmacology Biochemistry and Behavior, 1999, 62, 499-509.  | 2.9 | 30        |
| 36 | Ethopharmacological Analysis of 5-HT Ligands on the Rat Elevated Plus-Maze. Pharmacology Biochemistry and Behavior, 1999, 62, 515-521.   | 2.9 | 86        |
| 37 | Perinatal Exposure to the Estrogenic Pollutant Bisphenol A Affects Behavior in Male and Female Rats.<br>Pharmacology Biochemistry and Behavior, 1999, 64, 687-694.   | 2.9 | 171       |

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 38 | Sedative actions of Ternstroemia sylvatica in the male rat. Phytomedicine, 1999, 6, 115-118.  | 5.3  | 12        |
| 39 | Mimosa pudica may possess antidepressant actions in the rat. Phytomedicine, 1999, 6, 319-323.   | 5.3  | 44        |
| 40 | SINGLE-GENE INFLUENCES ON BRAIN AND BEHAVIOR. Annual Review of Psychology, 1999, 50, 599-624.   | 17.7 | 75        |
| 41 | Brain oxytocin: differential inhibition of neuroendocrine stress responses and anxiety-related behaviour in virgin, pregnant and lactating rats. Neuroscience, 1999, 95, 567-575. | 2.3  | 332       |
| 42 | Behavioral effects of essential oils from Lippia alba (Mill.) N.E. Brown chemotypes. Journal of Ethnopharmacology, 1999, 67, 127-133.   | 4.1  | 68        |
| 43 | Effect of Predatory Stress on Sucrose Intake and Behavior on the Plus-Maze in Male Mice. Physiology and Behavior, 1999, 67, 189-196.  | 2.1  | 72        |
| 44 | Response to Novelty After i.c.v. Injection of Melanin-Concentrating Hormone (MCH) in Rats. Physiology and Behavior, 1999, 67, 813-817.  | 2.1  | 73        |
| 45 | Corticosterone response to the plus-mazeHigh correlation with risk assessment in rats and mice. Physiology and Behavior, 1999, 68, 47-53.   | 2.1  | 214       |
| 46 | The "Anxiety State―and Its Relation with Rat Models of Memory and Habituation. Neurobiology of Learning and Memory, 1999, 72, 78-94.  | 1.9  | 43        |
| 47 | Chapter 1.4 Experimental design and statistical inference. Handbook of Behavioral Neuroscience, 1999, 13, 40-57.  | 0.0  | 5         |
| 48 | Effect of Nonsedative Doses of Propofol on an Innate Anxiogenic Situation in RatsÂ. Anesthesiology, 1999, 90, 191-196.  | 2.5  | 18        |
| 49 | Housing conditions and the anxiolytic efficacy of buspirone: the relationship between main and side effects. Behavioural Pharmacology, 2000, 11, 403-412.                         | 1.7  | 29        |
| 50 | Anxiolytic effects of repeated victory in male Wistar rats. Aggressive Behavior, 2000, 26, 257-261.   | 2.4  | 13        |
| 51 | Mice deficient for corticotropin-releasing hormone receptor-2 display anxiety-like behaviour and are hypersensitive to stress. Nature Genetics, 2000, 24, 410-414.                | 21.4 | 792       |
| 52 | Agastache mexicana may produce anxiogenic-like actions in the male rat. Phytomedicine, 2000, 7, 199-203.  | 5.3  | 18        |
| 53 | Croton zehntneri essential oil: effects on behavioral models related to depression and anxiety. Phytomedicine, 2000, 7, 477-481.  | 5.3  | 26        |
| 54 | Temporal analysis of the rat's behavior in the plus-maze: effect of midazolam. Pharmacology Biochemistry and Behavior, 2000, 67, 177-182.   | 2.9  | 26        |
| 55 | Differences in anxiety-related behavior and response to diazepam in BALB/cByJ and C57BL/6J strains of mice. Pharmacology Biochemistry and Behavior, 2000, 67, 739-748.            | 2.9  | 126       |

| #  | Article  | IF  | Citations |
|----|--|-----|-----------|
| 56 | Lesion of the Median Raphe Nucleus. Pharmacology Biochemistry and Behavior, 2000, 65, 15-21.   | 2.9 | 30        |
| 57 | Acute and Chronic Effects of Gepirone and Fluoxetine in Rats Tested in the Elevated Plus-maze.<br>Pharmacology Biochemistry and Behavior, 2000, 65, 209-216.                     | 2.9 | 159       |
| 58 | Effects of diazepam on the behaviour of weaned pigs in three putative models of anxiety. Applied Animal Behaviour Science, 2000, 68, 121-130.                                    | 1.9 | 42        |
| 59 | No effect of variation in handling on behaviour in a porcine elevated plus-maze — a brief report.<br>Applied Animal Behaviour Science, 2000, 69, 169-173.                        | 1.9 | 8         |
| 60 | Strain differences to the effects of aversive frequency ultrasound on behaviour and brain topography of c-fos expression in the rat. Brain Research, 2000, 854, 158-164.         | 2.2 | 36        |
| 61 | Involvement of adrenergic and cholinergic systems in nicotine-induced anxiogenesis in mice. European Journal of Pharmacology, 2000, 407, 145-158.                                | 3.5 | 51        |
| 62 | Mice lacking PKC gamma exhibit decreased anxiety. Behavior Genetics, 2000, 30, 111-121.  | 2.1 | 59        |
| 63 | The neurosteroid pregnanolone prevents the anxiogenic-like effect of inescapable shock in the rat. Psychopharmacology, 2000, 151, 31-37.   | 3.1 | 31        |
| 64 | Effects of two acute stressors on the anxiolytic efficacy of chlordiazepoxide. Psychopharmacology, 2000, 151, 1-6.   | 3.1 | 12        |
| 65 | Behavior and mutagenesis screens: the importance of baseline analysis of inbred strains. Mammalian Genome, 2000, 11, 555-564.  | 2.2 | 151       |
| 66 | Anxiolytic-like effects of 4-phenyl-2-trichloromethyl-3H-1,5-benzodiazepine hydrogen sulfate in mice. Brazilian Journal of Medical and Biological Research, 2000, 33, 1069-1073. | 1.5 | 20        |
| 67 | New directions in the treatment of anxiety disorders. Expert Opinion on Therapeutic Patents, 2000, 10, 389-402.  | 5.0 | 5         |
| 68 | Differential role of the medial and lateral prefrontal cortices in fear and anxiety Behavioral Neuroscience, 2000, 114, 1119-1130.   | 1.2 | 161       |
| 69 | Unconditioned anxiety and social behaviour in two rat lines selectively bred for high and low anxiety-related behaviour. Behavioural Brain Research, 2000, 111, 153-163.         | 2.2 | 125       |
| 70 | Ethological confirmatory factor analysis of anxiety-like behaviour in the murine elevated plus-maze. Behavioural Brain Research, 2000, 114, 199-212.                             | 2.2 | 77        |
| 71 | The effects of compounds varying in selectivity as 5-HT1A receptor antagonists in three rat models of anxiety. Neuropharmacology, 2000, 39, 1848-1857.                           | 4.1 | 72        |
| 72 | Behavioral profile of wild mice in the elevated plus-maze test for anxiety. Physiology and Behavior, 2000, 71, 509-516.  | 2.1 | 122       |
| 73 | Previous maze experience required to increase open arms avoidance in rats submitted to the elevated plus-maze model of anxiety. Behavioural Brain Research, 2000, 108, 197-203.  | 2.2 | 138       |

| #  | Article   | IF  | Citations |
|----|---|-----|-----------|
| 74 | Anxiolytic and anticonvulsant properties of doramectin in rats: behavioral and neurochemistric evaluations. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 2000, 127, 359-366.   | 0.5 | 5         |
| 75 | Comparison of neurokinin SP with diazepam in effects on memory and fear parameters in the elevated T-maze free exploration paradigm. Peptides, 2001, 22, 1031-1036.   | 2.4 | 10        |
| 76 | The mouse ligth-dark paradigm: A review. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2001, 25, 141-166.   | 4.8 | 187       |
| 77 | Vibrissal sense is not the main sensory modality in rat exploratory behavior in the elevated plus-maze.<br>Behavioural Brain Research, 2001, 122, 169-174.  | 2.2 | 43        |
| 78 | Prior test experience compromises the anxiolytic efficacy of chlordiazepoxide in the mouse light/dark exploration test. Behavioural Brain Research, 2001, 122, 159-167.   | 2,2 | 92        |
| 79 | Behavioural testing of standard inbred and 5HT1B knockout mice: implications of absent corpus callosum. Behavioural Brain Research, 2001, 125, 23-32.   | 2.2 | 30        |
| 80 | Measuring normal and pathological anxiety-like behaviour in mice: a review. Behavioural Brain Research, 2001, 125, 141-149.   | 2.2 | 753       |
| 81 | Unexpected absence of correlation between the genetic mechanisms regulating $\hat{l}^2$ -carboline-induced seizures and anxiety manifested in an elevated plus-maze test. Behavioural Brain Research, 2001, 125, 159-165.   | 2.2 | 6         |
| 82 | Influence of circadian phase and test illumination on pre-clinical models of anxiety. Physiology and Behavior, 2001, 72, 99-106.  | 2.1 | 75        |
| 83 | Standardizing tests of mouse behavior: Reasons, recommendations, and reality. Physiology and Behavior, 2001, 73, 695-704.   | 2.1 | 144       |
| 84 | PBI creams. Physiology and Behavior, 2001, 74, 621-628.   | 2.1 | 7         |
| 85 | Effects of chlorpyrifos in the plus-maze model of anxiety. Behavioural Pharmacology, 2001, 12, 285-292.   | 1.7 | 53        |
| 86 | Is this mouse anxious? The difficulties of interpreting the effects of genetic action. Commentary on Belzung †The genetic basis of the pharmacological effects of anxiolytics' and Olivier et al. †The 5-HT 1A receptor knockout mouse and anxiety'. Behavioural Pharmacology, 2001, 12, 461-465. | 1.7 | 5         |
| 87 | Anxious genes, emerging themes. Commentary on Belzung †The genetic basis of the pharmacological effects of anxiolytics†and Olivier et al. †The 5-HT 1A receptor knockout mouse and anxietyâ€. Behavioural Pharmacology, 2001, 12, 471-476.  | 1.7 | 10        |
| 88 | Dimensions of emotionality in a rat model of innate anxiety Behavioral Neuroscience, 2001, 115, 429-436.  | 1.2 | 114       |
| 89 | Anxiety-related behaviors in the elevated zero-maze are affected by genetic factors and retinal degeneration Behavioral Neuroscience, 2001, 115, 468-476.   | 1.2 | 82        |
| 90 | Nicotine as an Addictive Substance: A Critical Examination of the Basic Concepts and Empirical Evidence. Journal of Drug Issues, 2001, 31, 325-394.   | 1.2 | 26        |
| 92 | Corticosteroids in relation to fear, anxiety and psychopathology. Neuroscience and Biobehavioral Reviews, 2001, 25, 117-142.  | 6.1 | 496       |

| #   | Article   | IF                | CITATIONS |
|-----|---|-------------------|-----------|
| 93  | Targeted gene mutation approaches to the study of anxiety-like behavior in mice. Neuroscience and Biobehavioral Reviews, 2001, 25, 261-273.   | 6.1               | 191       |
| 94  | Methodological and conceptual issues in the use of the elevated plus-maze as a psychological measurement instrument of animal anxiety-like behavior. Neuroscience and Biobehavioral Reviews, 2001, 25, 275-286. | 6.1               | 207       |
| 95  | Robust tracking and posture description for laboratory rodents using active shape models. Behavior Research Methods, 2001, 33, 381-391.   | 1.3               | 21        |
| 96  | Chronic Daily Ethanol and Withdrawal: 2. Behavioral Changes During Prolonged Abstinence.<br>Alcoholism: Clinical and Experimental Research, 2001, 25, 999-1005.   | 2.4               | 85        |
| 97  | A cautionary note regarding the use of nutritional l-tryptophan to alter aversion-related behaviour in mice. Applied Animal Behaviour Science, 2001, 72, 365-373.   | 1.9               | 3         |
| 98  | Differential sensitivity to the anxiolytic effects of ethanol and flunitrazepam in PKCÎ <sup>3</sup> null mutant mice. Pharmacology Biochemistry and Behavior, 2001, 69, 99-110.                                | 2.9               | 24        |
| 99  | Anxiolytic-like effects of DAIZAC, a selective high-affinity 5-HT3 receptor antagonist, in the mouse elevated plus-maze. Pharmacology Biochemistry and Behavior, 2001, 69, 571-578.                             | 2.9               | 26        |
| 100 | Diazepam, but not buspirone, induces similar anxiolytic-like actions in lactating and ovariectomized Wistar rats. Pharmacology Biochemistry and Behavior, 2001, 70, 85-93.                                      | 2.9               | 48        |
| 101 | Different effects of diazepam in Fischer rats and two stocks of Wistar rats in tests of anxiety. Pharmacology Biochemistry and Behavior, 2001, 70, 411-420.   | 2.9               | 65        |
| 102 | Stereotaxic delivery of corticosterone to the amygdala modulates colonic sensitivity in rats. Brain Research, 2001, 893, 135-142.   | 2.2               | 116       |
| 103 | QTL analysis identifies multiple behavioral dimensions in ethological tests of anxiety in laboratory mice. Current Biology, 2001, 11, 725-734.  | 3.9               | 156       |
| 104 | Behavioral genetics: Anxiety under interrogation. Current Biology, 2001, 11, R473-R476.   | 3.9               | 8         |
| 105 | Psychogenic, neurogenic, and systemic stressor effects on plasma corticosterone and behavior: Mouse strain-dependent outcomes Behavioral Neuroscience, 2001, 115, 443-454.                                      | 1.2               | 173       |
| 106 | Characterization of αâ€casozepine, a tryptic peptide from bovine αs1â€casein with benzodiazepineâ€like activit<br>FASEB Journal, 2001, 15, 1780-1782.   | <sup>y.</sup> o.5 | 73        |
| 107 | Assessing the behavioral and cognitive effects of seizures on the developing brain. Progress in Brain Research, 2002, 135, 377-390.   | 1.4               | 76        |
| 108 | A Quantitative Trait Locus Influencing Anxiety in the Laboratory Rat. Genome Research, 2002, 12, 618-626.   | 5.5               | 133       |
| 109 | Brain Neuropeptide $\hat{I}$ (NPY) in Stress and Alcohol Dependence. Reviews in the Neurosciences, 2002, 13, 85-94.   | 2.9               | 106       |
| 110 | Cocaine-induced anxiety: alleviation by diazepam, but not buspirone, dimenhydrinate or diphenhydramine. Behavioural Pharmacology, 2002, 13, 511-523.  | 1.7               | 101       |

| #   | ARTICLE  | IF  | Citations |
|-----|--|-----|-----------|
| 111 | Anxiolytic effects of cytotoxic hippocampal lesions in rats Behavioral Neuroscience, 2002, 116, 494-497.   | 1.2 | 100       |
| 112 | Dietary L-Lysine Deficiency Increases Stress-Induced Anxiety and Fecal Excretion in Rats. Journal of Nutrition, 2002, 132, 3744-3746.  | 2.9 | 66        |
| 113 | Infantile spasms: Criteria for an animal model. International Review of Neurobiology, 2002, 49, 391-411.   | 2.0 | 42        |
| 114 | Elevated Plus Maze Behavior, Auditory Startle Response, and Shock Sensitivity in Predisease and in Early Stage Autoimmune Disease MRL/lpr Mice. Brain, Behavior, and Immunity, 2002, 16, 46-61.                    | 4.1 | 10        |
| 115 | Double dissociation of function within the hippocampus: Spatial memory and hyponeophagia Behavioral Neuroscience, 2002, 116, 884-901.  | 1,2 | 274       |
| 116 | Genetic effects on an animal model of anxiety. FEBS Letters, 2002, 529, 131-134.   | 2.8 | 19        |
| 117 | Validation of a behavioral recording automated system in the elevated plus-maze test. Life Sciences, 2002, 70, 1751-1762.  | 4.3 | 15        |
| 118 | Increased anxiety-related behavior in mice deficient for metabotropic glutamate 8 (mGlu8) receptor.<br>Neuropharmacology, 2002, 43, 251-259.   | 4.1 | 93        |
| 119 | Not all â€~predator odours' are equal: cat odour but not 2,4,5 trimethylthiazoline (TMT; fox odour) elicits specific defensive behaviours in rats. Behavioural Brain Research, 2002, 129, 1-16.                    | 2.2 | 219       |
| 120 | Behavioral profile of rats submitted to session 1-session 2 in the elevated plus-maze during diurnal/nocturnal phases and under different illumination conditions. Behavioural Brain Research, 2002, 132, 135-143. | 2.2 | 92        |
| 121 | Individual response profiles of male Wistar rats in animal models for anxiety and depression. Behavioural Brain Research, 2002, 136, 1-12.   | 2.2 | 166       |
| 122 | Reliability of high and low anxiety-related behaviour:. Behavioural Brain Research, 2002, 136, 227-237.  | 2.2 | 54        |
| 123 | The role of vision and proprioception in the aversion of rats to the open arms of an elevated plus-maze. Behavioural Processes, 2002, 60, 15-26.   | 1.1 | 39        |
| 124 | Anxiolytic-like effects of Kava-Kava in the elevated plus maze test—a comparison with diazepam.<br>Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2002, 26, 855-860.                              | 4.8 | 62        |
| 125 | Overexpression of 5-HT1B Receptor in Dorsal Raphe Nucleus Using Herpes Simplex Virus Gene Transfer Increases Anxiety Behavior after Inescapable Stress. Journal of Neuroscience, 2002, 22, 4550-4562.              | 3.6 | 115       |
| 126 | Envolvimento dos receptores 5-HT2 da amÃgdala nos nÃveis de ansiedade induzidos pela exposição de ratos ao labirinto em cruz elevado. Psicologia: Teoria E Pesquisa, 2002, 18, 329-335.                            | 0.1 | 0         |
| 127 | Influências do ciclo estral sobre o desempenho de ratos no labirinto em cruz elevado. Interacao Em<br>Psicologia, 2002, 6, .   | 0.1 | 3         |
| 128 | Anxiogenic-like effect of serotonin1B receptor stimulation in the rat elevated plus-maze. Pharmacology Biochemistry and Behavior, 2002, 71, 581-587.   | 2.9 | 69        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 129 | Prior maze experience required to alter midazolam effects in rats submitted to the elevated plus-maze. Pharmacology Biochemistry and Behavior, 2002, 72, 449-455.                      | 2.9 | 59        |
| 130 | Anxiolytic effects of ethanol and phenobarbital are abolished in test-experienced rats submitted to the elevated plus maze. Pharmacology Biochemistry and Behavior, 2002, 73, 963-969. | 2.9 | 61        |
| 131 | Factor analysis of behaviour in the porcine and murine elevated plus-maze models of anxiety. Applied Animal Behaviour Science, 2002, 77, 155-166.                                      | 1.9 | 17        |
| 132 | Alterations in the auditory startle response in Fmr1 targeted mutant mouse models of fragile X syndrome. Brain Research, 2002, 927, 8-17.  | 2.2 | 146       |
| 133 | Behavioral effects of excitotoxic lesions of ventral medial prefrontal cortex in the rat are hemisphere-dependent. Brain Research, 2002, 927, 69-79.                                   | 2.2 | 134       |
| 134 | Effects of antalarmin, a CRF type 1 receptor antagonist, on anxiety-like behavior and motor activation in the rat. Brain Research, 2002, 952, 188-199.                                 | 2.2 | 146       |
| 135 | Ethological methods to study the effects of maternal exposure to estrogenic endocrine disrupters. Neurotoxicology and Teratology, 2002, 24, 55-69.                                     | 2.4 | 66        |
| 136 | The Gerbil Elevated Plus-Maze I Behavioral Characterization and Pharmacological Validation. Neuropsychopharmacology, 2002, 27, 357-370.  | 5.4 | 71        |
| 137 | A 3D spatial navigation task for assessing memory in rodents. Neuroscience Research Communications, 2002, 31, 19-28.   | 0.2 | 4         |
| 138 | Effects of amphetamine on the plus-maze discriminative avoidance task in mice. Psychopharmacology, 2002, 160, 9-18.  | 3.1 | 40        |
| 139 | On the anxiogenic and anxiolytic nature of long-term cerebral 5-HT depletion following MDMA. Psychopharmacology, 2002, 162, 448-450.   | 3.1 | 39        |
| 140 | Anxiolytic-like effects of acute and chronic GABA transporter inhibition in rats. Journal of Neural Transmission, 2002, 109, 871-880.  | 2.8 | 36        |
| 141 | The effects of genetic and pharmacological blockade of the CB1 cannabinoid receptor on anxiety. European Journal of Neuroscience, 2002, 16, 1395-1398.                                 | 2.6 | 305       |
| 142 | The neurocircuitry and receptor subtypes mediating anxiolytic-like effects of neuropeptide Y. Neuroscience and Biobehavioral Reviews, 2002, 26, 259-283.                               | 6.1 | 316       |
| 143 | Anxiety in the elevated zero-maze is augmented in mice after repeated daily exposure. Behavior Genetics, 2002, 32, 113-118.  | 2.1 | 32        |
| 144 | Possible anxiolytic effects of ivermectin in rats. Veterinary Research Communications, 2002, 26, 309-321.  | 1.6 | 28        |
| 145 | High vs low anxiety-related behavior rats: an animal model of extremes in trait anxiety. Behavior Genetics, 2002, 32, 301-314.   | 2.1 | 218       |
| 146 | Evaluation of an Anxiety-Related Phenotype in Galanin Overexpressing Transgenic Mice. Journal of Molecular Neuroscience, 2002, 18, 151-166.  | 2.3 | 123       |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 147 | Effects of high-Î <sup>3</sup> -linolenic acid canola oil compared with borage oil on reproduction, growth, and brain and behavioral development in mice. Lipids, 2003, 38, 171-178.                | 1.7 | 22        |
| 148 | Animal models of anxiety disorders. Current Psychiatry Reports, 2003, 5, 274-281.   | 4.5 | 55        |
| 149 | Evaluation of the anxiolytic-like effect of NKP608, a NK1-receptor antagonist, in two rat strains that differ in anxiety-related behaviors. Psychopharmacology, 2003, 170, 287-293.                 | 3.1 | 42        |
| 150 | Behavioral phenotyping of mice in pharmacological and toxicological research. Experimental and Toxicologic Pathology, 2003, 55, 69-83.  | 2.1 | 280       |
| 151 | Behavioural screening in mutagenised miceâ€"in search for novel animal models of psychiatric disorders. European Journal of Pharmacology, 2003, 480, 219-228.                                       | 3.5 | 22        |
| 152 | Excitotoxic lesions of the medial prefrontal cortex attenuate fear responses in the elevated-plus maze, social interaction and shock probe burying tests. Brain Research, 2003, 969, 183-194.       | 2.2 | 174       |
| 153 | The 5-HT1A receptor agonist MKC-242 increases the exploratory activity of mice in the elevated plus-maze. European Journal of Pharmacology, 2003, 458, 141-144.                                     | 3.5 | 13        |
| 154 | Prior exposure to the elevated plus-maze sensitizes mice to the acute behavioral effects of fluoxetine and phenelzine. European Journal of Pharmacology, 2003, 459, 221-230.                        | 3.5 | 62        |
| 155 | The mouse light/dark box test. European Journal of Pharmacology, 2003, 463, 55-65.  | 3.5 | 1,037     |
| 156 | A robust animal model of state anxiety: fear-potentiated behaviour in the elevated plus-maze. European Journal of Pharmacology, 2003, 463, 163-175.   | 3.5 | 230       |
| 157 | 5-HT1A receptor knockout mice and mice overexpressing corticotropin-releasing hormone in models of anxiety. European Journal of Pharmacology, 2003, 463, 185-197.                                   | 3.5 | 83        |
| 158 | Lack of midazolam-induced anxiolysis in the plus-maze Trial 2 is dependent on the length of Trial 1. Pharmacology Biochemistry and Behavior, 2003, 74, 395-400.                                     | 2.9 | 40        |
| 159 | Behavioural and microdialysis study after neurotoxic lesion of the dorsal raphe nucleus in rats. Pharmacology Biochemistry and Behavior, 2003, 74, 587-593.   | 2.9 | 16        |
| 160 | Anxiogenic effects during withdrawal from acute ethanol in adolescent and adult rats. Pharmacology Biochemistry and Behavior, 2003, 75, 411-418.  | 2.9 | 179       |
| 161 | 5-HT1B receptor mRNA levels in dorsal raphe nucleus: inverse association with anxiety behavior in the elevated plus maze. Pharmacology Biochemistry and Behavior, 2003, 75, 769-776.                | 2.9 | 17        |
| 162 | Behavioral effects of neuropeptide Y in F344 rat substrains with a reduced dipeptidyl-peptidase IV activity. Pharmacology Biochemistry and Behavior, 2003, 75, 869-879.                             | 2.9 | 45        |
| 163 | Behavioural differences in sub-adult female mice exposed to a murine elevated plus-maze: correlated effects of selection for high litter size. Applied Animal Behaviour Science, 2003, 80, 347-354. | 1.9 | 1         |
| 164 | Analysis of quantitative trait loci that influence animal behavior. Journal of Neurobiology, 2003, 54, 46-77.   | 3.6 | 198       |

| #   | Article   | IF  | Citations |
|-----|---|-----|-----------|
| 165 | Different data from different labs: Lessons from studies of gene-environment interaction. Journal of Neurobiology, 2003, 54, 283-311.   | 3.6 | 450       |
| 166 | Anxiolytic effects of Stachys lavandulifolia Vahl on the elevated plus-maze model of anxiety in mice. Journal of Ethnopharmacology, 2003, 89, 271-276.  | 4.1 | 114       |
| 167 | The effect of social factors on the anxiolytic efficacy of buspirone in male rats, male mice, and men. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2003, 27, 1187-1199.                                     | 4.8 | 28        |
| 168 | The phenomenon of one-trial tolerance to the anxiolytic effect of chlordiazepoxide in the elevated plus-maze test is abolished by previous administration of chlordiazepoxide or buspirone. Life Sciences, 2003, 73, 1063-1074. | 4.3 | 12        |
| 169 | Lactation and weaning effects on physiological and behavioral response to stressors. Physiology and Behavior, 2003, 78, 1-9.  | 2.1 | 35        |
| 170 | Longitudinal study of daily variation of rats' behavior in the elevated plus-maze. Physiology and Behavior, 2003, 78, 125-133.  | 2.1 | 55        |
| 171 | Effect of the serotonin agonist buspirone on behaviour and hypothalamic–pituitary–adrenal axis in confident and fearful mink. Physiology and Behavior, 2003, 78, 229-240.   | 2.1 | 28        |
| 172 | Profile of wild Neotropical spiny rats (Trinomys, Echimyidae) in two behavioral tests. Physiology and Behavior, 2003, 79, 129-133.  | 2.1 | 15        |
| 173 | Extreme reduction of dipeptidyl peptidase IV activity in F344 rat substrains is associated with various behavioral differences. Physiology and Behavior, 2003, 80, 123-134.   | 2.1 | 55        |
| 174 | Methylphenidate treatment during pre- and periadolescence alters behavioral responses to emotional stimuli at adulthood. Biological Psychiatry, 2003, 54, 1317-1329.  | 1.3 | 234       |
| 175 | Prenatal cocaine and/or nicotine exposure produces depression and anxiety in aging rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2003, 27, 501-518.   | 4.8 | 82        |
| 176 | Relationship between striatal levels of interleukin-2 mRNA and plus-maze behaviour in the rat.<br>Neuroscience Letters, 2003, 341, 205-208.   | 2.1 | 39        |
| 177 | Conflict as a determinant of rat behavior in three types of elevated plus-maze. Behavioural Processes, 2003, 63, 87-93.   | 1.1 | 25        |
| 178 | Increased c-Fos expression in the centromedial nucleus of the thalamus in metabotropic glutamate 8 receptor knockout mice following the elevated plus maze test. Neuroscience, 2003, 121, 167-178.                              | 2.3 | 25        |
| 179 | Effects of pedunculopontine tegmental nucleus lesions on emotional reactivity and locomotion in rats. Brain Research Bulletin, 2003, 59, 495-503.   | 3.0 | 13        |
| 180 | Gender-specific effect of maternal deprivation on anxiety and corticotropin-releasing hormone mRNA expression in rats. Brain Research Bulletin, 2003, 62, 85-91.  | 3.0 | 69        |
| 181 | Effects of electrical stimulation or lesion in nucleus accumbens on the behaviour of rats in a T-maze after administration of 8-OH-DPAT or vehicle. Behavioural Brain Research, 2003, 140, 165-173.                             | 2.2 | 50        |
| 182 | Agmatine induces anxiolysis in the elevated plus maze task in adult rats. Behavioural Brain Research, 2003, 141, 19-24.   | 2.2 | 74        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 183 | Improvement of shuttle-box performance by anterodorsal medial septal lesions in rats. Behavioural Brain Research, 2003, 141, 147-158.   | 2.2 | 22        |
| 184 | Antipanic procedures reduce the strychnine-facilitated wild running of rats. Behavioural Brain Research, 2003, 147, 157-162.  | 2.2 | 6         |
| 185 | Evidence for a 5-HT2A receptor mode of action in the anxiolytic-like properties of DOI in mice. Behavioural Brain Research, 2003, 147, 175-184.   | 2,2 | 49        |
| 186 | Animal models of anxiety and their molecular dissection. Seminars in Cell and Developmental Biology, 2003, 14, 37-42.   | 5.0 | 36        |
| 187 | Anxiolytic Effects of Acute Morphine Can Be Modulated by Nitric Oxide Systems. Pharmacology, 2003, 68, 183-189.   | 2.2 | 42        |
| 188 | Prolonged Treatment with I-Lysine and I-Arginine Reduces Stress-induced Anxiety in an Elevated Plus<br>Maze. Nutritional Neuroscience, 2003, 6, 125-128.  | 3.1 | 21        |
| 189 | Variability in the Benzodiazepine Response of Serotonin 5-HT1A Receptor Null Mice Displaying Anxiety-Like Phenotype: Evidence for Genetic Modifiers in the 5-HT-Mediated Regulation of GABAA Receptors. Journal of Neuroscience, 2004, 24, 6343-6351. | 3.6 | 42        |
| 190 | Improved Behavior and Neuropathology in the Mouse Model of Sanfilippo Type IIIB Disease after Adeno-Associated Virus-Mediated Gene Transfer in the Striatum. Journal of Neuroscience, 2004, 24, 10229-10239.  | 3.6 | 121       |
| 191 | Context-dependent effects of CB1 cannabinoid gene disruption on anxiety-like and social behaviour in mice. European Journal of Neuroscience, 2004, 19, 1906-1912.   | 2.6 | 259       |
| 192 | CREBalphadelta- deficient mice show inhibition and low activity in novel environments without changes in stress reactivity. European Journal of Neuroscience, 2004, 20, 503-513.  | 2.6 | 20        |
| 193 | Environmental enrichment in mice decreases anxiety, attenuates stress responses and enhances natural killer cell activity. European Journal of Neuroscience, 2004, 20, 1341-1347.   | 2.6 | 358       |
| 194 | 17βâ€Oestradiol Modulates Glucocorticoid, Neural and Behavioural Adaptations to Repeated Restraint Stress in Female Rats. Journal of Neuroendocrinology, 2004, 16, 776-785.   | 2.6 | 80        |
| 195 | Anxiety-Like Behavior in Mice in Two Apparatuses During Withdrawal From Chronic Ethanol Vapor Inhalation. Alcoholism: Clinical and Experimental Research, 2004, 28, 1012-1019.  | 2.4 | 75        |
| 196 | Effects of nicotine on elevated plus maze and locomotor activity in male and female adolescent and adult rats. Pharmacology Biochemistry and Behavior, 2004, 77, 21-28.   | 2.9 | 123       |
| 197 | Bidirectional effects of benzodiazepine binding site ligands in the elevated plus-maze: differential antagonism by flumazenil and $\hat{l}^2$ -CCt. Pharmacology Biochemistry and Behavior, 2004, 79, 279-290.  | 2.9 | 43        |
| 198 | Anxiolytic effects of Echium amoenum on the elevated plus-maze model of anxiety in mice. Fìtoterapìâ, 2004, 75, 457-464.  | 2.2 | 69        |
| 199 | QTL Analysis of Multiple Behavioral Measures of Anxiety in Mice. Behavior Genetics, 2004, 34, 267-293.  | 2.1 | 169       |
| 200 | Maternal Separation in Rats Leads to Anxiety-Like Behavior and a Blunted ACTH Response and Altered Neurotransmitter Levels in Response to a Subsequent Stressor. Metabolic Brain Disease, 2004, 19, 3-14.   | 2.9 | 274       |

| #   | Article   | IF  | Citations |
|-----|---|-----|-----------|
| 201 | Anxiogenic effect of sleep deprivation in the elevated plus-maze test in mice. Psychopharmacology, 2004, 176, 115-122.  | 3.1 | 96        |
| 202 | Anxiolytic-like profile in Wistar, but not Sprague?Dawley rats in the social interaction test.<br>Psychopharmacology, 2004, 177, 23-34.   | 3.1 | 70        |
| 203 | Behavioral alterations induced by repeated testing in C57BL/6J and 129S2/Sv mice: implications for phenotyping screens. Genes, Brain and Behavior, 2004, 3, 27-38.                            | 2.2 | 169       |
| 204 | Differential roles for neuropeptide Y Y1 and Y5 receptors in anxiety and sedation. Journal of Neuroscience Research, 2004, 77, 723-729.   | 2.9 | 101       |
| 205 | Neuropeptide Y and Related Peptides. Handbook of Experimental Pharmacology, 2004, , .   | 1.8 | 17        |
| 206 | Ethological validation and the assessment of anxiety-like behaviours: methodological comparison of classical analyses and structural approaches. Behavioural Processes, 2004, 67, 195-206.    | 1.1 | 35        |
| 207 | Endotoxin exposure in early life alters the development of anxiety-like behaviour in the Fischer 344 rat. Behavioural Brain Research, 2004, 154, 63-69.                                       | 2.2 | 88        |
| 208 | The NK1 receptor antagonist NKP608 lacks anxiolytic-like activity in Swiss-Webster mice exposed to the elevated plus-maze. Behavioural Brain Research, 2004, 154, 183-192.                    | 2.2 | 14        |
| 209 | Anxiety as a predictor of alcohol preference in rats?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2004, 28, 961-968.   | 4.8 | 26        |
| 210 | Intranasal administration of NAP, a neuroprotective peptide, decreases anxiety-like behavior in aging mice in the elevated plus maze. Neuroscience Letters, 2004, 361, 128-131.               | 2.1 | 77        |
| 211 | Anxiolytic-like actions of leaves of Casimiroa edulis (Rutaceae) in male Wistar rats. Journal of Ethnopharmacology, 2004, 93, 93-98.  | 4.1 | 34        |
| 212 | Effects of bacterial superantigens on behavior of mice in the elevated plus maze and light–dark box. Brain, Behavior, and Immunity, 2004, 18, 46-54.  | 4.1 | 18        |
| 213 | CB1 cannabinoid receptors mediate anxiolytic effects: convergent genetic and pharmacological evidence with CB1-specific agents. Behavioural Pharmacology, 2004, 15, 299-304.                  | 1.7 | 215       |
| 214 | Pharmacological Characterization of FR194921, a New Potent, Selective, and Orally Active Antagonist for Central Adenosine A1 Receptors. Journal of Pharmacological Sciences, 2004, 96, 42-52. | 2.5 | 68        |
| 215 | Potential Anxiolytic and Antidepressant-Like Activities of SNC80, a Selective δ-Opioid Agonist, in Behavioral Models in Rodents. Journal of Pharmacological Sciences, 2004, 95, 374-380.      | 2.5 | 166       |
| 217 | Effect of intraperitoneal acetyl-L-carnitine (ALCAR) on anxiety-like behaviours in rats. International Journal of Neuropsychopharmacology, 2005, 8, 65-74.                                    | 2.1 | 14        |
| 218 | Dietary Soy Supplements Produce Opposite Effects on Anxiety in Intact Male and Female Rats in the Elevated Plus-Maze Behavioral Neuroscience, 2005, 119, 587-594.                             | 1.2 | 29        |
| 220 | Anxiolytic-Like Effects of Ginsenosides on the Elevated Plus-Maze Model in Mice. Biological and Pharmaceutical Bulletin, 2005, 28, 1621-1625.   | 1.4 | 48        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 221 | Anxiety-like behaviors following chronic ethanol exposure. Neuroscience and Biobehavioral Reviews, 2005, 28, 837-850.   | 6.1 | 171       |
| 222 | TMT-induced autonomic and behavioral changes and the neural basis of its processing. Neuroscience and Biobehavioral Reviews, 2005, 29, 1145-1156.   | 6.1 | 141       |
| 223 | Measuring emotional processes in animals: the utility of a cognitive approach. Neuroscience and Biobehavioral Reviews, 2005, 29, 469-491.   | 6.1 | 592       |
| 224 | Sub-neurotoxic neonatal anoxia induces subtle behavioural changes and specific abnormalities in brain group-I metabotropic glutamate receptors in rats. Journal of Neurochemistry, 2005, 95, 137-145. | 3.9 | 29        |
| 225 | Behavioural profiles of inbred mouse strains used as transgenic backgrounds. II: cognitive tests. Genes, Brain and Behavior, 2005, 4, 307-317.  | 2.2 | 139       |
| 226 | Common variations in the pretest environment influence genotypic comparisons in models of anxiety. Genes, Brain and Behavior, 2005, 4, 412-419.   | 2.2 | 72        |
| 227 | Effects of prenatal stress on anxiety and social interactions in adult rats. Developmental Brain Research, 2005, 160, 265-274.  | 1.7 | 91        |
| 228 | Increased CRF-like and NPY-like immunoreactivity in adult rats exposed to nicotine during adolescence: Relation to anxiety-like and depressive-like behavior. Neuropeptides, 2005, 39, 369-377.       | 2.2 | 58        |
| 229 | Behavioral effects of toluene in rats selectively bred for infantile vocalization rate. Neurotoxicology and Teratology, 2005, 27, 883-890.  | 2.4 | 8         |
| 230 | Anxiolytic-like effect of paeonol in mice. Pharmacology Biochemistry and Behavior, 2005, 81, 683-687.   | 2.9 | 65        |
| 231 | Can CRF1 receptor antagonists become antidepressant and/or anxiolytic agents?. Drug Development Research, 2005, 65, 191-204.  | 2.9 | 14        |
| 232 | Listening to mutant mice: a spotlight on the role of CRF/CRF receptor systems in affective disorders. Neuroscience and Biobehavioral Reviews, 2005, 29, 867-889.                                      | 6.1 | 62        |
| 233 | Ethological and temporal analyses of anxiety-like behavior: The elevated plus-maze model 20 years on. Neuroscience and Biobehavioral Reviews, 2005, 29, 1193-1205.                                    | 6.1 | 788       |
| 234 | Central nervous system activity of yangambin fromOcotea duckei Vattimo (Lauraceae) in mice. Phytotherapy Research, 2005, 19, 282-286.   | 5.8 | 26        |
| 235 | Hydroalcohol extract and fractions of Stachys lavandulifolia vahl: effects on spontaneous motor activity and elevated plus-maze behaviour. Phytotherapy Research, 2005, 19, 854-858.                  | 5.8 | 35        |
| 236 | Papel da luminosidade do biotério no comportamento do rato no labirinto em cruz elevado. Estudos<br>De Psicologia (Natal), 2005, 10, 239-245.   | 0.0 | 5         |
| 237 | Coriandrum sativum: evaluation of its anxiolytic effect in the elevated plus-maze. Journal of Ethnopharmacology, 2005, 96, 365-370.   | 4.1 | 173       |
| 238 | Cytokine mRNA levels in brain and peripheral tissues of the rat: relationships with plus-maze behavior. Molecular Brain Research, 2005, 137, 159-165.   | 2.3 | 32        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 239 | Behavioral effects of sinomenine in murine models of anxiety. Life Sciences, 2005, 78, 232-238.   | 4.3 | 24        |
| 240 | Detailed analysis of the behavior of Lister and Wistar rats in anxiety, object recognition and object location tasks. Behavioural Brain Research, 2005, 159, 247-266.                             | 2.2 | 175       |
| 241 | Effects of pre-training pedunculopontine tegmental nucleus lesions on delayed matching- and non-matching-to-position in a T-maze in rats. Behavioural Brain Research, 2005, 160, 115-124.         | 2.2 | 7         |
| 242 | Age-related qualitative shift in emotional behaviour: Paradoxical findings after re-exposure of rats in the elevated-plus maze. Behavioural Brain Research, 2005, 162, 135-142.                   | 2.2 | 36        |
| 243 | Prenatal stress produces more behavioral alterations than maternal separation in the elevated plus-maze and in the elevated T-maze. Behavioural Brain Research, 2005, 163, 70-77.                 | 2.2 | 104       |
| 244 | Age-dependent effects of gestational and lactational iron deficiency on anxiety behavior in rats. Behavioural Brain Research, 2005, 164, 214-221.   | 2.2 | 31        |
| 245 | Sex-specific modulation of anxiety and locomotion after neonatal exposure to pregnenolone sulfate. Physiology and Behavior, 2005, 83, 779-786.  | 2.1 | 12        |
| 246 | The role of nitric oxide in the emotional learning of rats in the plus-maze. Physiology and Behavior, 2005, 84, 351-358.  | 2.1 | 29        |
| 247 | Effect of different illumination levels on rat behavior in the elevated plus-maze. Physiology and Behavior, 2005, 85, 265-270.  | 2.1 | 103       |
| 248 | Anxiolytic-like effects of ginseng in the elevated plus-maze model: Comparison of red ginseng and sun ginseng. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 895-900. | 4.8 | 83        |
| 249 | Chronic repetitive transcranial magnetic stimulation is antidepressant but not anxiolytic in rat models of anxiety and depression. Psychiatry Research, 2005, 137, 113-121.                       | 3.3 | 21        |
| 250 | Effects of the cannabinoid CB1 receptor antagonist rimonabant in models of emotional reactivity in rodents. Biological Psychiatry, 2005, 57, 261-267.   | 1.3 | 238       |
| 251 | Animal Models of Anxiety., 2005,, 35-69.  |     | 61        |
| 252 | Animal Models of Autism. Contemporary Clinical Neuroscience, 2006, , 151-174.   | 0.3 | 7         |
| 253 | Effects of chronic treatment with fluvoxamine and paroxetine during adolescence on serotonin-related behavior in adult male rats. European Neuropsychopharmacology, 2006, 16, 39-48.              | 0.7 | 64        |
| 254 | Light/dark cycle manipulation influences mice behaviour in the elevated plus maze. Behavioural Brain Research, 2006, 166, 140-149.  | 2.2 | 31        |
| 255 | Rat ultrasonic vocalization in aversively motivated situations and the role of individual differences in anxiety-related behavior. Behavioural Brain Research, 2006, 166, 271-280.                | 2.2 | 154       |
| 256 | Effect of Y1 receptor deficiency on motor activity, exploration, and anxiety. Behavioural Brain Research, 2006, 167, 87-93.   | 2.2 | 83        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 257 | Anxiety-like behaviors in pre-pubertal rats of the Flinders Sensitive Line (FSL) and Wistar-Kyoto (WKY) animal models of depression. Behavioural Brain Research, 2006, 167, 261-269.  | 2.2 | 45        |
| 258 | The Concentric Square Field: A multivariate test arena for analysis of explorative strategies. Behavioural Brain Research, 2006, 168, 100-113.  | 2.2 | 84        |
| 259 | Single, intense prenatal stress decreases emotionality and enhances learning performance in the adolescent rat offspring: Interaction with a brief, daily maternal separation. Behavioural Brain Research, 2006, 169, 128-136.            | 2.2 | 73        |
| 260 | Models of anxiety: Responses of rats to novelty in an open space and an enclosed space. Behavioural Brain Research, 2006, 171, 26-49.   | 2.2 | 102       |
| 261 | Behavioural effects of chronic haloperidol and risperidone treatment in rats. Behavioural Brain Research, 2006, 171, 286-294.   | 2.2 | 57        |
| 262 | Retrosplenial cortex lesions impair acquisition of active avoidance while sparing fear-based emotional memory. Behavioural Brain Research, 2006, 173, 229-236.  | 2.2 | 41        |
| 263 | Mismatch between anxiety status and morphometric parameters in the amygdala and bed nucleus of the stria terminalis. Behavioural Brain Research, 2006, 173, 320-325.  | 2.2 | 10        |
| 264 | Models of anxiety: Responses of mice to novelty and open spaces in a 3D maze. Behavioural Brain Research, 2006, 174, 9-38.  | 2.2 | 45        |
| 265 | The anxiolytic-like effects of Aloysia polystachya (Griseb.) Moldenke (Verbenaceae) in mice. Journal of Ethnopharmacology, 2006, 105, 400-408.  | 4.1 | 60        |
| 266 | Neurosedative and muscle-relaxant activities of ethyl acetate extract of Baphia nitida AFZEL. Journal of Ethnopharmacology, 2006, 106, 312-316.   | 4.1 | 67        |
| 267 | Modulation of elevated plus maze behavior after chronic exposure to the anabolic steroid 17î±-methyltestosterone in adult mice. Hormones and Behavior, 2006, 49, 123-128.   | 2.1 | 23        |
| 268 | Increased anxiety-like behavior during the post-stress period in mice exposed to repeated restraint stress. Hormones and Behavior, 2006, 50, 489-495.   | 2.1 | 49        |
| 269 | Behavioral profiles and stress-induced corticosteroid secretion in male Wistar rats subjected to short and prolonged periods of maternal separation. Hormones and Behavior, 2006, 50, 736-747.  | 2.1 | 97        |
| 270 | Anxiety-like behavior induced by IL- $1\hat{l}^2$ is modulated by $\hat{l}_\pm$ -MSH through central melanocortin-4 receptors. Peptides, 2006, 27, 1451-1456.   | 2.4 | 33        |
| 271 | Estrus variation in anxiolytic-like effects of intra-lateral septal infusions of the neuropeptide Y in Wistar rats in two animal models of anxiety-like behavior. Peptides, 2006, 27, 2722-2730.  | 2.4 | 12        |
| 272 | Antidepressant-like and anxiolytic-like actions of the mGlu5 receptor antagonist MTEP, microinjected into lateral septal nuclei of male Wistar rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2006, 30, 1129-1135. | 4.8 | 36        |
| 273 | Use of the elevated plus-maze test with opaque or transparent walls in the detection of mouse strain differences and the anxiolytic effects of diazepam. Behavioural Pharmacology, 2006, 17, 31-41.                                       | 1.7 | 45        |
| 274 | Phenotypic characterization of genetically selected Sardinian alcohol-preferring (sP) and -non-preferring (sNP) rats. Addiction Biology, 2006, 11, 324-338.   | 2.6 | 159       |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 275 | Evidence for a female-specific effect of a chromosome 4 locus on anxiety-related behaviors and ethanol drinking in rats. Genes, Brain and Behavior, 2006, 5, 441-450.  | 2.2 | 50        |
| 276 | Anxiogenic and aversive effects of corticotropin-releasing factor (CRF) in the bed nucleus of the stria terminalis in the rat: role of CRF receptor subtypes. Psychopharmacology, 2006, 186, 122-132.                            | 3.1 | 168       |
| 277 | A hitchhiker's guide to behavioral analysis in laboratory rodents. Genes, Brain and Behavior, 2006, 5, 5-24.   | 2.2 | 234       |
| 278 | Aggression and anxiety in pregnant mice are modulated by offspring characteristics. Animal Behaviour, 2006, 72, 773-780.   | 1.9 | 4         |
| 279 | Animal models of behavioral dysfunctions: Basic concepts and classifications, and an evaluation strategy. Brain Research Reviews, 2006, 52, 131-159.   | 9.0 | 188       |
| 280 | Diphenyl diselenide changes behavior in female pups. Neurotoxicology and Teratology, 2006, 28, 607-616.  | 2.4 | 13        |
| 281 | Factor analysis of elevated plus-maze behavior in adolescent and adult rats. Pharmacology Biochemistry and Behavior, 2006, 83, 570-577.  | 2.9 | 66        |
| 282 | Adolescent rats are protected from the conditioned aversive properties of cocaine and lithium chloride. Pharmacology Biochemistry and Behavior, 2006, 84, 344-352.   | 2.9 | 67        |
| 283 | Artificial rearing alters the response of rats to natural and drug-mediated rewards. Developmental Psychobiology, 2006, 48, 301-314.   | 1.6 | 28        |
| 284 | Animal Models of Fear and Anxiety. , 2006, , 293-336.  |     | 4         |
| 285 | Behavioral and Cognitive Testing Procedures in Animal Models of Epilepsy., 2006,, 613-628.   |     | 18        |
| 286 | Modeling Human Anxiety and Depression in Mutant Mice. Contemporary Clinical Neuroscience, 2006, , 237-263.   | 0.3 | 8         |
| 287 | Transgenic and Knockout Models of Neuropsychiatric Disorders. Contemporary Clinical Neuroscience, 2006, , .  | 0.3 | 2         |
| 288 | Ablation of hippocampal neurogenesis impairs contextual fear conditioning and synaptic plasticity in the dentate gyrus. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17501-17506. | 7.1 | 915       |
| 289 | Stability of inbred mouse strain differences in behavior and brain size between laboratories and across decades. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16364-16369.        | 7.1 | 267       |
| 290 | Peripheral Inflammation Exacerbates Damage After Global Ischemia Independently of Temperature and Acute Brain Inflammation. Stroke, 2007, 38, 1570-1577.   | 2.0 | 55        |
| 291 | Endocrinological and Behavioural Effects of Chronic Fluxilan Administration in Rats. Journal of Medical Biochemistry, 2007, 26, 274-279.   | 1.7 | 1         |
| 292 | Behavioral Testing., 2007,, 513-534.   |     | 1         |

| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 293 | More haste, considerably less speed. Journal of Psychopharmacology, 2007, 21, 141-143.  | 4.0  | 15        |
| 294 | Reduced Anxiety, Conditioned Fear, and Hippocampal Long-Term Potentiation in Transient Receptor Potential Vanilloid Type 1 Receptor-Deficient Mice. Journal of Neuroscience, 2007, 27, 832-839.                             | 3.6  | 310       |
| 295 | Anti-anxiety Effect of Ovary Lipid Extracted from Skipjack Tuna (Katsuwonus pelamis) in Rats. Journal of Veterinary Medical Science, 2007, 69, 633-636.   | 0.9  | 2         |
| 296 | Experimental Neuropathy in Mice Is Associated with Delayed Behavioral Changes Related to Anxiety and Depression. Anesthesia and Analgesia, 2007, 104, 1570-1577.  | 2.2  | 116       |
| 297 | The anxiolytic-like effects of allopregnanolone vary as a function of intracerebral microinfusion site: the amygdala, medial prefrontal cortex, or hippocampus. Behavioural Pharmacology, 2007, 18, 461-470.                | 1.7  | 69        |
| 298 | Effects of adult-onset calorie restriction on anxiety-like behavior in rats. Physiology and Behavior, 2007, 92, 889-896.  | 2.1  | 70        |
| 299 | Lesions of the nucleus accumbens shell can reduce activity in the elevated plus-maze. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 906-914.  | 4.8  | 9         |
| 300 | Anxiolytic-like effect of 5-HT2 ligands and benzodiazepines co-administration: Comparison of two animal models of anxiety (the four-plate test and the elevated plus maze). Behavioural Brain Research, 2007, 177, 214-226. | 2.2  | 19        |
| 301 | Decreased sensitivity to thermal pain in rats bred for high anxiety-related behaviour is attenuated by citalopram or diazepam treatment. Behavioural Brain Research, 2007, 183, 18-24.                                      | 2.2  | 25        |
| 302 | The multivariate concentric square field test reveals different behavioural profiles in male AA and ANA rats with regard to risk taking and environmental reactivity. Behavioural Brain Research, 2007, 183, 195-205.       | 2.2  | 51        |
| 303 | GABAA and GABAB agonist microinjections into medial accumbens shell increase feeding and induce anxiolysis in an animal model of anxiety. Behavioural Brain Research, 2007, 184, 142-149.                                   | 2.2  | 34        |
| 304 | Genetic Deletion of Lsamp Causes Exaggerated Behavioral Activation in Novel Environments.<br>Behavioural Brain Research, 2007, 188, 380-90.   | 2.2  | 45        |
| 305 | Effects of under- and overcrowding on exploratory behavior in the elevated plus-maze. Behavioural Processes, 2007, 74, 357-362.   | 1.1  | 24        |
| 306 | Anxiolytic effects of Lavandula angustifolia odour on the Mongolian gerbil elevated plus maze.<br>Journal of Ethnopharmacology, 2007, 111, 517-525.   | 4.1  | 106       |
| 307 | Cellular Mechanisms Underlying the Anxiolytic Effect of Low Doses of Peripheral î"9-Tetrahydrocannabinol in Rats. Neuropsychopharmacology, 2007, 32, 2036-2045.   | 5.4  | 115       |
| 309 | The use of the elevated plus maze as an assay of anxiety-related behavior in rodents. Nature Protocols, 2007, 2, 322-328.   | 12.0 | 2,116     |
| 310 | Developmental Differences in Acute Ethanol Withdrawal in Adolescent and Adult Rats. Alcoholism: Clinical and Experimental Research, 2007, 31, 1516-1527.  | 2.4  | 43        |
| 311 | Topiramate Moderately Reduces the Motivation to Consume Alcohol and Has a Marked Antidepressant Effect in Rats. Alcoholism: Clinical and Experimental Research, 2007, 31, 1900-1907.  | 2.4  | 47        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 312 | Altered motor activity, exploration and anxiety in heterozygous neuregulin 1 mutant mice: implications for understanding schizophrenia. Genes, Brain and Behavior, 2007, 6, 677-687.  | 2.2 | 157       |
| 313 | The relationship between anxiety and sleep–wake behavior after stressor exposure in the rat. Brain Research, 2007, 1164, 72-80.   | 2.2 | 15        |
| 314 | 5-HT1A receptors are involved in the anxiolytic effect of î"9-tetrahydrocannabinol and AM 404, the anandamide transport inhibitor, in Sprague–Dawley rats. European Journal of Pharmacology, 2007, 555, 156-163.  | 3.5 | 100       |
| 315 | HPA activity and neotic and anxiety-like behavior vary among Peromyscus species. General and Comparative Endocrinology, 2007, 151, 342-350.   | 1.8 | 12        |
| 316 | Temperamental traits in mice (I): Factor structure. Personality and Individual Differences, 2007, 43, 255-265.  | 2.9 | 7         |
| 317 | Cognitive impairment associated to HPA axis hyperactivity after maternal separation in rats. Psychoneuroendocrinology, 2007, 32, 256-266.   | 2.7 | 445       |
| 318 | Adolescent fluoxetine exposure produces enduring, sex-specific alterations of visual discrimination and attention in rats. Neurotoxicology and Teratology, 2007, 29, 96-107.  | 2.4 | 24        |
| 319 | Heterozygous neuregulin 1 mice are more sensitive to the behavioural effects of î"9-tetrahydrocannabinol. Psychopharmacology, 2007, 192, 325-336.   | 3.1 | 161       |
| 320 | Elevated plus-maze performance of Fischer-344 rats as a function of age and of exposure to 56Fe particles. Advances in Space Research, 2007, 39, 981-986.   | 2.6 | 22        |
| 321 | The role of anxiety in the development of levodopa-induced dyskinesias in an animal model of Parkinson's disease, and the effect of chronic treatment with the selective serotonin reuptake inhibitor citalopram. Psychopharmacology, 2008, 197, 279-293. | 3.1 | 40        |
| 322 | Antagonism of AMPA receptors produces anxiolytic-like behavior in rodents: Effects of GYKI 52466 and its novel analogues. Psychopharmacology, 2008, 198, 231-241.   | 3.1 | 32        |
| 323 | An endocannabinoid signaling system modulates anxiety-like behavior in male Syrian hamsters.<br>Psychopharmacology, 2008, 200, 333-346.   | 3.1 | 52        |
| 324 | Endocrine and gene expression changes following forced swim stress exposure during cocaine abstinence in mice. Psychopharmacology, 2008, 201, 15-28.  | 3.1 | 42        |
| 325 | Exploratory behavior in mice selectively bred for developmental differences in aggressive behavior. Developmental Psychobiology, 2008, 50, 32-47.   | 1.6 | 5         |
| 326 | Marked for life? Effects of early cageâ€eleaning frequency, delivery batch, and identification tailâ€marking on rat anxiety profiles. Developmental Psychobiology, 2008, 50, 266-277.   | 1.6 | 36        |
| 327 | Three murine anxiety models: results from multiple inbred strain comparisons. Genes, Brain and Behavior, 2008, 7, 496-505.  | 2.2 | 106       |
| 328 | Increased fear―and stress―elated anxiety―ike behavior in mice lacking tuberoinfundibular peptide of 39 residues. Genes, Brain and Behavior, 2008, 7, 933-942.   | 2.2 | 38        |
| 329 | Evaluation of chalcones – a flavonoid subclass, for, their anxiolytic effects in rats using elevated plus maze and open field behaviour tests. Fundamental and Clinical Pharmacology, 2008, 22, 673-681.  | 1.9 | 31        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 330 | Dissociation of the morphological correlates of stress-induced anxiety and fear. European Journal of Neuroscience, 2008, 27, 1503-1516.   | 2.6 | 125       |
| 331 | A review of the behavioral and neurochemical consequences of early weaning in rodents. Applied Animal Behaviour Science, 2008, 110, 73-83.  | 1.9 | 14        |
| 332 | Intra-periaqueductal gray matter injections of midazolam fail to alter anxiety in plus-maze experienced mice. Brain Research, 2008, 1231, 93-102.   | 2.2 | 13        |
| 333 | Maternal profiling of corticotropin-releasing factor receptor 2 deficient mice in association with restraint stress. Brain Research, 2008, 1241, 110-121.   | 2.2 | 8         |
| 334 | Assessment of anxiety-like behaviors in female rats bred for differences in kindling susceptibility and amygdala excitability. Brain Research, 2008, 1240, 143-152.   | 2.2 | 6         |
| 335 | Correlation of cellular changes and spatial memory during aging in rats. Experimental Gerontology, 2008, 43, 929-938.   | 2.8 | 31        |
| 336 | Acute anxiolytic effects of cocaine: The role of test latency and activity phase. Pharmacology Biochemistry and Behavior, 2008, 89, 218-226.  | 2.9 | 22        |
| 337 | 5-HT1A receptors of the lateral septum regulate inhibitory avoidance but not escape behavior in rats. Pharmacology Biochemistry and Behavior, 2008, 89, 360-366.  | 2.9 | 18        |
| 338 | Isotretinoin (13-cis-retinoic acid) alters learning and memory, but not anxiety-like behavior, in the adult rat. Pharmacology Biochemistry and Behavior, 2008, 91, 243-251.   | 2.9 | 17        |
| 339 | Dissociation of the anxiolytic-like effects of Avpr1a and Avpr1b receptor antagonists in the dorsal and ventral hippocampus. Neuropeptides, 2008, 42, 411-421.  | 2.2 | 25        |
| 340 | Determining normal variability in a developmental neurotoxicity test A report from the ILSI Research Foundation/Risk Science Institute expert working group on neurodevelopmental endpoints. Neurotoxicology and Teratology, 2008, 30, 288-325. | 2.4 | 23        |
| 341 | The Aqueous Extracts of <i>Passiflora alata </i> Passiflora edulis Reduce Anxiety-Related Behaviors Without Affecting Memory Process in Rats. Journal of Medicinal Food, 2008, 11, 282-288.   | 1.5 | 67        |
| 342 | Chapter 2.5 Unconditioned models of fear and anxiety. Handbook of Behavioral Neuroscience, 2008, 17, 81-99.   | 0.7 | 11        |
| 343 | An Assessment of Anxiolytic Drug Screening Tests: Hormetic Dose Responses Predominate. Critical Reviews in Toxicology, 2008, 38, 489-542.   | 3.9 | 116       |
| 344 | Anxiogenic effect of chronic exposure to extremely low frequency magnetic field in adult rats. Neuroscience Letters, 2008, 434, 12-17.  | 2.1 | 37        |
| 345 | Involvement of median raphe nucleus 5-HT1A receptors in the regulation of generalized anxiety-related defensive behaviours in rats. Neuroscience Letters, 2008, 445, 204-208.   | 2.1 | 23        |
| 346 | Cognition-enhancing and anxiolytic effects of memantine. Neuropharmacology, 2008, 54, 1079-1085.  | 4.1 | 50        |
| 347 | A study in male and female 5-HT transporter knockout rats: An animal model for anxiety and depression disorders. Neuroscience, 2008, 152, 573-584.  | 2.3 | 206       |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 348 | Effects of maternal separation on hypothalamic–pituitary–adrenal responses, cognition and vulnerability to stress in adult female rats. Neuroscience, 2008, 154, 1218-1226.   | 2.3 | 164       |
| 349 | Estradiol and neuropeptide Y (intra-lateral septal) reduce anxiety-like behavior in two animal models of anxiety. Peptides, 2008, 29, 1396-1403.  | 2.4 | 20        |
| 350 | The effects of intra-cerebral drug infusions on animals' unconditioned fear reactions: A systematic review. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1399-1419.  | 4.8 | 52        |
| 351 | Neonatal exposure to endocrine active compounds or an $\mathrm{ER}^2$ agonist increases adult anxiety and aggression in gonadally intact male rats. Hormones and Behavior, 2008, 53, 580-588.   | 2.1 | 135       |
| 352 | Elevated anxiety and depressive-like behavior in a rat model of genetic generalized epilepsy suggesting common causation. Experimental Neurology, 2008, 209, 254-260.   | 4.1 | 171       |
| 353 | Perinatal exposure to 5-metoxytryptamine, behavioural-stress reactivity and functional response of 5-HT1A receptors in the adolescent rat. Behavioural Brain Research, 2008, 186, 98-106.   | 2.2 | 26        |
| 354 | Effects of d-cycloserine on the behavior and ERK activity in the amygdala: Role of individual anxiety levels. Behavioural Brain Research, 2008, 187, 246-253.   | 2.2 | 24        |
| 355 | Spatial memory alterations in three models of hepatic encephalopathy. Behavioural Brain Research, 2008, 188, 32-40.   | 2.2 | 50        |
| 356 | The microinjection of AMPA receptor antagonist into the accumbens shell, but not into the accumbens core, induces anxiolysis in an animal model of anxiety. Behavioural Brain Research, 2008, 188, 91-99.                                   | 2.2 | 27        |
| 357 | Anxiety-like behaviour in adult rats perinatally exposed to maternal calorie restriction. Behavioural Brain Research, 2008, 191, 164-172.   | 2.2 | 52        |
| 358 | Different housing conditions alter the behavioural phenotype of CCK2 receptor-deficient mice. Behavioural Brain Research, 2008, 193, 108-116.   | 2.2 | 27        |
| 359 | Anxiety-like behavior during nicotine withdrawal predict subsequent nicotine consumption in adolescent C57BL/6 mice. Behavioural Brain Research, 2008, 193, 216-224.  | 2.2 | 44        |
| 360 | 5 Untranslated Region (5 UTR)., 2008,, 1-1.   |     | 0         |
| 361 | Combined Exposure to Nicotine and Ethanol in Adolescent Mice Differentially Affects Anxiety Levels during Exposure, Short-Term, and Long-Term Withdrawal. Neuropsychopharmacology, 2008, 33, 599-610.                                       | 5.4 | 51        |
| 362 | Persistent alterations in heart rate variability, baroreflex sensitivity, and anxiety-like behaviors during development of heart failure in the rat. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H29-H38. | 3.2 | 34        |
| 363 | Evaluation of the Anxiolytic Effect of Nepeta persica Boiss. in Mice. Evidence-based Complementary and Alternative Medicine, 2008, 5, 181-186.  | 1.2 | 40        |
| 364 | Effect of Buspirone on the Behavioral Regulation of Rats in Low versus High Anxiety Conditions. Arzneimittelforschung, 2008, 58, 269-276.   | 0.4 | 24        |
| 365 | Anxiety-Related Behaviors in Mice. Frontiers in Neuroscience, 2008, , 77-101.   | 0.0 | 76        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 366 | Elevated Plus Maze for Mice. Journal of Visualized Experiments, 2008, , .   | 0.3 | 289       |
| 367 | Thigmotactic responses in an open-field. Brazilian Journal of Medical and Biological Research, 2008, 41, 135-140.   | 1.5 | 100       |
| 368 | Prenatal Restraint Stress Generates Two Distinct Behavioral and Neurochemical Profiles in Male and Female Rats. PLoS ONE, 2008, 3, e2170.   | 2.5 | 296       |
| 369 | Évaluation de l'activité anxiolytique de la 4-phenyl-1,5-benzodiazepin-2-one. International Journal of<br>Biological and Chemical Sciences, 2009, 3, .  | 0.2 | 1         |
| 370 | CRF1-R Activation of the Dynorphin/Kappa Opioid System in the Mouse Basolateral Amygdala Mediates Anxiety-Like Behavior. PLoS ONE, 2009, 4, e8528.  | 2.5 | 165       |
| 371 | Living in a dangerous world: the shaping of behavioral profile by early environment and 5-HTT genotype. Frontiers in Behavioral Neuroscience, 2009, 3, 26.  | 2.0 | 63        |
| 372 | Long-term Cognitive Impairments in Adult Rats Treated Neonatally with $\hat{l}^2$ -N-Methylamino-L-Alanine. Toxicological Sciences, 2009, 112, 185-195.   | 3.1 | 81        |
| 373 | Selective Brain Uptake and Behavioral Effects of the Cyanobacterial Toxin BMAA (β-N-Methylamino-L-alanine) following Neonatal Administration to Rodents. Toxicological Sciences, 2009, 109, 286-295.  | 3.1 | 83        |
| 374 | Effects of pretest manipulation on elevated plus-maze behavior in adolescent and adult male and female Sprague–Dawley rats. Pharmacology Biochemistry and Behavior, 2009, 92, 413-423.  | 2.9 | 43        |
| 375 | Similar anxiolytic-like effects following intra-amygdala infusions of benzodiazepine receptor agonist and antagonist: Evidence for the release of an endogenous benzodiazepine inverse agonist in mice exposed to elevated plus-maze test. Brain Research, 2009, 1267, 65-76. | 2.2 | 33        |
| 376 | Role of Central Calcitonin Gene-Related Peptide (CGRP) in Locomotor and Anxiety- and Depression-Like Behaviors in Two Mouse Strains Exhibiting a CGRP-Dependent Difference in Thermal Pain Sensitivity. Journal of Molecular Neuroscience, 2009, 39, 125-136.                 | 2.3 | 28        |
| 377 | Sedative and anticonvulsant effects of an alcoholic extract of Capparis decidua. Journal of Natural Medicines, 2009, 63, 375-379.   | 2.3 | 39        |
| 378 | Free versus forced exposure to an elevated plus-maze: evidence for new behavioral interpretations during test and retest. Psychopharmacology, 2009, 203, 131-141.   | 3.1 | 42        |
| 379 | Anxiolytic and antidepressant actions of somatostatin: the role of sst2 and sst3 receptors. Psychopharmacology, 2009, 206, 281-289.   | 3.1 | 67        |
| 380 | Selective effects of benzodiazepines on the acquisition of conditioned taste aversion compared to attenuation of neophobia in C57BL/6 mice. Psychopharmacology, 2009, 206, 389-401.   | 3.1 | 4         |
| 381 | Potential anxiolytic―and antidepressantâ€like effects of salvinorin A, the main active ingredient of <i>Salvia divinorum</i> , in rodents. British Journal of Pharmacology, 2009, 157, 844-853.   | 5.4 | 113       |
| 382 | Characterization of rat behavior in the elevated plus-maze using a directed graph. Journal of Neuroscience Methods, 2009, 184, 251-255.   | 2.5 | 10        |
| 383 | Animal Models of Anxiety and Anxiolytic Drug Action. Current Topics in Behavioral Neurosciences, 2009, 2, 121-160.  | 1.7 | 45        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 384 | Behavioural phenotyping reveals anxiety-like features of SV2A deficient mice. Behavioural Brain Research, 2009, 198, 329-333.  | 2.2 | 11        |
| 385 | Decreased anxiety-like behavior and locomotor/exploratory activity, and modulation in hypothalamus, hippocampus, and frontal cortex redox profile in sexually receptive female rats after short-term exposure to male chemical cues. Behavioural Brain Research, 2009, 199, 263-270. | 2.2 | 9         |
| 386 | The effects of calorie restriction olfactory cues on conspecific anxiety-like behaviour. Behavioural Brain Research, 2009, 201, 305-310.   | 2.2 | 6         |
| 387 | Effects of morphine on rat behaviour in the elevated plus maze: The role of central amygdala dopamine receptors. Behavioural Brain Research, 2009, 202, 171-178.   | 2.2 | 56        |
| 388 | Depression-like and anxiety-like behavioural aftermaths of impact accelerated traumatic brain injury in rats: A model of comorbid depression and anxiety?. Behavioural Brain Research, 2009, 205, 436-442.   | 2.2 | 87        |
| 389 | The anterior cingulate cortex is a target structure for the anxiolytic-like effects of benzodiazepines assessed by repeated exposure to the elevated plus maze and Fos immunoreactivity. Neuroscience, 2009, 164, 387-397.   | 2.3 | 30        |
| 390 | Mouse plasmacytoma-expressed transcript 1 knock out induced 5-HT disruption results in a lack of cognitive deficits and an anxiety phenotype complicated by hypoactivity and defensiveness. Neuroscience, 2009, 164, 1431-1443.  | 2.3 | 51        |
| 391 | Effects of repeated electroconvulsive shock seizures and pilocarpine-induced status epilepticus on emotional behavior in the rat. Epilepsy and Behavior, 2009, 14, 293-299.  | 1.7 | 32        |
| 392 | Cortical kindling induces elevated levels of AMPA and GABA receptor subunit mRNA within the amygdala/piriform region and is associated with behavioral changes in the rat. Epilepsy and Behavior, 2009, 16, 404-410.   | 1.7 | 5         |
| 393 | Neonatal hyperleptinaemia programmes anxiety-like and novelty seeking behaviours but not memory/learning in adult rats. Hormones and Behavior, 2009, 55, 272-279.  | 2.1 | 27        |
| 394 | Interleukin-1 receptor null mutant mice show decreased anxiety-like behavior and enhanced fear memory. Neuroscience Letters, 2009, 456, 39-43.   | 2.1 | 109       |
| 395 | Acute high dose of chlorpyrifos alters performance of rats in the elevated plus-maze and the elevated T-maze. NeuroToxicology, 2009, 30, 1025-1029.  | 3.0 | 15        |
| 396 | Some Guidelines for Defining Personality Differences in Rats., 2009,, 281-300.   |     | 16        |
| 397 | Emotional reactivity and cognitive performance in aversively motivated tasks: a comparison between four rat strains. Behavioral and Brain Functions, 2009, 5, 50.  | 3.3 | 52        |
| 398 | Bilirubin., 2008,, 382-382.  |     | 0         |
| 399 | Brain Evolution. , 2008, , 462-472.  |     | 0         |
| 400 | Brainstem. , 2008, , 492-493.  |     | 0         |
| 401 | Mood and Anxiety Related Phenotypes in Mice. Neuromethods, 2009, , .   | 0.3 | 126       |

| #   | Article  | IF  | Citations |
|-----|--|-----|-----------|
| 402 | Binocular Rivalry. , 2008, , 391-394.  |     | 0         |
| 403 | Impact of rat P450 genetic polymorphism on diazepam metabolism. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 1421-1433.  | 3.3 | 14        |
| 404 | Anxiolytic-like effects of the neurokinin 1 receptor antagonist GR-205171 in the elevated plus maze and contextual fear-potentiated startle model of anxiety in gerbils. Behavioural Pharmacology, 2009, 20, 584-595.  | 1.7 | 17        |
| 405 | Interactions between the anxiogenic effects of CB1 gene disruption and 5-HT3 neurotransmission.<br>Behavioural Pharmacology, 2009, 20, 265-272.  | 1.7 | 36        |
| 406 | A potential gastrointestinal link between enhanced postnatal maternal care and reduced anxiety-like behavior in adolescent rats Behavioral Neuroscience, 2009, 123, 1178-1184.   | 1.2 | 13        |
| 407 | Construct validity of behavioral models of anxiety: Where experimental psychopathology meets ecology and evolution Psychology and Neuroscience, 2010, 3, 117-123.  | 0.8 | 12        |
| 409 | Confirmation of the anxiolytic-like effect of dihydrohonokiol following behavioural and biochemical assessments. Journal of Pharmacy and Pharmacology, 2010, 53, 721-725.  | 2.4 | 10        |
| 410 | Age influences the effects of nicotine and monoamine oxidase inhibition on mood-related behaviors in rats. Psychopharmacology, 2010, 208, 593-601.   | 3.1 | 27        |
| 411 | A follow-up study: acute behavioural effects of $\hat{l}$ 9-THC in female heterozygous Neuregulin 1 transmembrane domain mutant mice. Psychopharmacology, 2010, 211, 277-289.  | 3.1 | 62        |
| 412 | Orexins in the paraventricular nucleus of the thalamus mediate anxiety-like responses in rats. Psychopharmacology, 2010, 212, 251-265.   | 3.1 | 153       |
| 413 | Increased expression of $\hat{l}^2$ amyloid precursor gene in the hippocampus of streptozotocin-induced diabetic mice with memory deficit and anxiety induction. Journal of Neural Transmission, 2010, 117, 1411-1418. | 2.8 | 14        |
| 414 | Behavioral profile of mice with impaired cognition in the elevated plus-maze due to a deficiency in neural cell adhesion molecule. Pharmacology Biochemistry and Behavior, 2010, 96, 461-468.                          | 2.9 | 19        |
| 415 | Inter-individual differences in neurobiology as vulnerability factors for affective disorders: Implications for psychopharmacology., 2010, 125, 402-422.   |     | 47        |
| 416 | Impaired neurogenesis, learning and memory and low seizure threshold associated with loss of neural precursor cell survivin. BMC Neuroscience, 2010, 11, 2.  | 1.9 | 20        |
| 417 | Lithium ameliorates altered glycogen synthase kinase-3 and behavior in a mouse model of Fragile X syndrome. Biochemical Pharmacology, 2010, 79, 632-646.   | 4.4 | 163       |
| 418 | Selection for intrinsic endurance modifies endocrine stress responsiveness. Brain Research, 2010, 1357, 53-61.   | 2.2 | 11        |
| 419 | The ontogeny of anxietyâ€like behavior in rats from adolescence to adulthood. Developmental Psychobiology, 2010, 52, 731-739.  | 1.6 | 63        |
| 420 | Characterization of the rat exploratory behavior in the elevated plus-maze with Markov chains. Journal of Neuroscience Methods, 2010, 193, 288-295.  | 2.5 | 15        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 422 | The serotonin transporter knock-out rat: a review. , 2010, , 170-213.   |     | 6         |
| 423 | Amygdala-Specific Reduction of Â1-GABAA Receptors Disrupts the Anticonvulsant, Locomotor, and Sedative, But Not Anxiolytic, Effects of Benzodiazepines in Mice. Journal of Neuroscience, 2010, 30, 7139-7151.   | 3.6 | 34        |
| 424 | Genetic Deletion of Fatty Acid Amide Hydrolase Alters Emotional Behavior and Serotonergic Transmission in the Dorsal Raphe, Prefrontal Cortex, and Hippocampus. Neuropsychopharmacology, 2010, 35, 2083-2100.   | 5.4 | 113       |
| 425 | Effects of Î"9-tetrahydrocannabinol on reward and anxiety in rats exposed to chronic unpredictable stress. Journal of Psychopharmacology, 2010, 24, 767-777.  | 4.0 | 50        |
| 426 | Anxiolytic Effect of Flowers of Salix aegyptiaca L. in Mouse Model of Anxiety. Journal of Complementary and Integrative Medicine, 2010, 7, .  | 0.9 | 7         |
| 427 | Antianxiety activity of <i>Gelsemium sempervirens </i> . Pharmaceutical Biology, 2010, 48, 1091-1096.   | 2.9 | 47        |
| 428 | Neuropharmacological activity of hydroalcoholic extract of leaves of <i>Colocasia esculenta </i> Pharmaceutical Biology, 2010, 48, 1207-1212.   | 2.9 | 26        |
| 429 | Evaluation of antianxiety and sedative effects of essential oil of Ducrosia anethifolia in mice. Clinics, 2010, 65, 1037-1042.  | 1.5 | 41        |
| 430 | Prenatal Interaction of Mutant DISC1 and Immune Activation Produces Adult Psychopathology. Biological Psychiatry, 2010, 68, 1172-1181.  | 1.3 | 243       |
| 431 | Over-expression of δC-DCLK-short in mouse brain results in a more anxious behavioral phenotype. Physiology and Behavior, 2010, 101, 541-548.  | 2.1 | 8         |
| 432 | How Many Ways Can Mouse Behavioral Experiments Go Wrong? Confounding Variables in Mouse Models of Neurodegenerative Diseases and How to Control Them. Advances in the Study of Behavior, 2010, , 255-366.   | 1.6 | 60        |
| 433 | Anxiolytic and sedative-hypnotic activities of polygalasaponins from <i>Polygala tenuifolia </i> Ii>in mice. Pharmaceutical Biology, 2010, 48, 801-807.   | 2.9 | 60        |
| 434 | 2-Phenylethylamine, a constituent of chocolate and wine, causes mitochondrial complex-I inhibition, generation of hydroxyl radicals and depletion of striatal biogenic amines leading to psycho-motor dysfunctions in Balb/c mice. Neurochemistry International, 2010, 57, 637-646. | 3.8 | 28        |
| 435 | Anxiety-like effects of SR141716-precipitated delta9-tetrahydrocannabinol withdrawal in mice in the elevated plus-maze. Neuroscience Letters, 2010, 475, 165-168.   | 2.1 | 18        |
| 436 | Behavioral evaluation of transgenic mice with CNS expression of IFN- $\hat{l}_{\pm}$ by elevated plus-maze and Porsolt swim test. Neuroscience Letters, 2010, 479, 287-291.   | 2.1 | 1         |
| 437 | Anticonvulsant, anxiolytic and sedative activities of the aqueous root extract of Securidaca longepedunculata Fresen Journal of Ethnopharmacology, 2010, 130, 191-195.  | 4.1 | 62        |
| 438 | A combined study of behavior and Fos expression in limbic structures after re-testing Wistar rats in the elevated plus-maze. Brain Research Bulletin, 2010, 81, 595-599.  | 3.0 | 24        |
| 439 | Enriched environment and the recovery from inflammatory pain: Social versus physical aspects and their interaction. Behavioural Brain Research, 2010, 208, 90-95.   | 2.2 | 51        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 440 | Lateralized and sex-dependent behavioral and morphological effects of unilateral neonatal cerebral hypoxia-ischemia in the rat. Behavioural Brain Research, 2010, 210, 92-98.  | 2.2 | 85        |
| 441 | Effects of eszopiclone and zolpidem on sleep–wake behavior, anxiety-like behavior and contextual memory in rats. Behavioural Brain Research, 2010, 210, 54-66.   | 2.2 | 26        |
| 442 | Acute and repeated stress differentially regulates behavioral, endocrine, neural parameters relevant to emotional and stress response in young and aged rats. Behavioural Brain Research, 2010, 211, 169-177.                          | 2.2 | 60        |
| 443 | Exercise effects on motor and affective behavior and catecholamine neurochemistry in the MPTP-lesioned mouse. Behavioural Brain Research, 2010, 213, 253-262.  | 2.2 | 101       |
| 444 | Social isolation and chronic handling alter endocannabinoid signaling and behavioral reactivity to context in adult rats. Neuroscience, 2010, 168, 371-386.  | 2.3 | 71        |
| 445 | Potential anxiogenic effects of cannabinoid CB1 receptor antagonists/inverse agonists in rats: Comparisons between AM4113, AM251, and the benzodiazepine inverse agonist FG-7142. European Neuropsychopharmacology, 2010, 20, 112-122. | 0.7 | 69        |
| 446 | A behavioural comparison of acute and chronic $\hat{l}$ 9-tetrahydrocannabinol and cannabidiol in C57BL/6JArc mice. International Journal of Neuropsychopharmacology, 2010, 13, 861-876.   | 2.1 | 167       |
| 447 | The effects of repeated restraint stress on energy balance and behavior of mice with selective deletion of CRF receptors. Stress, 2010, 13, 203-213.   | 1.8 | 21        |
| 448 | Synthesis, Characterization, and Biological Evaluation of Benzimidazole Derivatives as Potential Anxiolytics. Journal of Young Pharmacists, 2010, 2, 273-279.  | 0.2 | 25        |
| 449 | Use of Evolutionary Robots as an Auxiliary Tool for Developing Behavioral Models of Rats in an Elevated Plus-Maze., 2010,,.  |     | 5         |
| 450 | Evaluation of ethanol leaf extract of <i>Ocimum sanctum</i> in experimental models of anxiety and depression. Pharmaceutical Biology, 2011, 49, 477-483.   | 2.9 | 32        |
| 451 | Coexisting mechanical hypersensitivity and anxiety in a rat model of spinal cord injury and the effect of pregabalin, morphine, and midazolam treatment. Scandinavian Journal of Pain, 2011, 2, 139-145.                               | 1.3 | 9         |
| 452 | <i>In Vitro</i> Digestibility of α-Casozepine, a Benzodiazepine-like Peptide from Bovine Casein, and Biological Activity of Its Main Proteolytic Fragment. Journal of Agricultural and Food Chemistry, 2011, 59, 4464-4472.            | 5.2 | 28        |
| 453 | Cognitive repercussions of hereditary cerebellar disorders. Cortex, 2011, 47, 81-100.  | 2.4 | 29        |
| 454 | Individual differences in the elevated plus-maze and the forced swim test. Behavioural Processes, 2011, 86, 46-51.   | 1.1 | 30        |
| 455 | The effects of pentylenetetrazol, chlordiazepoxide and caffeine in rats tested in the elevated plus-maze depend on the experimental illumination. Behavioural Brain Research, 2011, 217, 171-177.                                      | 2.2 | 32        |
| 456 | Gene–environment interaction influences anxiety-like behavior in ethologically based mouse models.<br>Behavioural Brain Research, 2011, 218, 99-105.   | 2.2 | 44        |
| 457 | Sex differences and phase of light cycle modify chronic stress effects on anxiety and depressive-like behavior. Behavioural Brain Research, 2011, 222, 212-222.  | 2.2 | 100       |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 458 | The impact of environmental enrichment in laboratory ratsâ€"Behavioural and neurochemical aspects. Behavioural Brain Research, 2011, 222, 246-264.   | 2.2 | 357       |
| 459 | A single mild fluid percussion injury induces short-term behavioral and neuropathological changes in the Long–Evans rat: Support for an animal model of concussion. Behavioural Brain Research, 2011, 224, 326-335.            | 2.2 | 88        |
| 460 | Predatory threat induces huddling in adolescent rats and residual changes in early adulthood suggestive of increased resilience. Behavioural Brain Research, 2011, 225, 405-414.   | 2.2 | 47        |
| 461 | Living in a dangerous world decreases maternal care: A study in serotonin transporter knockout mice. Hormones and Behavior, 2011, 60, 397-407.   | 2.1 | 31        |
| 462 | Single Units in the Medial Prefrontal Cortex with Anxiety-Related Firing Patterns Are Preferentially Influenced by Ventral Hippocampal Activity. Neuron, 2011, 71, 898-910.  | 8.1 | 227       |
| 463 | GPR26-deficient mice display increased anxiety- and depression-like behaviors accompanied by reduced phosphorylated cyclic AMP responsive element-binding protein level in central amygdala. Neuroscience, 2011, 196, 203-214. | 2.3 | 49        |
| 464 | D-cycloserine enhances memory consolidation in the plus-maze retest paradigm Behavioral Neuroscience, 2011, 125, 106-116.  | 1.2 | 15        |
| 465 | Pharmacological enhancement of fear reduction: preclinical models. British Journal of Pharmacology, 2011, 164, 1230-1247.  | 5.4 | 47        |
| 466 | The age of anxiety: role of animal models of anxiolytic action in drug discovery. British Journal of Pharmacology, 2011, 164, 1129-1161.   | 5.4 | 220       |
| 467 | A high-fat diet exacerbates depressive-like behavior in the Flinders Sensitive Line (FSL) rat, a genetic model of depression. Psychoneuroendocrinology, 2011, 36, 623-633.   | 2.7 | 77        |
| 468 | Comparison of the elevated plus and elevated zero mazes in treated and untreated male Sprague–Dawley rats: Effects of anxiolytic and anxiogenic agents. Pharmacology Biochemistry and Behavior, 2011, 97, 406-415.             | 2.9 | 146       |
| 469 | Zolpidem-induced changes in activity, metabolism, and anxiety in rats. Pharmacology Biochemistry and Behavior, 2011, 98, 81-86.  | 2.9 | 12        |
| 470 | Anxiety-like behaviors and expression of SERT and TPH in the dorsal raph $\tilde{A}$ of estrogen- and fluoxetine-treated ovariectomized rats. Pharmacology Biochemistry and Behavior, 2011, 98, 503-510.                       | 2.9 | 37        |
| 471 | Chronic cocaine self-administration attenuates the anxiogenic-like and stress potentiating effects of the benzodiazepine inverse agonist, FG 7142. Pharmacology Biochemistry and Behavior, 2011, 99, 408-413.                  | 2.9 | 6         |
| 472 | Use of the light–dark box to compare the anxiety-related behavior of virgin and postpartum female rats. Pharmacology Biochemistry and Behavior, 2011, 100, 130-137.  | 2.9 | 59        |
| 473 | Marked strain and substrain differences in induction of status epilepticus and subsequent development of neurodegeneration, epilepsy, and behavioral alterations in rats. Epilepsy Research, 2011, 96, 207-224.                | 1.6 | 52        |
| 474 | Modulation of Sphingosine 1-Phosphate and Tyrosine Hydroxylase in the Stress-Induced Anxiety. Neurochemical Research, 2011, 36, 258-267.   | 3.3 | 22        |
| 475 | Increased Levels of Anxiety-related Behaviors in a Tsc2 Dominant Negative Transgenic Mouse Model of Tuberous Sclerosis. Behavior Genetics, 2011, 41, 357-363.  | 2.1 | 45        |

| #   | Article  | IF                | CITATIONS          |
|-----|--|-------------------|--------------------|
| 476 | Cellular correlates of anxiety in CA1 hippocampal pyramidal cells of 5-HT1A receptor knockout mice. Psychopharmacology, 2011, 213, 453-463.  | 3.1               | 15                 |
| 477 | The intriguing effects of ecstasy (MDMA) on cognitive function in mice subjected to a minimal traumatic brain injury (mTBI). Psychopharmacology, 2011, 214, 877-889.   | 3.1               | 36                 |
| 478 | Anxiolytic-like effects of somatostatin isoforms SST 14 and SST 28 in two animal models (Rattus) Tj ETQq0 0 0 rg 557-567.  | gBT /Overl<br>3.1 | ock 10 Tf 50<br>28 |
| 479 | Prenatal exposure to lps leads to longâ€lasting physiological consequences in male offspring. Developmental Psychobiology, 2011, 53, 828-838.  | 1.6               | 25                 |
| 480 | Female Wistar rats obtained from different breeders vary in anxiety-like behavior and epileptogenesis. Epilepsy Research, 2011, 94, 26-38.   | 1.6               | 25                 |
| 481 | Calcitonin Gene-Related Peptide in the Bed Nucleus of the Stria Terminalis Produces an Anxiety-Like Pattern of Behavior and Increases Neural Activation in Anxiety-Related Structures. Journal of Neuroscience, 2011, 31, 1802-1810.                     | 3.6               | 81                 |
| 482 | The MRL/lpr Mouse Strain as a Model for Neuropsychiatric Systemic Lupus Erythematosus. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-15.   | 3.0               | 77                 |
| 483 | Effect of magnesium chloride on psychomotor activity, emotional status, and acute behavioural responses to clonidine, <scp>d</scp> -amphetamine, arecoline, nicotine, apomorphine, and L-5-hydroxytryptophan. Nutritional Neuroscience, 2011, 14, 10-24. | 3.1               | 24                 |
| 484 | Stress conditioning in mice: Alterations in immunity and tumor growth. Stress, 2011, 14, 301-311.  | 1.8               | 5                  |
| 485 | Behavioral, Pharmacological, and Immunological Abnormalities after Streptococcal Exposure: A<br>Novel Rat Model of Sydenham Chorea and Related Neuropsychiatric Disorders.<br>Neuropsychopharmacology, 2012, 37, 2076-2087.                              | 5.4               | 164                |
| 486 | Phenanthrenes from <i>Juncus effusus </i> with anxiolytic and sedative activities. Natural Product Research, 2012, 26, 1234-1239.  | 1.8               | 46                 |
| 487 | In vivo knockdown of GAD67 in the amygdala disrupts fear extinction and the anxiolytic-like effect of diazepam in mice. Translational Psychiatry, 2012, 2, e181-e181.  | 4.8               | 59                 |
| 488 | Stress-Induced Activation of the Dynorphin/κ-Opioid Receptor System in the Amygdala Potentiates Nicotine Conditioned Place Preference. Journal of Neuroscience, 2012, 32, 1488-1495.   | 3.6               | 87                 |
| 489 | Graded loss of tuberin in an allelic series of brain models of TSC correlates with survival, and biochemical, histological and behavioral features. Human Molecular Genetics, 2012, 21, 4286-4300.   | 2.9               | 43                 |
| 490 | Hesperidin Ameliorates Immobilization-Stress-Induced Behavioral and Biochemical Alterations and Mitochondrial Dysfunction in Mice by Modulating Nitrergic Pathway. ISRN Pharmacology, 2012, 2012, 1-8.   | 1.6               | 31                 |
| 491 | Effects of Coriandrum sativum extract on exploratory behaviour pattern and locomotor activity in mice: An experimental study. International Journal of Green Pharmacy, 2012, 6, 157.   | 0.1               | 1                  |
| 492 | Anti-anxiety Activity of Methanolic Extracts of Different Parts of Angelica archangelica Linn Journal of Traditional and Complementary Medicine, 2012, 2, 235-241.   | 2.7               | 18                 |
| 493 | Anxiolytic-like effect of losartan injected into amygdala of the acutely stressed rats. Pharmacological Reports, 2012, 64, 54-63.  | 3.3               | 38                 |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 494 | Reports of the death of CB1 antagonists have been greatly exaggerated. Behavioural Pharmacology, 2012, 23, 537-550.  | 1.7 | 23        |
| 495 | A critical test of the hippocampal theta model of anxiolytic drug action. Neuropharmacology, 2012, 62, 155-160.  | 4.1 | 36        |
| 496 | Investigating anxiety and depressive-like phenotypes in genetic mouse models of serotonin depletion. Neuropharmacology, 2012, 62, 144-154.   | 4.1 | 81        |
| 497 | L-DOPA-induced dysregulation of extrastriatal dopamine and serotonin and affective symptoms in a bilateral rat model of Parkinson's disease. Neuroscience, 2012, 218, 243-256.                         | 2.3 | 56        |
| 498 | Treadmill running frequency on anxiety and hippocampal adenosine receptors density in adult and middle-aged rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 36, 198-204.   | 4.8 | 21        |
| 499 | Juvenile social subjugation induces a sex-specific pattern of anxiety and depression-like behaviors in adult rats. Hormones and Behavior, 2012, 61, 91-99.   | 2.1 | 39        |
| 500 | Central depressant activity of butanol fraction of Securinega virosa root bark in mice. Journal of Ethnopharmacology, 2012, 141, 128-133.  | 4.1 | 17        |
| 501 | Central pharmacological activity of a new piperazine derivative:<br>4-(1-Phenyl-1h-pyrazol-4-ylmethyl)-piperazine-1-carboxylic acid ethyl ester. Life Sciences, 2012, 90, 910-916.                     | 4.3 | 16        |
| 502 | Sub-concussive brain injury in the Long-Evans rat induces acute neuroinflammation in the absence of behavioral impairments. Behavioural Brain Research, 2012, 229, 145-152.                            | 2.2 | 97        |
| 503 | Isolation-induced behavioural changes in a genetic animal model of depression. Behavioural Brain<br>Research, 2012, 230, 85-91.  | 2.2 | 24        |
| 504 | The effects of calorie restriction on operant-responding for alcohol in the alcohol preferring (iP) rat. Behavioural Brain Research, 2012, 230, 281-287.   | 2.2 | 6         |
| 505 | Effects of the protein synthesis inhibitor cycloheximide on anxiety-like extinction behavior in an animal model of post-traumatic stress. Behavioural Brain Research, 2012, 231, 208-212.              | 2.2 | 6         |
| 506 | Fear-like behavioral responses in mice in different odorant environments: Trigeminal versus olfactory mediation under low doses. Behavioural Processes, 2012, 90, 161-166.                             | 1.1 | 36        |
| 507 | Evaluation of anxiolytic activity of compound Valeriana jatamansi Jones in mice. BMC Complementary and Alternative Medicine, 2012, 12, 223.  | 3.7 | 31        |
| 508 | A Practical Guide to Evaluating Anxiety-Related Behavior in Rodents. Methods in Pharmacology and Toxicology, 2012, , 167-185.  | 0.2 | 4         |
| 509 | $3\hat{l}\pm5\hat{l}^2$ -Pregnanolone glutamate, a use-dependent NMDA antagonist, reversed spatial learning deficit in an animal model of schizophrenia. Behavioural Brain Research, 2012, 235, 82-88. | 2.2 | 14        |
| 510 | The nuclear factor erythroid 2-like 2 activator, tert-butylhydroquinone, improves cognitive performance in mice after mild traumatic brain injury. Neuroscience, 2012, 223, 305-314.                   | 2.3 | 62        |
| 511 | Tolerance liability of diazepam is dependent on the dose used for protracted treatment. Pharmacological Reports, 2012, 64, 1116-1125.  | 3.3 | 9         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 512 | Repeated Mild Lateral Fluid Percussion Brain Injury in the Rat Causes Cumulative Long-Term Behavioral Impairments, Neuroinflammation, and Cortical Loss in an Animal Model of Repeated Concussion. Journal of Neurotrauma, 2012, 29, 281-294. | 3.4 | 155       |
| 513 | Anti-Alcohol and Anxiolytic Properties of a New Chemical Entity, GET73. Frontiers in Psychiatry, 2012, 3, 8.  | 2.6 | 25        |
| 514 | Evaluation of central nervous system depressant activity of Cleome rutidosperma. Alternative Medicine Studies, 2012, 2, 8.  | 0.2 | 0         |
| 515 | Anxiolytic-like and sedative effects of Kyllinga brevifolia in mice. Revista Brasileira De Farmacognosia, 2012, 22, 1323-1329.  | 1.4 | 6         |
| 516 | Chemical composition and anxiolytic-like effects of the Bauhinia platypetala. Revista Brasileira De Farmacognosia, 2012, 22, 507-516.   | 1.4 | 8         |
| 517 | The Neurobiology of Preferences. , 2012, , 3-31.  |     | 6         |
| 518 | The Elevated Plus-Maze Test: Differential Psychopharmacology of Anxiety-Related Behavior. Emotion Review, 2012, 4, 98-115.  | 3.4 | 39        |
| 519 | The pharmacological importance of agmatine in the brain. Neuroscience and Biobehavioral Reviews, 2012, 36, 502-519.   | 6.1 | 96        |
| 520 | The anxiolytic effects of somatostatin following intra-septal and intra-amygdalar microinfusions are reversed by the selective sst2 antagonist PRL2903. Pharmacology Biochemistry and Behavior, 2012, 101, 88-92.                             | 2.9 | 34        |
| 521 | Comparative Analysis of the Behavioral and Biomolecular Parameters of Four Mouse Strains. Journal of Molecular Neuroscience, 2012, 46, 276-284.   | 2.3 | 22        |
| 522 | Anti-anxiety activity of Stachys tibetica Vatke. Chinese Journal of Natural Medicines, 2013, 11, 240-244.   | 1.3 | 7         |
| 523 | Central depressant activity of ethanol extract of Nymphaea alba rhizome in mice. Oriental Pharmacy and Experimental Medicine, 2013, 13, 159-164.  | 1.2 | 3         |
| 524 | Alteration in plasma corticosterone levels following long term oral administration of lead produces depression like symptoms in rats. Metabolic Brain Disease, 2013, 28, 85-92.   | 2.9 | 25        |
| 525 | The effects of anandamide signaling enhanced by the FAAH inhibitor URB597 on coping styles in rats. Psychopharmacology, 2013, 230, 353-362.   | 3.1 | 32        |
| 526 | Prenatal Stress Produces Social Behavior Deficits and Alters the Number of Oxytocin and Vasopressin Neurons in Adult Rats. Neurochemical Research, 2013, 38, 1479-1489.   | 3.3 | 76        |
| 527 | Simulation of behavioral profiles in the plus-maze: A Classification and Regression Tree approach. BioSystems, 2013, 114, 69-77.  | 2.0 | 1         |
| 528 | Sex differences in anxiety and emotional behavior. Pflugers Archiv European Journal of Physiology, 2013, 465, 601-626.  | 2.8 | 263       |
| 529 | To attack, or not to attack? The role of serotonin transporter genotype in the display of maternal aggression. Behavioural Brain Research, 2013, 242, 135-141.  | 2.2 | 21        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 530 | Anxiolytic-like effect of the extract from Bowdichia virgilioides in mice. Revista Brasileira De Farmacognosia, 2013, 23, 680-686.   | 1.4 | 15        |
| 531 | 2-(4-substituted piperazin-1-yl)-1,8-naphthyridine-3-carboxylic acids: Novel 5-HT <sub>3</sub> receptor antagonists with anxiolytic-like activity in rodent behavioral models. Canadian Journal of Physiology and Pharmacology, 2013, 91, 848-854. | 1.4 | 9         |
| 532 | Calorie restriction inhibits relapse behaviour and preference for alcohol within a two-bottle free choice paradigm in the alcohol preferring (iP) rat. Physiology and Behavior, 2013, 110-111, 34-41.  | 2.1 | 6         |
| 533 | Differential effects of subchronic Phencyclidine on anxiety in the light-enhanced startle-, light/dark exploration- and open field tests. Behavioural Brain Research, 2013, 243, 61-65.  | 2.2 | 10        |
| 534 | Etazolate rescues behavioral deficits in chronic unpredictable mild stress model: Modulation of hypothalamic–pituitary–adrenal axis activity and brain-derived neurotrophic factor level. Neurochemistry International, 2013, 63, 465-475.         | 3.8 | 38        |
| 535 | Evaluation of cage leaving behaviour in rats as a free choice paradigm. Journal of Pharmacological and Toxicological Methods, 2013, 68, 240-249.   | 0.7 | 10        |
| 536 | Modeling mouse, human, and discipline: Epistemic scaffolds in animal behavior genetics. Social Studies of Science, 2013, 43, 3-29.   | 2.5 | 44        |
| 537 | <i>Toxoplasma gondii</i> infection, from predation to schizophrenia: can animal behaviour help us understand human behaviour?. Journal of Experimental Biology, 2013, 216, 99-112.   | 1.7 | 140       |
| 538 | Impaired cognitive function and reduced anxietyâ€related behavior in a promyelocytic leukemia ( <scp>PML</scp> ) tumor suppressor proteinâ€deficient mouse. Genes, Brain and Behavior, 2013, 12, 189-202.  | 2.2 | 9         |
| 539 | Genetic diversity contributes to abnormalities in pain behaviors between young and old rats. Age, 2013, 35, 1-10.  | 3.0 | 7         |
| 540 | Anxiolytic and sedative properties of hydroethanolic extract of Telfairia occidentalis leaves in mice. Revista Brasileira De Farmacognosia, 2013, 23, 301-309.   | 1.4 | 10        |
| 541 | Comparison of the effects of the GABAB receptor positive modulator BHF177 and the GABAB receptor agonist baclofen on anxiety-like behavior, learning, and memory in mice. Neuropharmacology, 2013, 70, 156-167.                                    | 4.1 | 46        |
| 542 | Anxiogenic effects of CGRP within the BNST may be mediated by CRF acting at BNST CRFR1 receptors. Behavioural Brain Research, 2013, 243, 286-293.  | 2.2 | 33        |
| 543 | Behavioral evidence for photophobia and stress-related ipsilateral head pain in transgenic Cacna1a mutant mice. Pain, 2013, 154, 1254-1262.  | 4.2 | 76        |
| 544 | FG7142, yohimbine, and $\hat{l}^2$ CCE produce anxiogenic-like effects in the elevated plus-maze but do not affect brainstem activated hippocampal theta. Neuropharmacology, 2013, 75, 47-52.  | 4.1 | 21        |
| 545 | Estrous cycle variation in anxiolytic-like effects of topiramate in Wistar rats in two animal models of anxiety-like behavior. Pharmacology Biochemistry and Behavior, 2013, 103, 631-636.   | 2.9 | 17        |
| 546 | Behavioral effects of combined environmental enrichment and chronic nicotine administration in male NMRI mice. Physiology and Behavior, 2013, 114-115, 65-76.  | 2.1 | 22        |
| 547 | Anxiolytic effects of Plumeria rubra var. acutifolia (Poiret) L. flower extracts in the elevated plus-maze model of anxiety in mice. Asian Journal of Psychiatry, 2013, 6, 113-118.  | 2.0 | 19        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 548 | Treatment with an anti-CD11d integrin antibody reduces neuroinflammation and improves outcome in a rat model of repeated concussion. Journal of Neuroinflammation, 2013, 10, 26.  | 7.2 | 66        |
| 549 | Antidepressant, anxiolytic and adaptogenic activity of torvanol A: an isoflavonoid from seeds of Solanum torvum. Natural Product Research, 2013, 27, 2140-2143.   | 1.8 | 20        |
| 550 | AAV-based gene therapy prevents neuropathology and results in normal cognitive development in the hyperargininemic mouse. Gene Therapy, 2013, 20, 785-796.  | 4.5 | 31        |
| 551 | Maternal deprivation effects on brain plasticity and recognition memory in adolescent male and female rats. Neuropharmacology, 2013, 68, 223-231.   | 4.1 | 103       |
| 552 | Mathematical methods to model rodent behavior in the elevated plus-maze. Journal of Neuroscience Methods, 2013, 220, 141-148.   | 2.5 | 16        |
| 553 | Insights into functional pharmacology of $\hat{l}\pm 1$ GABAA receptors: how much does partial activation at the benzodiazepine site matter?. Psychopharmacology, 2013, 230, 113-123.   | 3.1 | 4         |
| 554 | Anxiolytic-induced attenuation of thigmotaxis in the Elevated Minus Maze. Behavioural Processes, 2013, 97, 76-79.   | 1.1 | 4         |
| 555 | Knockout of c-Jun N-terminal kinases 1, 2 or 3 isoforms induces behavioural changes. Behavioural Brain Research, 2013, 245, 88-95.  | 2.2 | 27        |
| 556 | Effects of circadian phase and melatonin injection on anxiety-like behavior in nocturnal and diurnal rodents. Chronobiology International, 2013, 30, 828-836.   | 2.0 | 36        |
| 557 | Evaluation of Anxiolytic-Like Effect of Aqueous Extract of <i>Asparagus </i> Stem in Mice. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-10.   | 1.2 | 8         |
| 558 | Anxiolytic Action of Pterostilbene: Involvement of Hippocampal ERK Phosphorylation. Planta Medica, 2013, 79, 723-730.   | 1.3 | 19        |
| 559 | Role of Hypothalamic-pituitary-adrenal-axis in Affective Disorders: Anti-depressant and Anxiolytic Activity of Partial 5-HT1A Agonist in Adrenalectomised Rats. Indian Journal of Psychological Medicine, 2013, 35, 290-298.        | 1.5 | 8         |
| 560 | Diet-Regulated Anxiety. International Journal of Endocrinology, 2013, 2013, 1-9.  | 1.5 | 24        |
| 561 | Antidepressant-like and anxiolytic-like effects of hydrogen sulfide in behavioral models of depression and anxiety. Behavioural Pharmacology, 2013, 24, 590-597.  | 1.7 | 44        |
| 562 | Intrahippocampal infusion of the I <sub>h</sub> blocker ZD7288 slows evoked theta rhythm and produces anxiolyticâ€ike effects in the elevated plus maze. Hippocampus, 2013, 23, 278-286.  | 1.9 | 17        |
| 563 | Yohimbine anxiogenesis in the elevated plus maze requires hindbrain noradrenergic neurons that target the anterior ventrolateral bed nucleus of the stria terminalis. European Journal of Neuroscience, 2013, 37, 1340-1349.        | 2.6 | 23        |
| 564 | Accumulation and Endocrine Disrupting Effects of the Flame Retardant Mixture Firemaster (sup $\hat{A}^{\otimes}$ (sup > 550 in Rats: An Exploratory Assessment. Journal of Biochemical and Molecular Toxicology, 2013, 27, 124-136. | 3.0 | 222       |
| 565 | QCM-4 a novel 5-HT3 antagonist attenuates the behavioral and biochemical alterations on chronic unpredictable mild stress model of depression in Swiss albino mice. Journal of Pharmacy and Pharmacology, 2013, 66, 122-132.        | 2.4 | 21        |

| #   | Article   | IF    | CITATIONS |
|-----|---|-------|-----------|
| 566 | Daily Acclimation Handling Does Not Affect Hippocampal Long-Term Potentiation or Cause Chronic Sleep Deprivation in Mice. Sleep, 2013, 36, 601-607.   | 1.1   | 30        |
| 567 | The Successive Alleys Test of Anxiety in Mice and Rats. Journal of Visualized Experiments, 2013, , .  | 0.3   | 25        |
| 568 | Postnatal Transplantation of Interneuronal Precursor Cells Decreases Anxiety-Like Behavior in Adult Mice. Cell Transplantation, 2013, 22, 1237-1247.  | 2.5   | 13        |
| 569 | The absence of P2X7 receptors (P2rx7) on non-haematopoietic cells leads to selective alteration in mood-related behaviour with dysregulated gene expression and stress reactivity in mice. International Journal of Neuropsychopharmacology, 2013, 16, 213-233. | 2.1   | 83        |
| 570 | Protective Effects of Curcumin and Sertraline on the Behavioral Changes in Chronic Variable Stress-Induced Rats. Experimental Neurobiology, 2013, 22, 96-106.   | 1.6   | 20        |
| 571 | Anxiolytic- and antidepressant-like effects of the ethanolic extract from Citrus limon plant widely used in Northeastern Brazil. African Journal of Pharmacy and Pharmacology, 2013, 7, 2173-2179.  | 0.3   | 2         |
| 572 | Evaluation of hydro-alcoholic extract of leaves of Boerhaavia diffusa for anxiolytic activity in rats. African Journal of Pharmacy and Pharmacology, 2013, 7, 1071-1074.  | 0.3   | 7         |
| 573 | Preclinical Evidence of Rapid-Onset Antidepressant-Like Effect in Radix Polygalae Extract. PLoS ONE, 2014, 9, e88617.   | 2.5   | 49        |
| 574 | Not all effort is equal: the role of the anterior cingulate cortex in different forms of effort-reward decisions. Frontiers in Behavioral Neuroscience, 2014, 8, 12.  | 2.0   | 38        |
| 575 | Post-operative environmental enrichment improves spatial and motor deficits but may not ameliorate anxiety- or depression-like symptoms in rats following traumatic brain injury. Restorative Neurology and Neuroscience, 2014, 32, 701-716.                    | 0.7   | 5         |
| 576 | QCM-4, a serotonergic type 3 receptor modulator attenuates depression co-morbid with obesity in mice: An approach based on behavioral and biochemical investigations. European Journal of Pharmacology, 2014, 740, 611-618.                                     | 3.5   | 18        |
| 577 | Plurality of anxiety and depression alteration mechanism by oleanolic acid. Journal of Psychopharmacology, 2014, 28, 923-934.   | 4.0   | 28        |
| 578 | Hippocampal corticosterone impairs memory consolidation during sleep but improves consolidation in the wake state. Hippocampus, 2014, 24, 510-515.  | 1.9   | 37        |
| 579 | Toxic Effects of Mercury. , 2014, , .   |       | 13        |
| 580 | Chronic light deprivation inhibits appetitive associative learning induced by ethanol and its respective c-Fos and pCREB expression. International Journal of Neuropsychopharmacology, 2014, 17, 1815-1830.   | 2.1   | 8         |
| 581 | Apport des modÑles animaux comportementaux en psychiatrie : exemples des modÑles d'anxiété. , 20<br>81-105.   | 14, , | 0         |
| 582 | Elevated Plus Maze., 2014,, 1-5.  |       | 1         |
| 583 | Effects of NB001 and gabapentin on irritable bowel syndrome-induced behavioral anxiety and spontaneous pain. Molecular Brain, 2014, 7, 47.  | 2.6   | 69        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 584 | Influence of trait anxiety on the effects of acute stress on learning and retention of the passive avoidance task in male and female mice. Behavioural Processes, 2014, 105, 6-14.   | 1.1 | 16        |
| 585 | Pharmacological evaluation of Chlorophytum borivilianum Sant. & Fern. for anxiolytic activity and effect on brain GABA level. Oriental Pharmacy and Experimental Medicine, 2014, 14, 169-180.  | 1.2 | 3         |
| 586 | Temporary inhibition of dorsal or ventral hippocampus by muscimol: Distinct effects on measures of innate anxiety on the elevated plus maze, but similar disruption of contextual fear conditioning. Behavioural Brain Research, 2014, 262, 47-56. | 2.2 | 67        |
| 588 | Effect of a Selective Cyclooxygenase Type 2 Inhibitor Celecoxib on Depression Associated with Obesity in Mice: An Approach Using Behavioral Tests. Neurochemical Research, 2014, 39, 1395-1402.  | 3.3 | 16        |
| 589 | Preclinical research on pain comorbidity with affective disorders and cognitive deficits: Challenges and perspectives. Progress in Neurobiology, 2014, 116, 13-32.   | 5.7 | 83        |
| 590 | Assessment of mouse anxiety-like behavior in the light–dark box and open-field arena: Role of equipment and procedure. Physiology and Behavior, 2014, 133, 30-38.  | 2.1 | 177       |
| 591 | Developmental alterations in locomotor and anxiety-like behavior as a function of D1 and D2 mRNA expression. Behavioural Brain Research, 2014, 260, 25-33.   | 2.2 | 14        |
| 592 | CNS depressant and anticonvulsant activities of the alcoholic extract of leaves of Ziziyphus nummularia. Journal of Ethnopharmacology, 2014, 151, 536-542.   | 4.1 | 16        |
| 593 | Chronic morphine and tramadol reâ€exposure induced an antiâ€anxiety effect in prepubertal rats exposed neonatally to the same drugs. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 838-843.                                     | 1.9 | 11        |
| 594 | Neuroprotective effect of Prunus avium on streptozotocin induced neurotoxicity in mice.<br>Biomedicine and Preventive Nutrition, 2014, 4, 519-525.   | 0.9 | 13        |
| 595 | A computational model for exploratory activity of rats with different anxiety levels in elevated plus-maze. Journal of Neuroscience Methods, 2014, 236, 44-50.   | 2.5 | 20        |
| 596 | Effects of dorsal periaqueductal gray CRF1- and CRF2-receptor stimulation in animal models of panic. Psychoneuroendocrinology, 2014, 49, 321-330.  | 2.7 | 16        |
| 597 | A review of behavioural methods to study emotion and mood in pigs, Sus scrofa. Applied Animal Behaviour Science, 2014, 159, 9-28.  | 1.9 | 90        |
| 598 | Anxiolytic and antidepressant like effects of natural food flavour (E)-methyl isoeugenol. Food and Function, 2014, 5, 1819-1828.   | 4.6 | 26        |
| 599 | Non-linear dose effect relationship in anxiolytic and nootropic activity of lithium carbonate and Nardostachys jatamansi in rats. Oriental Pharmacy and Experimental Medicine, 2014, 14, 357-362.  | 1.2 | 1         |
| 600 | Influence of procedural variables on rat inhibitory avoidance and escape behaviors generated by the elevated T-maze. Behavioural Brain Research, 2014, 273, 45-51.   | 2.2 | 7         |
| 601 | Aversion in the elevated plus-maze: Role of visual and tactile cues. Behavioural Processes, 2014, 107, 106-111.  | 1.1 | 19        |
| 602 | Ondansetron attenuates depression co-morbid with obesity in obese mice subjected to chronic unpredictable mild stress; an approach using behavioral battery tests. Metabolic Brain Disease, 2014, 29, 701-710.                                     | 2.9 | 25        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 603 | U-shaped relationship between ageing and risk-taking behaviour in a wild-type rodent. Animal Behaviour, 2014, 97, 45-52.  | 1.9 | 8         |
| 604 | Modulation of GABAA Receptor Signaling Increases Neurogenesis and Suppresses Anxiety through NFATc4. Journal of Neuroscience, 2014, 34, 8630-8645.  | 3.6 | 39        |
| 605 | Fluoride exposure during development affects both cognition and emotion in mice. Physiology and Behavior, 2014, 124, 1-7.   | 2.1 | 57        |
| 606 | Discovery of novel anxiolytic agents â€" The trials and tribulations of pre-clinical models of anxiety. Neurobiology of Disease, 2014, 61, 72-78.   | 4.4 | 9         |
| 607 | Juvenile stress affects anxiety-like behavior and limbic monoamines in adult rats. Physiology and Behavior, 2014, 135, 7-16.  | 2.1 | 34        |
| 608 | Tests of unconditioned anxiety â€" Pitfalls and disappointments. Physiology and Behavior, 2014, 135, 55-71.   | 2.1 | 192       |
| 609 | Positive effects of the traditional C hinese medicine MLC 901 in cognitive tasks. Journal of Neuroscience Research, 2015, 93, 1648-1663.  | 2.9 | 22        |
| 610 | Lipopolysaccharide exacerbates infarct size and results in worsened post-stroke behavioral outcomes. Behavioral and Brain Functions, 2015, 11, 32.  | 3.3 | 36        |
| 611 | Behavior in the elevated plus maze is differentially affected by testing conditions in rats under and over three weeks of age. Frontiers in Behavioral Neuroscience, 2015, 9, 31.   | 2.0 | 28        |
| 612 | AMPA Receptor–mTOR Activation is Required for the Antidepressant-Like Effects of Sarcosine during the Forced Swim Test in Rats: Insertion of AMPA Receptor may Play a Role. Frontiers in Behavioral Neuroscience, 2015, 9, 162.                           | 2.0 | 35        |
| 613 | Long-Term Supplementation with Beta Serum Concentrate (BSC), a Complex of Milk Lipids, during Post-Natal Brain Development Improves Memory in Rats. Nutrients, 2015, 7, 4526-4541.  | 4.1 | 33        |
| 614 | Potential Therapeutic Value of a Novel FAAH Inhibitor for the Treatment of Anxiety. PLoS ONE, 2015, 10, e0137034.   | 2.5 | 39        |
| 615 | Evaluation of the Anxiolytic and Antidepressant Activities of the Aqueous Extract from <i>Camellia euphlebia </i> Merr. ex Sealy in Mice. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.   | 1.2 | 15        |
| 616 | Effects of chronic cerebral hypoperfusion and low-dose progesterone treatment on apoptotic processes, expression and subcellular localization of key elements within Akt and Erk signaling pathways in rat hippocampus. Neuroscience, 2015, 311, 308-321. | 2.3 | 11        |
| 617 | Behavioral studies on anxiety and depression in a drug discovery environment: Keys to a successful future. European Journal of Pharmacology, 2015, 753, 158-176.  | 3.5 | 17        |
| 618 | Behavioral effects of citrus limon in rats. Metabolic Brain Disease, 2015, 30, 589-596.   | 2.9 | 18        |
| 619 | Alterations in the Nrf2–Keap1 signaling pathway and its downstream target genes in rat brain under stress. Brain Research, 2015, 1602, 20-31.   | 2.2 | 66        |
| 620 | Effects of chronic administration of fenproporex on cognitive and non-cognitive behaviors. Metabolic Brain Disease, 2015, 30, 583-588.  | 2.9 | 1         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 621 | Head Rotational Acceleration Characteristics Influence Behavioral and Diffusion Tensor Imaging Outcomes Following Concussion. Annals of Biomedical Engineering, 2015, 43, 1071-1088.  | 2.5 | 53        |
| 622 | Effects of Valerianae Radix et Rhizoma extract on psychological stress in mice. Pharmacognosy<br>Magazine, 2015, 11, 381.   | 0.6 | 3         |
| 623 | Behavioural and neurotoxic effects of ayahuasca infusion (Banisteriopsis caapi and Psychotria viridis) in female Wistar rat. Behavioural Processes, 2015, 118, 102-110.   | 1.1 | 81        |
| 624 | Do the effects of prenatal exposure and acute treatment of methamphetamine on anxiety vary depending on the animal model used?. Behavioural Brain Research, 2015, 292, 361-369.   | 2.2 | 22        |
| 625 | Heterozygous L1-deficient mice express an autism-like phenotype. Behavioural Brain Research, 2015, 292, 432-442.  | 2.2 | 15        |
| 626 | Part II: Strain- and sex-specific effects of adolescent exposure to THC on adult brain and behaviour:<br>Variants of learning, anxiety and volumetric estimates. Behavioural Brain Research, 2015, 288, 132-152.  | 2.2 | 27        |
| 627 | The effects of extrinsic stress on somatic markers and behavior are dependent on animal housing conditions. Physiology and Behavior, 2015, 151, 238-245.  | 2.1 | 16        |
| 628 | Anxiety as a neurodevelopmental disorder in a neuronal subpopulation: Evidence from gene expression data. Psychiatry Research, 2015, 228, 729-740.  | 3.3 | 15        |
| 629 | Different physiological and behavioural effects of e-cigarette vapour and cigarette smoke in mice. European Neuropsychopharmacology, 2015, 25, 1775-1786.   | 0.7 | 76        |
| 630 | Pharmacological evaluation of novel 5-HT <sub>3</sub> receptor antagonist, QCM-13 (N-cyclohexyl-3-methoxyquinoxalin-2-carboxamide) as anti-anxiety agent in behavioral test battery. Journal of Pharmacy and Bioallied Sciences, 2015, 7, 103.                      | 0.6 | 9         |
| 631 | Effect of (4a) a novel 5-HT <sub>3</sub> receptor antagonist on chronic unpredictable mild stress induced depressive-like behavior in mice: an approach using behavioral tests battery. Journal of Basic and Clinical Physiology and Pharmacology, 2015, 26, 25-33. | 1.3 | 9         |
| 632 | Prenatal stress alters sensitivity to benzodiazepines in adult rats. Neuroscience Letters, 2015, 591, 187-191.  | 2.1 | 10        |
| 633 | Docosahexaenoic acid partially ameliorates deficits in social behavior and ultrasonic vocalizations caused by prenatal ethanol exposure. Behavioural Brain Research, 2015, 286, 201-211.  | 2.2 | 43        |
| 634 | Anxiolytic-like effects of ursolic acid in mice. European Journal of Pharmacology, 2015, 758, 171-176.  | 3.5 | 49        |
| 635 | Transiently lowering tumor necrosis factor- $\hat{l}_{\pm}$ synthesis ameliorates neuronal cell loss and cognitive impairments induced by minimal traumatic brain injury in mice. Journal of Neuroinflammation, 2015, 12, 45.                                       | 7.2 | 107       |
| 636 | Impact of Low-Dose Oral Exposure to Bisphenol A (BPA) on Juvenile and Adult Rat Exploratory and Anxiety Behavior: A CLARITY-BPA Consortium Study. Toxicological Sciences, 2015, 148, 341-354.   | 3.1 | 59        |
| 637 | Antidepressant and Anxiolytic Effects of the Methanol Root Extract of Capparis thonningii: Involvement of Monoaminergic, Cholinergic and GABAergic Systems. Drug Research, 2015, 65, 205-213.   | 1.7 | 5         |
| 638 | Maternal Immune Activation Induces Changes in Myelin and Metabolic Proteins, Some of Which Can Be Prevented with Risperidone in Adolescence. Developmental Neuroscience, 2015, 37, 43-55.   | 2.0 | 30        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 639 | Effect of a Hydroalcoholic Extract of Rosa Canina Flowers on Anxiety in Rats. Neurophysiology, 2015, 47, 133-137.   | 0.3 | 11        |
| 640 | Higher detection sensitivity of anxiolytic effects of diazepam by ledge-free open arm with opaque walled closed arm elevated plus maze in male rats. Behavioural Brain Research, 2015, 294, 131-140.  | 2.2 | 12        |
| 641 | Environmental manipulation affects depressive-like behaviours in female Wistar-Kyoto rats. Behavioural Brain Research, 2015, 293, 208-216.  | 2.2 | 30        |
| 642 | Evaluation of neuropharmacological effects of aqueous leaf extract of Albizia glaberrima (Leguminosae) in mice. Journal of Ethnopharmacology, 2015, 160, 101-108.   | 4.1 | 26        |
| 643 | Behavior and Brain Gene Expression Changes in Mice Exposed to Preimplantation and Prenatal Stress. Reproductive Sciences, 2015, 22, 23-30.  | 2.5 | 21        |
| 644 | Behavioral assessment of NIH Swiss mice acutely intoxicated with tetramethylenedisulfotetramine. Neurotoxicology and Teratology, 2015, 47, 36-45.   | 2.4 | 38        |
| 645 | High maternal choline consumption during pregnancy and nursing alleviates deficits in social interaction and improves anxiety-like behaviors in the BTBR T+ltpr3tf/J mouse model of autism. Behavioural Brain Research, 2015, 278, 210-220. | 2.2 | 53        |
| 646 | A convenient one-pot synthesis and anxietic activity of 3-cyano-2(1H)-iminopyridines and halogen derivatives of benzo[h]chromenes. Arabian Journal of Chemistry, 2016, 9, S901-S906.  | 4.9 | 13        |
| 647 | Behavioral Characterization of the Effects of Cannabis Smoke and Anandamide in Rats. PLoS ONE, 2016, 11, e0153327.  | 2.5 | 71        |
| 648 | Young-Adult Male Rats' Vulnerability to Chronic Mild Stress Is Reflected by Anxious-Like instead of Depressive-Like Behaviors. Neuroscience Journal, 2016, 2016, 1-12.  | 2.5 | 15        |
| 649 | Concurrence of High Fat Diet and APOE Gene Induces Allele Specific Metabolic and Mental Stress<br>Changes in a Mouse Model of Alzheimer's Disease. Frontiers in Behavioral Neuroscience, 2016, 10, 170.                                     | 2.0 | 17        |
| 650 | GluN2B-Containg NMDA Receptors on Adult-Born Granule Cells Contribute to the Antidepressant Action of Fluoxetine. Frontiers in Neuroscience, 2016, 10, 242.   | 2.8 | 13        |
| 651 | Food Deprivation, Body Weight Loss and Anxiety-Related Behavior in Rats. Animals, 2016, 6, 4.   | 2.3 | 30        |
| 652 | Estradiol does not affect spasms in the betamethasoneâ€ <scp>NMDA</scp> rat model of infantile spasms. Epilepsia, 2016, 57, 1326-1336.  | 5.1 | 15        |
| 653 | The Effects of 4-Methylethcathinone on Conditioned Place Preference, Locomotor Sensitization, and Anxiety-Like Behavior: A Comparison with Methamphetamine. International Journal of Neuropsychopharmacology, 2016, 19, pyv120.             | 2.1 | 28        |
| 654 | Anxiolytic-like effects of leptin on fixed interval responding. Pharmacology Biochemistry and Behavior, 2016, 148, 15-20.   | 2.9 | 7         |
| 655 | Maternal exposure to environmental enrichment before and during gestation influences behaviour of rat offspring in a sex-specific manner. Physiology and Behavior, 2016, 163, 274-287.  | 2.1 | 27        |
| 656 | Potential antidepressant-like properties of the TC G-1008, a GPR39 (zinc receptor) agonist. Journal of Affective Disorders, 2016, 201, 179-184.   | 4.1 | 27        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 657 | Rapamycin blocks the antidepressant effect of ketamine in task-dependent manner. Psychopharmacology, 2016, 233, 2077-2097.  | 3.1 | 35        |
| 658 | Protective effect of Ficus religiosa (L.) against 3-nitropropionic acid induced Huntington disease. Oriental Pharmacy and Experimental Medicine, 2016, 16, 165-174.   | 1.2 | 20        |
| 659 | Evaluation of neuroprotective, anticonvulsant, sedative and anxiolytic activity of citicoline in rats. European Journal of Pharmacology, 2016, 789, 275-279.  | 3.5 | 20        |
| 660 | Preclinical animal anxiety research – flaws and prejudices. Pharmacology Research and Perspectives, 2016, 4, e00223.  | 2.4 | 94        |
| 661 | The <scp>G</scp> enetic <scp>A</scp> bsence <scp>E</scp> pilepsy <scp>R</scp> ats from <scp>S</scp> trasbourg model of absence epilepsy exhibits alterations in fear conditioning and latent inhibition consistent with psychiatric comorbidities in humans. European Journal of Neuroscience, 2016, 43, 25-40. | 2.6 | 31        |
| 662 | Panic-modulating effects of alprazolam, moclobemide and sumatriptan in the rat elevated T-maze. Behavioural Brain Research, 2016, 315, 115-122.   | 2.2 | 4         |
| 663 | Therapeutic effects of 10-HzPulsed wave lasers in rat depression model: A comparison between near-infrared and red wavelengths. Lasers in Surgery and Medicine, 2016, 48, 695-705.  | 2.1 | 42        |
| 664 | Prediction of Post-Concussive Behavioral Changes in a Rodent Model Based on Head Rotational Acceleration Characteristics. Annals of Biomedical Engineering, 2016, 44, 3252-3265.  | 2.5 | 8         |
| 665 | Prenatal SSRI alters the hormonal and behavioral responses to stress in female mice: Possible role for glucocorticoid resistance. Hormones and Behavior, 2016, 84, 41-49.   | 2.1 | 24        |
| 666 | Individual differences in saccharin acceptance predict rats' food intake. Physiology and Behavior, 2016, 164, 151-156.  | 2.1 | 7         |
| 667 | Investigation of rat exploratory behavior via evolving artificial neural networks. Journal of Neuroscience Methods, 2016, 270, 102-110.   | 2.5 | 0         |
| 668 | Alcohol consumption increases locomotion in an open field and induces Fos-immunoreactivity in reward and approach/withdrawal-related neurocircuitries. Alcohol, 2016, 50, 73-82.  | 1.7 | 18        |
| 669 | $\hat{l}^{\circ}$ Opioid receptor activation in different brain regions differentially modulates anxiety-related behaviors in mice. Neuropharmacology, 2016, 110, 92-101.   | 4.1 | 18        |
| 670 | Pioglitazone, a PPAR $\hat{I}^3$ agonist rescues depression associated with obesity using chronic unpredictable mild stress model in experimental mice. Neurobiology of Stress, 2016, 3, 114-121.   | 4.0 | 28        |
| 671 | The pilocarpine model of temporal lobe epilepsy: Marked intrastrain differences in female Sprague–Dawley rats and the effect of estrous cycle. Epilepsy and Behavior, 2016, 61, 141-152.  | 1.7 | 23        |
| 672 | Two short-acting kappa opioid receptor antagonists (zyklophin and LY2444296) exhibited different behavioral effects from the long-acting antagonist norbinaltorphimine in mouse anxiety tests. Neuroscience Letters, 2016, 615, 15-20.  | 2.1 | 12        |
| 673 | Assessment of anxiety in open field and elevated plus maze using infrared thermography. Physiology and Behavior, 2016, 157, 209-216.  | 2.1 | 52        |
| 674 | Modulatory effects of the basolateral amygdala $\hat{l}\pm 2$ -adrenoceptors on nicotine-induced anxiogenic-like behaviours of rats in the elevated plus maze. Neuropharmacology, 2016, 105, 478-486.   | 4.1 | 23        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 675 | Toll-Like Receptor 4 Deficiency Causes Reduced Exploratory Behavior in Mice Under Approach-Avoidance Conflict. Neuroscience Bulletin, 2016, 32, 127-136.   | 2.9 | 26        |
| 676 | Behavioral effects of citrus paradisi in rats. Metabolic Brain Disease, 2016, 31, 329-335.   | 2.9 | 5         |
| 677 | A modified beam-walking apparatus for assessment of anxiety in a rodent model of blast traumatic brain injury. Behavioural Brain Research, 2016, 296, 149-156.   | 2.2 | 19        |
| 678 | Involvement of nitric oxide in anticompulsive-like effect of agmatine on marble-burying behaviour in mice. European Journal of Pharmacology, 2016, 770, 165-171.   | 3.5 | 20        |
| 679 | Ventral hippocampal histamine increases the frequency of evoked theta rhythm but produces anxiolytic-like effects in the elevated plus maze. Neuropharmacology, 2016, 106, 146-155.  | 4.1 | 8         |
| 680 | Hippocampal-dependent neurocognitive impairment following cranial irradiation observed in pre-clinical models: current knowledge and possible future directions. British Journal of Radiology, 2016, 89, 20150762.                                       | 2.2 | 21        |
| 681 | Medial Septal NMDA Glutamate Receptors are Involved in Modulation of Blood Natural Killer Cell Activity in Rats. Journal of NeuroImmune Pharmacology, 2016, 11, 121-132.   | 4.1 | 8         |
| 682 | Transcranial direct current stimulation (tDCS) reverts behavioral alterations and brainstem BDNF level increase induced by neuropathic pain model: Long-lasting effect. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 44-51. | 4.8 | 39        |
| 683 | Neurobehavioral toxicity of carbon nanotubes in mice. Toxicology and Industrial Health, 2017, 33, 340-350.   | 1.4 | 35        |
| 684 | Individual and sex differences in high and low responder phenotypes. Behavioural Processes, 2017, 136, 20-27.  | 1.1 | 18        |
| 685 | Novel 5-HT3 receptor antagonist QCM-4 attenuates depressive-like phenotype associated with obesity in high-fat-diet-fed mice. Psychopharmacology, 2017, 234, 1165-1179.  | 3.1 | 12        |
| 686 | Individual differences in fear extinction and anxiety-like behavior. Learning and Memory, 2017, 24, 182-190.   | 1.3 | 17        |
| 687 | Prenatal fluoxetine modifies the behavioral and hormonal responses to stress in male mice: role for glucocorticoid insensitivity. Behavioural Pharmacology, 2017, 28, 345-355.   | 1.7 | 9         |
| 688 | Behavioural outcomes of adult female offspring following maternal stress and perinatal fluoxetine exposure. Behavioural Brain Research, 2017, 331, 84-91.  | 2.2 | 24        |
| 689 | Behaviour, stress and welfare of Sprague Dawley rats (Rattus norvegicus) on diet board feeding for 24 months. Applied Animal Behaviour Science, 2017, 194, 86-94.  | 1.9 | 3         |
| 690 | Evaluation of the neutrophil:lymphocyte ratio as an indicator of chronic distress in the laboratory mouse. Lab Animal, 2017, 46, 303-307.  | 0.4 | 36        |
| 691 | Neuroanatomical pathways underlying the effects of hypothalamo-hypophysial-adrenal hormones on exploratory activity. Reviews in the Neurosciences, 2017, 28, 617-648.  | 2.9 | 1         |
| 692 | Neonatal reflexes and behavior in hypertensive rats of ISIAH strain. Physiology and Behavior, 2017, 175, 22-30.  | 2.1 | 6         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 693 | New insights into early-life stress and behavioral outcomes. Current Opinion in Behavioral Sciences, 2017, 14, 133-139.   | 3.9 | 89        |
| 694 | Effect of prenatal restraint stress and morphine co-administration on plasma vasopressin concentration and anxiety behaviors in adult rat offspring. Stress, 2017, 20, 205-211.   | 1.8 | 19        |
| 695 | Peri-adolescent asthma symptoms cause adult anxiety-related behavior and neurobiological processes in mice. Behavioural Brain Research, 2017, 326, 244-255.   | 2.2 | 14        |
| 696 | Validation of a Portable Low-Power Deep Brain Stimulation Device Through Anxiolytic Effects in a Laboratory Rat Model. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1365-1374.   | 4.9 | 16        |
| 697 | Chronic Adolescent î" <sup>9</sup> -Tetrahydrocannabinol Treatment of Male Mice Leads to Long-Term Cognitive and Behavioral Dysfunction, Which Are Prevented by Concurrent Cannabidiol Treatment. Cannabis and Cannabinoid Research, 2017, 2, 235-246.  | 2.9 | 99        |
| 698 | Re-exposure to nicotine-associated context from adolescence enhances alcohol intake in adulthood.<br>Scientific Reports, 2017, 7, 2479.   | 3.3 | 18        |
| 699 | Acute Amino Acid <scp>d</scp> -Serine Administration, Similar to Ketamine, Produces Antidepressant-like Effects through Identical Mechanisms. Journal of Agricultural and Food Chemistry, 2017, 65, 10792-10803.  | 5.2 | 27        |
| 700 | Immediate and delayed hyperbaric oxygen therapy as a neuroprotective treatment for traumatic brain injury in mice. Molecular and Cellular Neurosciences, 2017, 83, 74-82.   | 2.2 | 40        |
| 701 | The relevance of inter- and intrastrain differences in mice and rats and their implications for models of seizures and epilepsy. Epilepsy and Behavior, 2017, 73, 214-235.  | 1.7 | 54        |
| 702 | Antidepressant-like effects of long-term sarcosine treatment in rats with or without chronic unpredictable stress. Behavioural Brain Research, 2017, 316, 1-10.   | 2.2 | 24        |
| 703 | Neuropharmacological and neurochemical evaluation of N <i>-</i> n <i>-</i> propyl-3-ethoxyquinoxaline-2-carboxamide (6n): a novel serotonergic 5-HT <sub>3</sub> receptor antagonist for co-morbid antidepressant- and anxiolytic-like potential using traumatic brain injury model in rats. Journal of Basic and Clinical Physiology and Pharmacology, 2017, 28, 93-100. | 1.3 | 11        |
| 704 | Prenatal stressors in rodents: Effects on behavior. Neurobiology of Stress, 2017, 6, 3-13.  | 4.0 | 203       |
| 705 | Chronic ghrelin treatment reduced photophobia and anxietyâ€like behaviors in nitroglycerin―induced migraine: role of pituitary adenylate cyclaseâ€activating polypeptide. European Journal of Neuroscience, 2017, 45, 763-772.  | 2.6 | 43        |
| 706 | High Resolution UHPLC-MS Metabolomics and Sedative-Anxiolytic Effects of Latua pubiflora: A Mystic Plant used by Mapuche Amerindians. Frontiers in Pharmacology, 2017, 8, 494.  | 3.5 | 5         |
| 707 | A link between thrifty phenotype and maternal care across two generations of intercrossed mice. PLoS ONE, 2017, 12, e0177954.   | 2.5 | 5         |
| 708 | An elevated plus-maze in mixed reality for studying human anxiety-related behavior. BMC Biology, 2017, 15, 125.   | 3.8 | 93        |
| 709 | Strain Effects on Expression of Seizures and Epilepsy. , 2017, , 21-38.   |     | 3         |
| 710 | Support for Natural Small-Molecule Phenols as Anxiolytics. Molecules, 2017, 22, 2138.   | 3.8 | 21        |

| #   | Article  | IF                 | Citations     |
|-----|--|--------------------|---------------|
| 711 | What can kinematics tell us about the affective states of animals?. Animal Welfare, 2017, 26, 383-397.   | 0.7                | 18            |
| 712 | Long-Term Neuroinflammation Induced by Influenza A Virus Infection and the Impact on Hippocampal Neuron Morphology and Function. Journal of Neuroscience, 2018, 38, 3060-3080.   | 3.6                | 143           |
| 713 | Strengthened functional connectivity among LFPs in rat medial prefrontal cortex during anxiety. Behavioural Brain Research, 2018, 349, 130-136.  | 2.2                | 2             |
| 714 | Diazepam fails to alter anxiety-like responses but affects motor function in a white-black test paradigm in larval zebrafish ( Danio rerio ). Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 83, 127-136. | 4.8                | 14            |
| 715 | Ethological and multi-behavioral analysis of learning and memory performance in laboratory rodent models. Neuroscience Research, 2018, 135, 1-12.  | 1.9                | 31            |
| 716 | Anxiolytic effect of an extract of Salvia miltiorrhiza roots in rats. Journal of the Chinese Medical Association, 2018, 81, 390-397.   | 1.4                | 7             |
| 717 | Low doses of methylmercury intoxication solely or associated to ethanol binge drinking induce psychiatric-like disorders in adolescent female rats. Environmental Toxicology and Pharmacology, 2018, 60, 184-194.                | 4.0                | 22            |
| 718 | Behavioral Animal Model of the Emotional Response to Tinnitus and Hearing Loss. JARO - Journal of the Association for Research in Otolaryngology, 2018, 19, 67-81.   | 1.8                | 17            |
| 719 | Increased fear learning, spatial learning as well as neophobia in Rgs2 <sup>â^'/â^'</sup> mice. Genes, Brain and Behavior, 2018, 17, e12420.   | 2.2                | 17            |
| 720 | Studies into the anxiolytic actions of agomelatine in social isolation reared rats: Role of corticosterone and sex. Journal of Psychopharmacology, 2018, 32, 134-145.  | 4.0                | 26            |
| 721 | Ketogenic Diet Suppresses Alcohol Withdrawal Syndrome in Rats. Alcoholism: Clinical and Experimental Research, 2018, 42, 270-277.  | 2.4                | 29            |
| 722 | Postnatal separation prevents the development of prenatal stressâ€induced anxiety in association with changes in oestrogen receptor and oxytocin immunoreactivity in female mandarin vole ( <i>Microtus) Tj ETQq1 1</i>          | 0. <b>7.8</b> 4314 | - rgBT /Overl |
| 723 | The microbial metabolite indole-3-propionic acid improves glucose metabolism in rats, but does not affect behaviour. Archives of Physiology and Biochemistry, 2018, 124, 306-312.  | 2.1                | 67            |
| 724 | In search of stress odours across species: Behavioural responses of rats to faeces from chickens and rats subjected to various types of stressful events. Applied Animal Behaviour Science, 2018, 205, 216-226.                  | 1.9                | 8             |
| 725 | Kainate receptor mediated presynaptic LTP in agranular insular cortex contributes to fear and anxiety in mice. Neuropharmacology, 2018, 128, 388-400.  | 4.1                | 9             |
| 726 | Seizure vulnerability and anxiety responses following chronic co-administration and acute withdrawal of caffeine and ethanol in a rat model. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 29, 1-10.          | 1.3                | 7             |
| 727 | Potentiation of Glutamatergic Synaptic Transmission Onto Dorsal Raphe Serotonergic Neurons in the Valproic Acid Model of Autism. Frontiers in Pharmacology, 2018, 9, 1185.   | 3.5                | 19            |
| 728 | Imepitoin Shows Benzodiazepine-Like Effects in Models of Anxiety. Frontiers in Pharmacology, 2018, 9, 1225.  | 3.5                | 10            |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 729 | Gastrodin Rescues Autistic-Like Phenotypes in Valproic Acid-Induced Animal Model. Frontiers in Neurology, 2018, 9, 1052.  | 2.4 | 16        |
| 730 | The Acute Post-Traumatic Period in Rats Is Accompanied by an Anxiety State and a Decrease in the Proportion of REM Sleep. Neuroscience and Behavioral Physiology, 2018, 48, 785-795.  | 0.4 | 2         |
| 731 | New Insights on Emotional Contributions to Human Postural Control. Frontiers in Neurology, 2018, 9, 789.  | 2.4 | 77        |
| 732 | Activity Dependent Mammalian Target of Rapamycin Pathway and Brain Derived Neurotrophic Factor Release is Required for the Rapid Antidepressant Effects of Puerarin. The American Journal of Chinese Medicine, 2018, 46, 1519-1534. | 3.8 | 6         |
| 733 | Continuous Exposure to Inorganic Mercury Affects Neurobehavioral and Physiological Parameters in Mice. Journal of Molecular Neuroscience, 2018, 66, 291-305.  | 2.3 | 14        |
| 734 | Asthma Induction During Development and Adult Lung Function, Behavior and Brain Gene Expression. Frontiers in Behavioral Neuroscience, 2018, 12, 188.   | 2.0 | 12        |
| 735 | Behavioral Effects of Acute Systemic Low-Dose Clozapine in Wild-Type Rats: Implications for the Use of DREADDs in Behavioral Neuroscience. Frontiers in Behavioral Neuroscience, 2018, 12, 173.                                     | 2.0 | 59        |
| 736 | Predictors of social instability stress effects on social interaction and anxiety in adolescent male rats. Developmental Psychobiology, 2018, 60, 651-663.  | 1.6 | 18        |
| 737 | Testing Animal Anxiety in Rats: Effects of Open Arm Ledges and Closed Arm Wall Transparency in Elevated Plus Maze Test. Journal of Visualized Experiments, 2018, , .  | 0.3 | 8         |
| 738 | $\hat{I}^2$ 2-microglobulin induces depressive- and anxiety-like behaviors in rat. PLoS ONE, 2018, 13, e0198027.  | 2.5 | 7         |
| 739 | Genetically Epilepsy-Prone Rats Display Anxiety-Like Behaviors and Neuropsychiatric Comorbidities of Epilepsy. Frontiers in Neurology, 2018, 9, 476.  | 2.4 | 38        |
| 740 | The Histamine H3 Receptor Antagonist DL77 Ameliorates MK801-Induced Memory Deficits in Rats. Frontiers in Neuroscience, 2018, 12, 42.   | 2.8 | 25        |
| 741 | Cognitive Bias in Zoo Animals: An Optimistic Outlook for Welfare Assessment. Animals, 2018, 8, 104.   | 2.3 | 31        |
| 742 | The adhesion molecule cadherin 11 is essential for acquisition of normal hearing ability through middle ear development in the mouse. Laboratory Investigation, 2018, 98, 1364-1374.  | 3.7 | 9         |
| 743 | Novel behavioral assays of spontaneous and precipitated THC withdrawal in mice. Drug and Alcohol Dependence, 2018, 191, 14-24.  | 3.2 | 26        |
| 744 | Effect of repeated juvenile exposure to î"9‑tetrahydrocannabinol on anxiety-related behavior and social interactions in adolescent rats. Neurotoxicology and Teratology, 2018, 69, 11-20.   | 2.4 | 8         |
| 745 | Maternal High-fat Diet Programs Offspring Emotional Behavior in Adulthood. Neuroscience, 2018, 388, 87-101.   | 2.3 | 63        |
| 746 | Neonatal immune activation by lipopolysaccharide causes inadequate emotional responses to novel situations but no changes in anxiety or cognitive behavior in Wistar rats. Behavioural Brain Research, 2018, 349, 42-53.            | 2.2 | 8         |

| #           | Article  | IF  | Citations |
|-------------|--|-----|-----------|
| 747         | Behavioral Outcome as a Primary Organizing Principle for Mechanistic Data in Developmental Neurotoxicity., 2018,, 337-347.   |     | 1         |
| 748         | Social approach, anxiety, and altered tryptophan hydroxylase 2 activity in juvenile BALB/c and C57BL/6J mice. Behavioural Brain Research, 2019, 359, 918-926.  | 2.2 | 11        |
| 749         | Relationship between behavioral measures of anxiety and latent inhibition in mature rats. Learning and Behavior, 2019, 47, 59-65.  | 1.0 | 0         |
| 750         | Animal Models of Neurotrauma. Neuromethods, 2019, , .  | 0.3 | 1         |
| 751         | Clinically Relevant Outcome Measures for Experimental Traumatic Brain Injury (TBI) Studies. Neuromethods, 2019, , 263-294.   | 0.3 | 0         |
| 752         | Fasudil or genetic depletion of ROCK1 or ROCK2 induces anxiety-like behaviors. Behavioural Brain Research, 2019, 373, 112083.  | 2.2 | 15        |
| 753         | Sex differences in reward- and punishment-guided actions. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 1404-1417.   | 2.0 | 44        |
| <b>7</b> 54 | Postweaning Iron Deficiency in Male Rats Leads to Long-Term Hyperactivity and Decreased Reelin Gene Expression in the Nucleus Accumbens. Journal of Nutrition, 2019, 150, 212-221.   | 2.9 | 3         |
| 755         | Insect Defoliators in Recovering Industrial Landscapes: Effects of Landscape Degradation and Remediation Near an Abandoned Metal Smelter on Gypsy Moth (Lepidoptera: Lymantriidae) Feeding, Frass Production, and Frass Properties. Environmental Entomology, 2019, 48, 1187-1196. | 1.4 | 5         |
| 756         | Minimum Information in In Vivo Research. Handbook of Experimental Pharmacology, 2019, 257, 197-222.  | 1.8 | 2         |
| 757         | Sex-specific behavioral effects following developmental exposure to tetrabromobisphenol A (TBBPA) in Wistar rats. NeuroToxicology, 2019, 75, 136-147.  | 3.0 | 19        |
| 758         | Sexually Dimorphic Vasopressin Cells Modulate Social Investigation and Communication in Sex-Specific Ways. ENeuro, 2019, 6, ENEURO.0415-18.2019.   | 1.9 | 41        |
| 759         | Activation and blockade of dorsal hippocampal Serotonin <sub>6</sub> receptors regulate anxiety-like behaviors in a unilateral 6-hydroxydopamine rat model of Parkinson's disease. Neurological Research, 2019, 41, 791-801.   | 1.3 | 15        |
| 760         | Short-term, low-dose fluoxetine prevents oestrous cycle-linked increase in anxiety-like behaviour in female rats. Journal of Psychopharmacology, 2019, 33, 548-557.  | 4.0 | 19        |
| 761         | Histamine H3 receptor antagonist E177 attenuates amnesia induced by dizocilpine without modulation of anxiety-like behaviors in rats. Neuropsychiatric Disease and Treatment, 2019, Volume 15, 531-542.  | 2.2 | 14        |
| 762         | Gabapentin increases expression of $\hat{l}'$ subunit-containing GABAA receptors. EBioMedicine, 2019, 42, 203-213.   | 6.1 | 33        |
| 763         | Social isolation rearing-induced anxiety and response to agomelatine in male and female rats: Role of corticosterone, oxytocin, and vasopressin. Journal of Psychopharmacology, 2019, 33, 640-646.   | 4.0 | 33        |
| 764         | FTO affects hippocampal function by regulation of BDNF processing. PLoS ONE, 2019, 14, e0211937.   | 2.5 | 38        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 765 | Effects of N-ethylpentylone on locomotor activity and anxiety-like behavior in rats. Behavioural Pharmacology, 2019, 30, 500-505.   | 1.7 | 12        |
| 766 | Anxiolytic activity of paraoxon is associated with alterations in rat brain glutamatergic system. Neurotoxicology and Teratology, 2019, 71, 32-40.  | 2.4 | 8         |
| 767 | The T-type calcium channel antagonist, Z944, alters social behavior in Genetic Absence Epilepsy Rats from Strasbourg. Behavioural Brain Research, 2019, 361, 54-64.   | 2.2 | 18        |
| 768 | Intraischemic Modest Hypothermia Does Not Prevent Onset of Locomotor Inactivity After Transient Forebrain Ischemia in Rats. Therapeutic Hypothermia and Temperature Management, 2019, 9, 197-203.                                       | 0.9 | 0         |
| 769 | Grandmaternal high-fat diet primed anxiety-like behaviour in the second-generation female offspring. Behavioural Brain Research, 2019, 359, 47-55.  | 2.2 | 44        |
| 770 | Role of corticosterone in anxiety- and depressive-like behavior and HPA regulation following prenatal alcohol exposure. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 1-15.                                 | 4.8 | 12        |
| 771 | Aphrodisiac effect of Hunteria umbellata seed extract: Modulation of nitric oxide level and arginase activity in vivo. Pathophysiology, 2019, 26, 39-47.  | 2.2 | 14        |
| 772 | Social behavior effects of diphenyl dimethyl bicarboxylate (DDB) in the sensory contact model.<br>Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 313-326.   | 3.0 | 2         |
| 773 | Early life stress leads to sex differences in development of depressive-like outcomes in a mouse model. Neuropsychopharmacology, 2019, 44, 711-720.   | 5.4 | 164       |
| 774 | Gephyrin Palmitoylation in Basolateral Amygdala Mediates the Anxiolytic Action of Benzodiazepine.<br>Biological Psychiatry, 2019, 85, 202-213.  | 1.3 | 17        |
| 775 | Protective action of Grewia asiatica (phalsa) berries against scopolamine-induced deficit in learning and memory using behavior paradigms in rats. Advances in Traditional Medicine, 2020, 20, 243-253.                                 | 2.0 | 6         |
| 776 | Blockade of the cholecystokinin CCK-2 receptor prevents the normalization of anxiety levels in the rat. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109761.   | 4.8 | 12        |
| 777 | Effects of chronic intermittent ethanol exposure during early and late adolescence on anxiety-like behaviors and behavioral flexibility in adulthood. Behavioural Brain Research, 2020, 378, 112292.                                    | 2.2 | 61        |
| 778 | Transgenic Mouse. Methods in Molecular Biology, 2020, , .   | 0.9 | 2         |
| 779 | Finding intestinal fortitude: Integrating the microbiome into a holistic view of depression mechanisms, treatment, and resilience. Neurobiology of Disease, 2020, 135, 104578.  | 4.4 | 38        |
| 780 | Deleterious effects of chronic mercury exposure on in vitro LTP, memory process, and oxidative stress. Environmental Science and Pollution Research, 2020, 27, 7559-7569.   | 5.3 | 10        |
| 781 | Role of endocannabinoid signaling in a septohabenular pathway in the regulation of anxiety- and depressive-like behavior. Molecular Psychiatry, 2021, 26, 3178-3191.  | 7.9 | 26        |
| 782 | Dietary supplementation with Lactobacillus rhamnosus JB-1 restores brain neurochemical balance and mitigates the progression of mood disorder in a rat model of chronic unpredictable mild stress. Nutrition Research, 2020, 82, 44-57. | 2.9 | 27        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 783 | Corticotropin-releasing factor infusion in the bed nucleus of the stria terminalis of lactating mice alters maternal care and induces behavioural phenotypes in offspring. Scientific Reports, 2020, 10, 19985.  | 3.3 | 4         |
| 784 | Deep learning-based behavioral analysis reaches human accuracy and is capable of outperforming commercial solutions. Neuropsychopharmacology, 2020, 45, 1942-1952.   | 5.4 | 107       |
| 785 | Vendor differences in anxiety-like behaviors in female and male Sprague Dawley rats. Physiology and Behavior, 2020, 227, 113131.   | 2.1 | 14        |
| 786 | The anxiolytic effect of perampanel and possible mechanisms mediating its anxiolytic effect in mice. Life Sciences, 2020, 261, 118359.   | 4.3 | 10        |
| 787 | Langat virus infection affects hippocampal neuron morphology and function in mice without disease signs. Journal of Neuroinflammation, 2020, 17, 278.  | 7.2 | 14        |
| 788 | Benefits of tunnel handling persist after repeated restraint, injection and anaesthesia. Scientific Reports, 2020, 10, 14562.  | 3.3 | 26        |
| 789 | Selenium Restores Synaptic Deficits by Modulating NMDA Receptors and Selenoprotein K in an Alzheimer's Disease Model. Antioxidants and Redox Signaling, 2021, 35, 863-884.   | 5.4 | 28        |
| 790 | Persistent cognitive and affective alterations at late withdrawal stages after long-term intermittent exposure to tobacco smoke or electronic cigarette vapour: Behavioural changes and their neurochemical correlates. Pharmacological Research, 2020, 158, 104941. | 7.1 | 12        |
| 791 | Blockade of the endovanilloid receptor, TRPV1, and of the endocannabinoid enzyme, FAAH, within the nucleus accumbens shell elicits anxiolytic-like effects in male rats. Neuroscience Letters, 2020, 732, 135023.  | 2.1 | 1         |
| 792 | Red-hot chili receptors: A systematic review of TRPV1 antagonism in animal models of psychiatric disorders and addiction. Behavioural Brain Research, 2020, 393, 112734.   | 2.2 | 5         |
| 793 | Control of landing under conditions of height-induced threat. European Journal of Applied Physiology, 2020, 120, 1827-1839.  | 2.5 | 3         |
| 794 | Chronic mild stress alters synaptic plasticity in the nucleus accumbens through GSK3β-dependent modulation of Kv4.2 channels. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8143-8153.                                 | 7.1 | 30        |
| 795 | Intracerebroventricular administration of N-type calcium channel blocker ziconotide displays anticonvulsant, anxiolytic, and sedative effects in rats: A preclinical and pilot study. Epilepsy and Behavior, 2020, 111, 107251.                                      | 1.7 | 10        |
| 796 | Lineage- and Sex-Dependent Behavioral and Biochemical Transgenerational Consequences of Developmental Exposure to Lead, Prenatal Stress, and Combined Lead and Prenatal Stress in Mice. Environmental Health Perspectives, 2020, 128, 27001.                         | 6.0 | 27        |
| 797 | Roles of Akt and ERK in mTOR-Dependent Antidepressant Effects of Vanillic Acid. ACS Omega, 2020, 5, 3709-3716.   | 3.5 | 22        |
| 798 | Involvement of the gabaergic, serotonergic and glucocorticoid mechanism in the anxiolytic-like effect of mastoparan-L. Neuropeptides, 2020, 81, 102027.  | 2.2 | 4         |
| 799 | Inhibition of fatty acid amide hydrolase by chlorpyrifos in juvenile rats results in altered exploratory and social behavior as adolescents. NeuroToxicology, 2020, 77, 127-136.   | 3.0 | 23        |
| 800 | Podoplanin Gene Disruption in Mice Promotes in vivo Neural Progenitor Cells Proliferation, Selectively Impairs Dentate Gyrus Synaptic Depression and Induces Anxiety-Like Behaviors. Frontiers in Cellular Neuroscience, 2019, 13, 561.                              | 3.7 | 7         |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 801 | Acute administration of perampanel, an AMPA receptor antagonist, reduces cognitive impairments after traumatic brain injury in rats. Experimental Neurology, 2020, 327, 113222.  | 4.1 | 6         |
| 802 | Adolescent Ethanol Exposure: Anxiety-Like Behavioral Alterations, Ethanol Intake, and Sensitivity. Frontiers in Behavioral Neuroscience, 2020, 14, 45.   | 2.0 | 21        |
| 803 | Repetitive Mild Traumatic Brain Injury and Transcription Factor Modulation. Journal of Neurotrauma, 2020, 37, 1910-1917.   | 3.4 | 9         |
| 804 | Inhaled corticosteroids as treatment for adolescent asthma: effects on adult anxiety-related outcomes in a murine model. Psychopharmacology, 2021, 238, 165-179.   | 3.1 | 3         |
| 805 | Familiarization effects on the behavioral disinhibition of the cerebellar Lurcher mutant mice: use of the innovative Dual Maze. Behavioural Brain Research, 2021, 398, 112972.   | 2.2 | 8         |
| 806 | Removal of vasopressin cells from the paraventricular nucleus of the hypothalamus enhances lipopolysaccharideâ€induced sickness behaviour in mice. Journal of Neuroendocrinology, 2021, 33, e12915.  | 2.6 | 4         |
| 807 | Effects of test experience, closed-arm wall color, and illumination level on behavior and plasma corticosterone response in an elevated plus maze in male C57BL/6J mice: a challenge against conventional interpretation of the test. Molecular Brain, 2021, 14, 34. | 2.6 | 35        |
| 808 | The brain $3\hat{1}^2$ -HSD up-regulation in response to deteriorating effects of background emotional stress: an animal model of multiple sclerosis. Metabolic Brain Disease, 2021, 36, 1253-1258.  | 2.9 | 2         |
| 809 | Behavioral Alterations and Decreased Number of Parvalbumin-Positive Interneurons in Wistar Rats after Maternal Immune Activation by Lipopolysaccharide: Sex Matters. International Journal of Molecular Sciences, 2021, 22, 3274.                                    | 4.1 | 20        |
| 810 | Behavioral characteristics as potential biomarkers of the development and phenotype of epilepsy in a rat model of temporal lobe epilepsy. Scientific Reports, 2021, 11, 8665.  | 3.3 | 14        |
| 811 | Effects of Acrophobic Fear and Trait Anxiety on Human Behavior in a Virtual Elevated Plus-Maze. Frontiers in Virtual Reality, 2021, 2, .   | 3.7 | 4         |
| 812 | Effects of sub-chronic caffeine ingestion on memory and the hippocampal Akt, GSK-3β and ERK signaling in mice. Brain Research Bulletin, 2021, 170, 137-145.  | 3.0 | 8         |
| 813 | Sex differences in the elevated plus-maze test and large open field test in adult Wistar rats. Pharmacology Biochemistry and Behavior, 2021, 204, 173168.  | 2.9 | 99        |
| 814 | Ceftriaxone Reduces Waterpipe Tobacco Smoke Withdrawal-induced Anxiety in rats via Modulating the Expression of TNF-α/NFĸB, Nrf2, and GLT-1. Neuroscience, 2021, 463, 128-142.   | 2.3 | 18        |
| 815 | Involvement of GABAA Receptors in the Anxiolytic-Like Effect of Hydroxycitronellal. BioMed Research International, 2021, 2021, 1-17.   | 1.9 | 9         |
| 816 | Antidepressant-Like Properties of Intrastriatal Botulinum Neurotoxin-A Injection in a Unilateral 6-OHDA Rat Model of Parkinson's Disease. Toxins, 2021, 13, 505.   | 3.4 | 9         |
| 817 | Behavioral alterations, brain oxidative stress, and elevated levels of corticosterone associated with a pressure injury model in male mice. Journal of Basic and Clinical Physiology and Pharmacology, 2021, .   | 1.3 | 2         |
| 818 | Arhgap22 Disruption Leads to RAC1 Hyperactivity Affecting Hippocampal Glutamatergic Synapses and Cognition in Mice. Molecular Neurobiology, 2021, 58, 6092-6110.   | 4.0 | 4         |

| #   | Article   | IF  | Citations |
|-----|---|-----|-----------|
| 819 | Effects of Heavy Metal Toxicity on Anxiety Disorder. Journal of Biomedical Research & Environmental Sciences, 2021, 2, 660-668.   | 0.2 | 0         |
| 820 | Quantification of brainstem norepinephrine relative to vocal impairment and anxiety in the Pink1-/- rat model of Parkinson disease. Behavioural Brain Research, 2021, 414, 113514.                            | 2.2 | 19        |
| 821 | Saturation transfer MRI is sensitive to neurochemical changes in the rat brain due to chronic unpredictable mild stress. Scientific Reports, 2021, 11, 19040.   | 3.3 | 0         |
| 822 | Role of the reuniens and rhomboid thalamic nuclei in anxietyâ€like avoidance behavior in the rat. Hippocampus, 2021, 31, 756-769.   | 1.9 | 15        |
| 823 | Tests for Anxietyâ€Related Behavior in Mice. Current Protocols in Mouse Biology, 2015, 5, 291-309.  | 1.2 | 38        |
| 824 | The Septal Complex as Seen Through the Context of Fear. , 2000, , 234-269.  |     | 6         |
| 825 | The Septum and Anxiety., 2000,, 210-233.  |     | 8         |
| 826 | Strategies for Behaviorally Phenotyping the Transgenic Mouse. Methods in Molecular Biology, 2020, 2066, 171-194.  | 0.9 | 2         |
| 827 | The Mouse Light–Dark Box Test. Neuromethods, 2009, , 197-223.   | 0.3 | 16        |
| 828 | Using the Elevated Plus Maze as a Bioassay to Assess the Effects of Naturally Occurring and Exogenously Administered Compounds to Influence Anxiety-Related Behaviors of Mice. Neuromethods, 2009, , 225-246. | 0.3 | 5         |
| 829 | Neuropeptide Y and Its Receptor Subtypes in the Central Nervous System: Emphasis on Their Role in Animal Models of Psychiatric Disorders. Handbook of Experimental Pharmacology, 2004, , 101-136.             | 1.8 | 9         |
| 830 | Behavioral Effects of Neuropeptide Y. Handbook of Experimental Pharmacology, 2004, , 251-282.   | 1.8 | 1         |
| 831 | Parent-of-origin effects on schizophrenia-relevant behaviours of type III neuregulin 1 mutant mice. Behavioural Brain Research, 2017, 332, 250-258.   | 2.2 | 5         |
| 832 | Differential role of the medial and lateral prefrontal cortices in fear and anxiety Behavioral Neuroscience, 2000, 114, 1119-1130.  | 1.2 | 64        |
| 833 | Anxiolytic effects of cytotoxic hippocampal lesions in rats Behavioral Neuroscience, 2002, 116, 494-497.  | 1.2 | 58        |
| 834 | Double dissociation of function within the hippocampus: Spatial memory and hyponeophagia Behavioral Neuroscience, 2002, 116, 884-901.   | 1.2 | 141       |
| 835 | Animal models of anxiety, 2003,, 425-441.   |     | 8         |
| 836 | A new anxiety test for zebrafish: Plus maze with ramp Psychology and Neuroscience, 2016, 9, 457-464.  | 0.8 | 7         |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 837 | 5-HT1A receptor and 5-HT1B receptor knockout mice in stress and anxiety paradigms. Behavioural Pharmacology, 2003, 14, 369-83.   | 1.7 | 56        |
| 840 | Assessing the Neurobehavioral Effects of Early Toxicant Exposure. , 2006, , 415-445.   |     | 2         |
| 841 | Enriched Environment Experience Overcomes Learning Deficits and Depressive-Like Behavior Induced by Juvenile Stress. PLoS ONE, 2009, 4, e4329.   | 2.5 | 91        |
| 842 | High-Anxious Individuals Show Increased Chronic Stress Burden, Decreased Protective Immunity, and Increased Cancer Progression in a Mouse Model of Squamous Cell Carcinoma. PLoS ONE, 2012, 7, e33069.                                 | 2.5 | 57        |
| 843 | Loop Diuretics Have Anxiolytic Effects in Rat Models of Conditioned Anxiety. PLoS ONE, 2012, 7, e35417.  | 2.5 | 24        |
| 844 | Gut Microbiota Composition Is Correlated to Grid Floor Induced Stress and Behavior in the BALB/c Mouse. PLoS ONE, 2012, 7, e46231.   | 2.5 | 254       |
| 845 | Short and Long Term Measures of Anxiety Exhibit Opposite Results. PLoS ONE, 2012, 7, e48414.   | 2.5 | 35        |
| 846 | Genetic Deficiency in Neprilysin or Its Pharmacological Inhibition Initiate Excessive Stress-Induced Alcohol Consumption in Mice. PLoS ONE, 2012, 7, e50187.   | 2.5 | 4         |
| 847 | An Exploration Based Cognitive Bias Test for Mice: Effects of Handling Method and Stereotypic Behaviour. PLoS ONE, 2015, 10, e0130718.   | 2.5 | 33        |
| 848 | Anxiogenic Effect of Low-dose Methamphetamine in the Test of Elevated Plus-maze. Prague Medical Report, 2012, 113, 223-230.  | 0.8 | 21        |
| 849 | Dose dependent effects of serotonergic agents on anxiety. Acta Physiologica Hungarica, 2014, 101, 479-487.   | 0.9 | 7         |
| 850 | O papel da visão na aversão aos espaços abertos no labirinto em cruz elevado. Psicologia USP, 2006, 17, 159-174.   | 0.1 | 2         |
| 851 | Anxiolytic Effect of Ocimum basilicum Extract in Rats Tested by Elevated Plus-Maze Task. Avicenna Journal of Neuro Psycho Physiology, 2015, 2, .   | 0.1 | 1         |
| 852 | Different behavioral effects of maprotiline and fluxilan in rats. Archives of Biological Sciences, 2008, 60, 33-39.  | 0.5 | 6         |
| 853 | Experimental animal models for the simulation of depression and anxiety. Dialogues in Clinical Neuroscience, 2006, 8, 323-333.   | 3.7 | 56        |
| 854 | Amelioration of immobilization stress-induced biochemical and behavioral alterations and mitochondrial dysfunction by naringin in mice: possible mechanism of nitric oxide modulation. Zhong Xi Yi Jie He Xue Bao, 2011, 9, 1254-1263. | 0.7 | 7         |
| 855 | Efficacy of Curcumin in the Modulation of Anxiety Provoked by Sulfite, a Food Preservative, in Rats. Preventive Nutrition and Food Science, 2017, 22, 144-148.   | 1.6 | 7         |
| 856 | Preference for the light compartment of a light/dark cage does not affect rat exploratory behavior in the elevated plus-maze Psychology and Neuroscience, 2008, 1, 73-80.  | 0.8 | 2         |

| #   | ARTICLE   | IF  | Citations |
|-----|---|-----|-----------|
| 857 | Antidepressant-like effects of an apolar extract and chow enriched with Nepeta cataria (catnip) in mice Psychology and Neuroscience, 2010, 3, 251-258.  | 0.8 | 9         |
| 858 | Neonatal lipopolysaccharide exposure induces sexually dimorphic sickness behavior in adult rats<br>Psychology and Neuroscience, 2014, 7, 113-123.   | 0.8 | 12        |
| 859 | Enhancement of Anxiety and Modulation of TH and pERK Expressions in Amygdala by Repeated Injections of Corticosterone. Biomolecules and Therapeutics, 2012, 20, 418-424.  | 2.4 | 16        |
| 860 | Predator stress-induced depression is associated with inhibition of hippocampal neurogenesis in adult male mice. Neural Regeneration Research, 2019, 14, 298.   | 3.0 | 22        |
| 861 | Argan Oil Supplementation Reverses Anxiety and Depressive-Like Behaviors, Neurodegeneration and Oxidative Stress in Amygdala Induced by Chronic Mild Stress in Rats. Journal of Depression & Anxiety, 2018, 07, . | 0.1 | 3         |
| 862 | Anxiolytic activity of Tribulus terrestris on elevated plus maze. Journal of Applied Pharmaceutical Science, 0, , 126-128.  | 1.0 | 2         |
| 863 | A Review of Behavioral Tests to Evaluate Different Types of Anxiety and Anti-anxiety Effects. Clinical Psychopharmacology and Neuroscience, 2020, 18, 341-351.  | 2.0 | 81        |
| 864 | Elevated Plus Maze and Y-Maze Behavioral Effects of Subchronic, Oral Low Dose Monosodium Glutamate in Swiss Albino Mice. IOSR Journal of Pharmacy and Biological Sciences, 2012, 3, 21-27.                        | 0.1 | 21        |
| 865 | Lack of neuropeptide FF signalling in mice leads to reduced repetitive behavior, altered drinking behavior, and fuel type selection. FASEB Journal, 2021, 35, e21980.   | 0.5 | 14        |
| 866 | Social Instability Stress in Adolescence and Social Interaction in Female Rats. Neuroscience, 2021, 477, 1-13.  | 2.3 | 10        |
| 867 | Laboratory models of anxiety. , 2002, , 249-286.  |     | 0         |
| 869 | The Endocannabinoid System in the Liver. , 2008, , 187-192.   |     | O         |
| 870 | Anxiolytic activity of root extracts of Cardiospermum halicacabum in mice. The Internet Journal of Pharmacology, 2009, 7, .   | 0.1 | 3         |
| 871 | Modeling Mouse Anxiety and Sensorimotor Integration: Neurobehavioral Phenotypes in the Suok Test. Neuromethods, 2011, , 61-81.  | 0.3 | 0         |
| 872 | Tiermodelle fýr Angststörungen. , 2012, , 259-264.  |     | 0         |
| 873 | Animal Models in Addiction Research. , 2012, , 73-93.   |     | 2         |
| 874 | A Model Based on Genetic Algorithm for Investigation of the Behavior of Rats in the Elevated Plus-Maze. Lecture Notes in Computer Science, 2012, , 151-158.   | 1.3 | 4         |
| 876 | The Effect of Samul-tanggahyangbuja on Anti-Depressive Behavior and Immunity. The Journal of Korean Obstetrics and Gynecology, 2013, 26, 14-29.   | 0.4 | 1         |

| #   | Article  | IF        | CITATIONS |
|-----|--|-----------|-----------|
| 877 | TESTE DE CONSTRI‡Â $f$ O ABDOMINAL NÃ $f$ O APRESENTA EFEITO SOBRE O COMPORTAMENTO EXPLORATÓRIO DE CAMUNDONGOS ALBINOS (Mus musculus) NO LABIRINTO EM CRUZ ELEVADO. Revista Da Universidade Vale Do Rio Verde, 2014, , . | 0.1       | 1         |
| 878 | Neurobehavioral Assessment Models. , 2014, , 85-91.  |           | 0         |
| 879 | Effects of N-stearoylethanolamine on the emotionality and learning ability of rats. Fiziolohichnyi Zhurnal (Kiev, Ukraine: 1994), 2014, 60, 52-61.   | 0.6       | 0         |
| 880 | Modelos animales de miedo y ansiedad: descripciones neuro-conductuales. Actualidades En Psicologia: AP, 2014, 28, 1-12.  | 0.1       | 1         |
| 881 | Maternal deprivation of rat pups reduces body weight and alters behavior in adulthood in a gender-specific manner. Archives of Biological Sciences, 2015, 67, 131-138.   | 0.5       | 1         |
| 882 | Differential Effect of Unilateral Amygdalar GABA <sub>A</sub> Receptor Agonist Injection on Low- and High-Anxiety Rats. Journal of Behavioral and Brain Science, 2016, 06, 9-18.   | 0.5       | O         |
| 883 | Tests for Anxiolytic Activity., 2017, , 1-173.   |           | 0         |
| 885 | Behavioral Methods to Study the Impact of Receptor–Receptor Interactions in Fear and Anxiety.<br>Neuromethods, 2018, , 109-131.  | 0.3       | 0         |
| 887 | Pomegranate juice attenuates neurotoxicity and histopathological changes of the nervous system induced by aluminum in mice. Phytotherapie, 2018, 16, 133-141.  | 0.1       | 5         |
| 888 | MODERN METHODS OF ANXIETY ASSESSMENT of RODENTS BY TESTS BASED ON UNCONDITIONal BEHAVIOR MODELS. Kuban Scientific Medical Bulletin, 2018, 25, 171-176.   | 0.4       | 4         |
| 889 | EFEITOS DA RESTRIÇÃO HÃÐRICA E ALIMENTAR SOBRE A CORTICOSTERONA SÉRICA E A ANSIEDADE DE RAT WISTAR. Colloquium Vitae, 2019, 11, 12-21.   | OS<br>0.0 | 0         |
| 890 | Effects of particulate matter under behavioral, hematological and biochemical parameters in Wistar rats. Anales De BiologÃa, 2020, , 95-104.   | 0.4       | O         |
| 891 | Manipulation of vocal communication and anxiety through pharmacologic modulation of norepinephrine in the Pink1- $l$ - rat model of Parkinson disease. Behavioural Brain Research, 2022, 418, 113642.                    | 2.2       | 13        |
| 892 | The Effect of Memantine Administration on Anxiety Maintenance in Stressed Male Wistar Rats. Iranian Journal of Psychiatry and Behavioral Sciences, 2020, 13, .   | 0.4       | O         |
| 893 | Chemical composition and anxiolytic evaluation of Achillea Wilhelmsii C. Koch essential oil in rat. Research in Pharmaceutical Sciences, 2013, 8, 269-75.  | 1.8       | 16        |
| 894 | Synthesis and evaluation of the anxiolytic activity of some phthalimide derivatives in mice model of anxiety. Iranian Journal of Pharmaceutical Research, 2012, 11, 109-15.  | 0.5       | 5         |
| 895 | Anxiolytic-like effect of ethanolic extract of Argemone mexicana and its alkaloids in Wistar rats. Avicenna Journal of Phytomedicine, 2016, 6, 476-88.   | 0.2       | 4         |
| 896 | Anxiolytic-Like and Sedative Effects of (Boiss.) Alef. Flower Extract in the Laboratory Rat. Iranian Journal of Pharmaceutical Research, 2017, 16, 1495-1508.  | 0.5       | 4         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 897 | Evaluation of Anxiolytic and Antidepressant-like Activity of Aqueous Leaf Extract of ÂLinn. in Mice. Iranian Journal of Pharmaceutical Research, 2018, 17, 613-626.   | 0.5 | 13        |
| 898 | Neurobehavioral responses in swiss albino mice induced by an aqueous leaf extract from a medicinal plant named Heliotropium incanum Ruiz & Pav. Bioinformation, 2020, 16, 679-687.  | 0.5 | 0         |
| 899 | Conditional deletion of ROCK2 induces anxiety-like behaviors and alters dendritic spine density and morphology on CA1 pyramidal neurons. Molecular Brain, 2021, 14, 169.  | 2.6 | 4         |
| 901 | Long-term Effects of Maternal Separation on Anxiety-Like Behavior and Neuroendocrine Parameters in Adult Balb/c Mice. Chronic Stress, 2021, 5, 247054702110671.   | 3.4 | 14        |
| 902 | Neurobehavioral responses in swiss albino mice induced by an aqueous leaf extract from a medicinal plant named Heliotropium incanum ruiz & pav Bioinformation, 2020, 16, 679.   | 0.5 | 3         |
| 903 | Exogenous polyserine and polyleucine are toxic to recipient cells. Scientific Reports, 2022, 12, 1685.  | 3.3 | 6         |
| 904 | Lateral hypothalamic galanin neurons are activated by stress and blunt anxiety-like behavior in mice. Behavioural Brain Research, 2022, 423, 113773.  | 2.2 | 4         |
| 905 | Dietary Conjugated Linoleic Acid Reduces Body Weight and Fat in Snord116m+/pâ^ and Snord116mâ^'/pâ^'<br>Mouse Models of Prader–Willi Syndrome. Nutrients, 2022, 14, 860.  | 4.1 | 1         |
| 906 | Behavioral tests for evaluating the characteristics of brain diseases in rodent models: Optimal choices for improved outcomes (Review). Molecular Medicine Reports, 2022, 25, .   | 2.4 | 3         |
| 907 | Commonly-used rodent tests of anxiety-like behavior lack predictive validity for human sex differences. Psychoneuroendocrinology, 2022, 141, 105733.  | 2.7 | 19        |
| 912 | Behavioral Neuropharmacology. , 2008, , 369-372.  |     | 0         |
| 915 | Experimental Research. , 0, , 923-949.  |     | 0         |
| 916 | Social Deficits and Cerebellar Degeneration in Purkinje Cell Scn8a Knockout Mice. Frontiers in Molecular Neuroscience, 2022, 15, 822129.  | 2.9 | 2         |
| 917 | Early Life Exposure to a Diet With a Supramolecular Lipid Structure Close to That of Mammalian Milk Improves Early Life Growth, Skeletal Development, and Later Life Neurocognitive Function in Individually and Socially Housed Male C57BL/6J Mice. Frontiers in Neuroscience, 2022, 16, 838711. | 2.8 | 4         |
| 918 | Spinal Cord Injury Causes Prominent Tau Pathology Associated with Brain Post-Injury Sequela.<br>Molecular Neurobiology, 2022, 59, 4197-4208.  | 4.0 | 2         |
| 919 | Sex-specific role of sensory neuron LKB1 on metabolic stress-induced mechanical hypersensitivity and mitochondrial respiration. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 323, R227-R243.   | 1.8 | 2         |
| 920 | Continuous Ingestion of Lacticaseibacillus rhamnosus JB-1 during Chronic Stress Ensures Neurometabolic and Behavioural Stability in Rats. International Journal of Molecular Sciences, 2022, 23, 5173.  | 4.1 | 7         |
| 921 | Maturational and gender differences in rodent escape strategies: Possible implications for preclinical models of anxiety. Cognitive, Affective and Behavioral Neuroscience, 1999, 27, 513-520.  | 1.3 | 5         |

| #   | Article  | IF   | CITATIONS |
|-----|--|------|-----------|
| 922 | Behavioral effects and inflammatory markers in the brain and periphery after repeated social defeat stress burdened by Opisthorchis felineus infection in mice. Physiology and Behavior, 2022, , 113846.   | 2.1  | 1         |
| 923 | Blockade of the mineralocorticoid receptors in the medial prefrontal cortex prevents the acquisition of one-trial tolerance in mice. Behavioural Brain Research, 2022, , 113938.   | 2.2  | 0         |
| 924 | Dual pH and Temperature-Sensitive Nanogels Loaded with Eugenol for Regulating Central Nervous System. Journal of Biomedical Nanotechnology, 2022, 18, 860-867.   | 1.1  | 1         |
| 925 | Abnormal sensory perception masks behavioral performance of Grin1 knockdown mice. Genes, Brain and Behavior, 2022, 21, .   | 2.2  | 2         |
| 926 | Sex Differences In Avoidance Extinction After Contextual Fear Conditioning: Anxioescapic Behavior In Female Rats. Neuroscience, 2022, 497, 146-156.  | 2.3  | 17        |
| 928 | Levetiracetam Attenuates Adolescent Stress-induced Behavioral and Electrophysiological Changes<br>Associated With Schizophrenia in Adult Rats. Schizophrenia Bulletin, 2023, 49, 68-77.  | 4.3  | 7         |
| 929 | The central nucleus of the amygdala and the construction of defensive modes across the threat-imminence continuum. Nature Neuroscience, 2022, 25, 999-1008.  | 14.8 | 37        |
| 930 | Oxycodone decreases anxiety-like behavior in the elevated plus-maze test in male and female rats.<br>Behavioural Pharmacology, 2022, 33, 418-426.  | 1.7  | 14        |
| 931 | Stress during puberty exerts sex-specific effects on depressive-like behavior and monoamine neurotransmitters in adolescence and adulthood. Neurobiology of Stress, 2022, 21, 100494.  | 4.0  | 8         |
| 932 | Acute and long-term sex-dependent effects of social instability stress on anxiety-like and social behaviours in Wistar rats. Behavioural Brain Research, 2023, 438, 114180.  | 2.2  | 3         |
| 933 | Beyond the three-chamber test: toward a multimodal and objective assessment of social behavior in rodents. Molecular Autism, 2022, 13, .   | 4.9  | 28        |
| 935 | Effects of social isolation on 50-kHz ultrasonic vocalizations, affective state, cognition, and neurotransmitter concentrations in the ventral tegmental and locus coeruleus of adult rats. Behavioural Brain Research, 2023, 437, 114157.                         | 2.2  | 1         |
| 936 | Methamphetamine-induced locomotor sensitization in mice is not associated with deficits in a range of cognitive, affective and social behaviours: interaction with brain-derived neurotrophic factor Val66Met genotype. Behavioural Pharmacology, 2023, 34, 20-36. | 1.7  | 5         |
| 937 | Divergent neurocircuitry dissociates two components of the stress response: glucose mobilization and anxiety-like behavior. Cell Reports, 2022, 41, 111586.  | 6.4  | 5         |
| 938 | Enhanced social reward response and anxiety-like behavior with downregulation of nucleus accumbens glucocorticoid receptor in BALB/c mice. Journal of Veterinary Medical Science, 2023, 85, 30-39.   | 0.9  | 2         |
| 939 | Acute restraint stress impairs histamine type 2 receptor ability to increase the excitability of medium spiny neurons in the nucleus accumbens. Neurobiology of Disease, 2022, 175, 105932.  | 4.4  | 1         |
| 940 | Animal models of anxiety: a review. International Journal of Basic and Clinical Pharmacology, 2022, 12, 134.   | 0.1  | 1         |
| 941 | Pomegranate and Cognitive Performance: A Systematic Review. Current Pharmaceutical Design, 2023, 29, 928-939.  | 1.9  | 0         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 942 | Determination of D-serine and D-alanine Tissue Levels in the Prefrontal Cortex and Hippocampus of Rats After a Single Dose of Sodium Benzoate, a D-Amino Acid Oxidase Inhibitor, with Potential Antipsychotic and Antidepressant Properties. Neurochemical Research, 2023, 48, 2066-2076. | 3.3 | 3         |
| 943 | Developmental stage-specific exposure and neurotoxicity evaluation of low-dose clothianidin during neuronal circuit formation. Journal of Veterinary Medical Science, 2023, 85, 486-496.  | 0.9 | 3         |
| 944 | Long-term artificial/natural daytime light affects mood, melatonin, corticosterone, and gut microbiota in rats. Applied Microbiology and Biotechnology, 2023, 107, 2689-2705.   | 3.6 | 1         |
| 945 | BNST PKCδ neurons are activated by specific aversive conditions to promote anxiety-like behavior. Neuropsychopharmacology, 2023, 48, 1031-1041.   | 5.4 | 7         |
| 946 | Cognitive and Cellular Effects of Combined Organophosphate Toxicity and Mild Traumatic Brain Injury. Biomedicines, 2023, 11, 1481.  | 3.2 | 0         |
| 947 | Screening for Neuroprotective and Rapid Antidepressant-like Effects of 20 Essential Oils.<br>Biomedicines, 2023, 11, 1248.  | 3.2 | 13        |
| 948 | Ameliorative Effects of Zinc and Vitamin E on Physiological Changes after Exposure to Heavy Metal. , 0,   |     | 0         |
| 949 | miRNA-132/212 Deficiency Disrupts Selective Corticosterone Modulation of Dorsal vs. Ventral Hippocampal Metaplasticity. International Journal of Molecular Sciences, 2023, 24, 9565.  | 4.1 | 0         |
| 950 | Repeat mild traumatic brain injuries (RmTBI) modify nociception and disrupt orexinergic connectivity within the descending pain pathway. Journal of Headache and Pain, 2023, 24, .  | 6.0 | 1         |
| 952 | Exposure to an enriched environment exerts anxiolytic effects in Sardinian alcohol-preferring rats. Behavioural Brain Research, 2023, 452, 114557.  | 2.2 | 0         |
| 953 | Social buffering reduces fear expression in Wistar rats when tested in pairs, but not when retested alone. Neurobiology of Learning and Memory, 2023, 203, 107798.  | 1.9 | 0         |
| 955 | Transgenerational effects of developmental neurotoxicity induced by exposure to a no-observed-adverse-effect level (NOAEL) of neonicotinoid pesticide clothianidin. Journal of Veterinary Medical Science, 2023, 85, 1023-1029.   | 0.9 | 2         |
| 956 | Age-related changes in glutamic acid decarboxylase 1 gene expression in the medial prefrontal cortex and ventral hippocampus of fear-potentiated rats subjected to isolation stress. Behavioural Brain Research, 2023, 453, 114630.   | 2.2 | 2         |
| 957 | The hole-board apparatus in the study of anxiety. Physiology and Behavior, 2023, 271, 114346.   | 2.1 | 0         |
| 958 | Evidence for the existence of facilitatory interactions between the dopamine D2 receptor and the oxytocin receptor in the amygdala of the rat. Relevance for anxiolytic actions. Frontiers in Pharmacology, $0, 14, .$  | 3.5 | 1         |
| 959 | A mild stressor induces short-term anxiety and long-term phenotypic changes in trauma-related behavior in female rats. Frontiers in Behavioral Neuroscience, 0, 17, .   | 2.0 | 0         |
| 960 | Role of environmental enrichment on social interaction, anxiety, locomotion, and memory in Wistar rats under chronic methylphenidate intake. Frontiers in Behavioral Neuroscience, 0, 17, .   | 2.0 | 0         |
| 961 | Psilocybin analog 4-OH-DiPT enhances fear extinction and GABAergic inhibition of principal neurons in the basolateral amygdala. Neuropsychopharmacology, 0, , .   | 5.4 | 2         |

| #   | Article  | IF                  | CITATIONS             |
|-----|--|---------------------|-----------------------|
| 962 | Improving Translational Relevance in Preclinical Psychopharmacology (iTRIPP). Journal of Psychopharmacology, $0,  ,  .$  | 4.0                 | 0                     |
| 963 | Mucuna pruriens (Velvet bean) seed extract ameliorates epilepsy and anxiety against in vivo experimental models: A histopathological analysis. Revista Colombiana De Ciencias QuÃmico Farmacà ©uticas, 2023, 52, .                               | 0.1                 | 0                     |
| 964 | Activation of mediodorsal thalamic dopamine receptors inhibited nicotine-induced anxiety in rats: A possible role of corticolimbic NMDA neurotransmission and BDNF expression. Pharmacology Biochemistry and Behavior, 2023, 232, 173650.        | 2.9                 | 0                     |
| 965 | 行動ã®ç¥žçμŒå›žè·¯å^¶å¾¡ã«é−¢ã™ã¸‹ç"ç©¶æ³•ã®æŠ€è¡"驿−°ã•å†è§£é‡î. Japanese Journal of Animal Psyc   | ch <b>olo</b> gy, 2 | .0 <b>2</b> 8, 73, 21 |
| 967 | Involvement of the serotoninergic system in the anxiolytic action mechanism of a liposomal formulation containing nimodipine (NMD-Lipo). Pharmacology Biochemistry and Behavior, 2023, 232, 173654.  | 2.9                 | 0                     |
| 968 | Acute anxiogenic effects of escitalopram are associated with mild alterations in D-amphetamine-induced behavior and social approach evoked by playback of 50-kHz ultrasonic vocalizations in rats. Neuropharmacology, 2023, 241, 109734.         | 4.1                 | 0                     |
| 969 | Computational, Molecular modelling and Anxiolytic potential of 5-HT3 receptor antagonist. Research Journal of Pharmacy and Technology, 2023, , 3075-3078.  | 0.8                 | 0                     |
| 970 | Comparison of exploratory behavior of male and female woodlice (Armadillidium vulgare). Brazilian Journal of Medical and Biological Research, 0, 56, .   | 1.5                 | 0                     |
| 971 | Neuroprotective effects of trigonelline in kainic acid-induced epilepsy: Behavioral, biochemical, and functional insights. Saudi Pharmaceutical Journal, 2023, 31, 101843.   | 2.7                 | 1                     |
| 972 | Sertraline associated with gold nanoparticles reduce cellular toxicity and induce sex-specific responses in behavior and neuroinflammation biomarkers in a mouse model of anxiety. Pharmacology Biochemistry and Behavior, 2023, 233, 173661.    | 2.9                 | 0                     |
| 973 | A role for the subthalamic nucleus in aversive learning. Cell Reports, 2023, 42, 113328.   | 6.4                 | 1                     |
| 975 | Alternate-day fasting ameliorated anxiety-like behavior in high-fat diet-induced obese mice. Journal of Nutritional Biochemistry, 2024, 124, 109526.   | 4.2                 | 0                     |
| 976 | Differential Pharmacokinetic Interplay of Atorvastatin on Lacosamide and Levetiracetam on Experimental Convulsions in Mice. Current Drug Metabolism, 2023, 24, 645-655.  | 1.2                 | 0                     |
| 977 | Three methods of behavioural testing to measure anxiety – A review. Behavioural Processes, 2024, 215, 104997.  | 1.1                 | 1                     |
| 978 | Chronic exposure to imipramine induces a switch from depression-like to mania-like behavior in female serotonin transporter knockout rats: Role of BDNF signaling in the infralimbic cortex. Journal of Affective Disorders, 2024, 351, 128-142. | 4.1                 | 0                     |
| 979 | Anxiolytic effects of Dichrocephala integrifolia leaf aqueous extract on alcohol withdrawal-induced anxiety in mice: Involvement of the GABAergic pathway. Scientific African, 2024, 23, e02124.   | 1.5                 | 0                     |