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Anxiolytic and anxiogenic drug effects on exploratory activity in an elevated plus-maze: a novel test of anxiety in the rat

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1203	Lack of cross-tolerance in mice between the stimulatory and depressant actions of novel anxiolytics in the holeboard. <b>1987</b> , 23, 159-66		9
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1197	Pharmacological profiles in vivo of benzodiazepine receptor ligands. <b>1988</b> , 12, 1-28		53
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475	Developmental exposure to <i>Passiflora incarnata</i> induces behavioural alterations in the male progeny. <b>2013</b> , 25, 782-9		6
474	The involvement of magnoflorine in the sedative and anxiolytic effects of <i>Sinomeni Caulis et Rhizoma</i> in mice. <b>2013</b> , 67, 814-21		26
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470	Use of the light/dark test for anxiety in adult and adolescent male rats. <b>2013</b> , 256, 119-27		72
469	GABA-A receptor modulators alter emotionality and hippocampal theta rhythm in an animal model of long-lasting anxiety. <b>2013</b> , 1532, 21-31		13
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467	Serotonin depletion counteracts sex differences in anxiety-related behaviour in rat. <b>2013</b> , 230, 29-35		17
466	Peripuberty stress leads to abnormal aggression, altered amygdala and orbitofrontal reactivity and increased prefrontal MAOA gene expression. <b>2013</b> , 3, e216		156
465	Branched-chain amino acids alter neurobehavioral function in rats. <b>2013</b> , 304, E405-13		34
464	Assessment of the abuse potential of MDMA in the conditioned place preference paradigm: role of CB1 receptors. <b>2013</b> , 47, 77-84		15
463	Morphine dependence is associated with changes in neuropeptide S receptor expression and function in rat brain. <b>2013</b> , 46, 6-12		11
462	Involvement of NR1, NR2A different expression in brain regions in anxiety-like behavior of prenatally stressed offspring. <b>2013</b> , 257, 1-7		50
461	Modulation of ventral tegmental area dopamine receptors inhibit nicotine-induced anxiogenic-like behavior in the central amygdala. <b>2013</b> , 41, 11-7		9
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457	Long-lasting effects of minocycline on behavior in young but not adult Fragile X mice. <b>2013</b> , 246, 186-98		65
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455	Modulation of anxiety-like behavior by the endocannabinoid 2-arachidonoylglycerol (2-AG) in the dorsolateral periaqueductal gray. <b>2013</b> , 252, 10-7		29
454	Mechanism-based anti-anxiety effects of polysaccharides extracted from shudihuang (radix rehmanniae preparata) by two-dimensional electrophoresis analysis in rat hippocampus proteins. <b>2013</b> , 33, 524-30		20

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450	Adolescent male rats are less sensitive than adults to the anxiogenic and serotonin-releasing effects of fenfluramine. <b>2013</b> , 65, 213-22	22
449	Animal models of post-traumatic stress disorder. <b>2013</b> , Chapter 9, Unit 9.45	36
448	Effects of circadian phase and melatonin injection on anxiety-like behavior in nocturnal and diurnal rodents. <b>2013</b> , 30, 828-36	26
447	Characterization of the anxiolytic and sedative profile of JM-20: a novel benzodiazepine-dihydropyridine hybrid molecule. <b>2013</b> , 35, 804-12	17
446	Prediction of relaxin-3-induced downstream pathway resulting in anxiolytic-like behaviors in rats based on a microarray and peptidome analysis. <b>2013</b> , 33, 224-33	17
445	The ethanol extract of <i>Cirsium japonicum</i> increased chloride ion influx through stimulating GABA(A) receptor in human neuroblastoma cells and exhibited anxiolytic-like effects in mice. <b>2013</b> , 7, 18-23	12
444	Evaluation of functional relationship between mouse hippocampal cholinergic and nitrenergic systems in anxiogenic-like behavior. <b>2013</b> , 24, 229-36	3
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442	Placebo Analgesia in Rodents. <b>2013</b> , 15-24	
441	Animal models of anxiety disorders and stress. <b>2013</b> , 35 Suppl 2, S101-11	213
440	Involvement of histaminergic system in the anxiolytic-like activities of <i>Morus alba</i> leaves in mice. <b>2013</b> , 36, 1692-9	3
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438	Effect of TiO <sub>2</sub> nanoparticles on emotional behavior and biochemical parameters in adult Wistar rats. <b>2013</b> , 32, 229-34	4
437	Searching for Biological Markers of Personality: Are There Neuroendocrine Markers of Anxiety?. <b>2013</b> ,	
436	Evaluation of hydro-alcoholic extract of leaves of <i>Boerhaavia diffusa</i> for anxiolytic activity in rats. <b>2013</b> , 7, 1071-1074	4

435	Effects of caffeine or RX821002 in rats with a neonatal ventral hippocampal lesion. <b>2014</b> , 8, 15	3
434	Structured evaluation of rodent behavioral tests used in drug discovery research. <b>2014</b> , 8, 252	77
433	Neonatal stress-induced affective changes in adolescent Wistar rats: early signs of schizophrenia-like behavior. <b>2014</b> , 8, 319	20
432	Behavioral and memory changes in <i>Mus musculus</i> coinfectd by <i>Toxocara canis</i> and <i>Toxoplasma gondii</i> . <b>2014</b> , 56, 353-6	9
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429	The combination of metyrapone and oxazepam for the treatment of cocaine and other drug addictions. <b>2014</b> , 69, 419-79	8
428	Prenatal exposure to lamotrigine: effects on postnatal development and behaviour in rat offspring. <b>2014</b> , 2014, 163459	5
427	Sex-dependent effects of an early life treatment in rats that increases maternal care: vulnerability or resilience?. <b>2014</b> , 8, 56	32
426	Sex-specific behavioral traits in the <i>Brd2</i> mouse model of juvenile myoclonic epilepsy. <b>2014</b> , 13, 702-12	15
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421	Prodepressive effect induced by microinjections of MCH into the dorsal raphe: time course, dose dependence, effects on anxiety-related behaviors, and reversion by nortriptyline. <b>2014</b> , 25, 316-24	21
420	Sedative and anxiolytic effects of ethanolic extract of <i>Calotropis gigantea</i> (Asclepiadaceae) leaves. <b>2014</b> , 4, S400-4	5
419	Investigation of in vivo neuropharmacological effect of <i>Alpinia nigra</i> leaf extract. <b>2014</b> , 4, 137-42	9
418	Dentin hypersensitivity induces anxiety and increases corticosterone serum levels in rats. <b>2014</b> , 98, 96-102	12

417	Influence of trait anxiety on the effects of acute stress on learning and retention of the passive avoidance task in male and female mice. <b>2014</b> , 105, 6-14	11
416	Neuropsychopharmacology of a therapeutically used <i>Andrographis paniculata</i> extract: a preclinical study. <b>2014</b> , 14, 181-191	8
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414	Effect of a selective cyclooxygenase type 2 inhibitor celecoxib on depression associated with obesity in mice: an approach using behavioral tests. <b>2014</b> , 39, 1395-402	11
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411	Neuroprotective effect of <i>Prunus avium</i> on streptozotocin induced neurotoxicity in mice. <b>2014</b> , 4, 519-525	9
410	Behavioral and neuroendocrine consequences of juvenile stress combined with adult immobilization in male rats. <b>2014</b> , 66, 475-86	18
409	Neurons are recruited to a memory trace based on relative neuronal excitability immediately before training. <b>2014</b> , 83, 722-35	231
408	Long-lasting anxiolytic effect of neural precursor cells freshly prepared but not neurosphere-derived cell transplantation in newborn rats. <b>2014</b> , 15, 94	4
407	Single dose of H3 receptor antagonist--ciproxifan--abolishes negative effects of chronic stress on cognitive processes in rats. <b>2014</b> , 231, 209-19	14
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402	Essential elements in depression and anxiety. Part I. <b>2014</b> , 66, 534-44	80
401	Postnatal fluoxetine-evoked anxiety is prevented by concomitant 5-HT2A/C receptor blockade and mimicked by postnatal 5-HT2A/C receptor stimulation. <b>2014</b> , 76, 858-68	35
400	Telmisartan attenuates cognitive impairment caused by chronic stress in rats. <b>2014</b> , 66, 436-41	34

399	Functional antagonism between nociceptin/orphanin FQ and corticotropin-releasing factor in rat anxiety-related behaviors: involvement of the serotonergic system. <b>2014</b> , 48, 189-97	24
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391	Antinociceptive and neuropharmacological activities of methanol extract of <i>Phoenix sylvestris</i> fruit pulp. <b>2015</b> , 6, 212	19
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384	Antianxiety effect of Tong Luo Jiu Nao, traditional Chinese medicinal preparation, in rats. <b>2015</b> , 13, 33-38	1
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361	Valproic Acid Exposure during Early Postnatal Gliogenesis Leads to Autistic-like Behaviors in Rats. <b>2016</b> , 14, 338-344	23
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353	Pyridofuopyrrolo[1,2-a]pyrimidines and pyridofuopyrimido[1,2-a]azepines: new chemical entities (NCE) with anticonvulsive and psychotropic properties. <b>2016</b> , 6, 49028-49038	12
352	Vasopressin differentially modulates aggression and anxiety in adolescent hamsters administered anabolic steroids. <b>2016</b> , 86, 55-63	7
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339	Overexpression of Telomerase Reverse Transcriptase Induces Autism-like Excitatory Phenotypes in Mice. <b>2016</b> , 53, 7312-7328	13
338	Anxiety Evokes Hypofrontality and Disrupts Rule-Relevant Encoding by Dorsomedial Prefrontal Cortex Neurons. <b>2016</b> , 36, 3322-35	34
337	In search of predictive endophenotypes in addiction: insights from preclinical research. <b>2016</b> , 15, 74-88	76
336	ADN-1184, a monoaminergic ligand with 5-HT <sub>6/7</sub> receptor antagonist action, exhibits activity in animal models of anxiety. <b>2016</b> , 389, 593-602	10
335	Individual behavioral and neurochemical markers of unadapted decision-making processes in healthy inbred mice. <b>2016</b> , 221, 4615-4629	27
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333	Neurobehavioral effects of liraglutide and sitagliptin in experimental models. <b>2016</b> , 774, 64-70	23
332	Anxiolytic activity and active principles of Piper amalago (Piperaceae), a medicinal plant used by the Q'eqchi' Maya to treat susto, a culture-bound illness. <b>2016</b> , 185, 147-54	13
331	Ethanol withdrawal induces anxiety-like effects: Role of nitric oxide synthase in the dorsal raphe nucleus of rats. <b>2016</b> , 52, 1-8	7
330	Behavioral effects of Citrus paradisi in rats. <b>2016</b> , 31, 329-35	4
329	A modified beam-walking apparatus for assessment of anxiety in a rodent model of blast traumatic brain injury. <b>2016</b> , 296, 149-156	9
328	Ventral hippocampal histamine increases the frequency of evoked theta rhythm but produces anxiolytic-like effects in the elevated plus maze. <b>2016</b> , 106, 146-55	6

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325	Impact of anxiety on prefrontal cortex encoding of cognitive flexibility. <b>2017</b> , 345, 193-202	78
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314	Aloe vera gel improves behavioral deficits and oxidative status in streptozotocin-induced diabetic rats. <b>2017</b> , 96, 279-290	29
313	Modulating Effects of Cholecalciferol Treatment on Estrogen Deficiency-Induced Anxiety-Like Behavior of Adult Female Rats. <b>2017</b> , 59, 139-158	6
312	The role of CA3 GABA receptors on anxiolytic-like behaviors and avoidance memory deficit induced by D-AP5 with respect to Ca ions. <b>2017</b> , 79, 515-524	3
311	Estimation of in vivo neuropharmacological and in vitro antioxidant effects of Tetracera sarmentosa. <b>2017</b> , 3, 1300990	2
310	Investigation of in vitro thrombolytic and anti-helminthic activity and in vivo anxiolytic and antidepressant potentiality with phytochemical nature of methanolic extract of Leucas lavandulifolia. <b>2017</b> , 6, 61-66	8

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297	Sacred Maya incense, copal (Protium copal - Burseraceae), has antianxiety effects in animal models. <b>2018</b> , 216, 63-70	11
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