

Supplementary digital content

REVIEW OF ANXIETY MODELS USED IN 2010-2011.

LEGEND

Type of the study. Here we categorize the study according to its major aim or major finding as follows:

anxiogenic effects, the compound had effects opposite to expectations; detection of anxiolytic effect, anxiolytic effects were noticed but no suggestion was formulated for use as anxiolytics; established anxiolytic, well-known anxiolytics studied for various reasons; no effect on anxiety, the compound did not fulfil expectations; mechanism, studies employing anxiolytic treatments but addressing developmental issues, neural mechanisms, drug interactions etc.; putative novel anxiolytic, the authors suggested the compound for anxiolytic drug development; (H), the tested compound was an herbal extract; (Ho), purified or synthesized compound of herbal origin.

Anxiety tests. The tests listed in Table 1 were considered 'classical' for the reasons specified in the Abstract.

Modifier. Tests are sometimes performed under unconventional conditions to induce heightened levels of anxiety and by this to increase the translational value of the test. Procedures that altered (usually increased) anxiety levels normally shown in the given test were categorized as follows.

chemical, hormonal or pharmacological treatments (e.g. ovariectomy, drug administration in adolescence, etc.); condition, modified testing conditions (e.g. high lighting, no habituation to the testing room, etc.); neural, treatments that affect neural functions (e.g. brain lesions, inhibited neurogenesis); selection, subjects from selection lines, specific strains, etc; stress, subjects exposed to stressors with long-lasting consequences (e.g. chronic immobility, drug withdrawal, etc); subject, the use of specific subjects classes (aged subjects, females, etc.); transgenic, the effects of drugs were studied in genetically engineered subjects.

References. The analysis was performed at experiment level, because one and the same study often reports several experiments that were performed under different conditions.

Type of study	Anxiety test	Modifier	SPECIES	Reference
detection of anxiolytic effect	elevated plus-maze		0 mouse	[101]
detection of anxiolytic effect	elevated Y-maze		0 mouse	[101]
putative novel anxiolytic (H)	elevated plus-maze		0 mouse	[102]
putative novel anxiolytic (H)	holeboard		0 mouse	[102]
putative novel anxiolytic (H)	open-field		0 mouse	[102]
mechanism	open-field	chemical	mouse	[103]
detection of anxiolytic effect	elevated plus-maze		0 rat	[104]
detection of anxiolytic effect	light/dark box		0 rat	[104]
detection of anxiolytic effect	open-field		0 rat	[104]

putative novel anxiolytic	elevated plus-maze	stress	rat	[105]
putative novel anxiolytic	elevated zero-maze	stress	rat	[105]
putative novel anxiolytic	conditioned fear		0 rat	[106]
putative novel anxiolytic	elevated plus-maze		0 rat	[106]
putative novel anxiolytic	fear-potentiated startle		0 rat	[106]
putative novel anxiolytic	conditioned drinking suppression		0 rat	[106]
detection of anxiolytic effect	Vogel		0 mouse	[107]
detection of anxiolytic effect	Vogel		0 rat	[107]
established anxiolytic	elevated plus-maze	stress	mouse	[108]
mechanism	elevated plus-maze	transgenic	mouse	[109]
established anxiolytic	Vogel		0 rat	[110]
putative novel anxiolytic	elevated plus-maze	chemical	rat	[111]
mechanism	four plate		0 mouse	[112]
detection of anxiolytic effect (H)	social interaction	chemical	mouse	[113]
no effect on anxiety (H)	elevated plus-maze		0 mouse	[114]
no effect on anxiety (H)	elevated plus-maze		0 mouse	[115]
no effect on anxiety (H)	open-field		0 mouse	[115]
mechanism	elevated plus-maze		0 mouse	[116]
mechanism	mouse defense test battery		0 mouse	[116]
mechanism	open-field	chemical	rat	[117]
detection of anxiolytic effect	avoidance, passive		0 rat	[118]
detection of anxiolytic effect	social interaction		0 rat	[118]
detection of anxiolytic effect	vocalization, ultrasonic, shock-induced		0 rat	[118]
mechanism	four plate		0 mouse	[119]
established anxiolytic	light/dark box		0 gerbil	[120]
established anxiolytic	elevated plus-maze		0 rat	[121]
established anxiolytic	elevated zero maze		0 rat	[121]
mechanism	elevated plus-maze	transgenic	mouse	[122]
established anxiolytic	swimming (3D swimpath)		0 zebra fish	[123]
mechanism	holeboard	stress	rat	[124]

mechanism	elevated T-maze	0	rat	[125]
established anxiolytic	elevated plus-maze	chemical	rat	[126]
no effect on anxiety	elevated plus-maze	0	rat	[127]
no effect on anxiety	open-field	0	rat	[127]
mechanism	elevated plus-maze	0	rat	[128]
detection of anxiolytic effect	defensive burying	selection	rat	[129]
detection of anxiolytic effect	novelty-induced hypophagia	selection	rat	[129]
putative novel anxiolytic	defensive burying	0	rat	[130]
putative novel anxiolytic	novelty-induced hypophagia	0	rat	[130]
putative novel anxiolytic	marble burying	0	mouse	[131]
mechanism	open-field	transgenic	mouse	[132]
mechanism	social interaction	transgenic	mouse	[132]
detection of anxiolytic effect	elevated plus-maze	0	mouse	[133]
detection of anxiolytic effect	open-field	0	mouse	[133]
detection of anxiolytic effect	elevated plus-maze	0	mouse	[134]
detection of anxiolytic effect	novelty-induced hypophagia	0	mouse	[134]
mechanism	holeboard	stress	rat	[135]
detection of anxiolytic effect	elevated plus-maze	condition	rat	[136]
detection of anxiolytic effect	open-field	condition	rat	[136]
putative novel anxiolytic	elevated plus-maze	0	rat	[137]
putative novel anxiolytic	four plate	0	mouse	[138]
mechanism	elevated T-maze	0	rat	[139]
established anxiolytic	social proximity	transgenic	mouse	[140]
detection of anxiolytic effect (H)	elevated plus-maze	0	mouse	[141]
mechanism	Vogel	0	mouse	[142]
anxiogenic effects	elevated plus-maze	chemical	rat	[143]
mechanism	elevated plus-maze	stress	rat	[144]
mechanism	open-field	stress	rat	[144]
putative novel anxiolytic (H)	elevated plus-maze	0	mouse	[145]
anxiogenic effects (H)	elevated plus-maze	0	rat	[146]

established anxiolytic	open space test	0	mouse	[147]
mechanism	conditioned fear	transgenic	mouse	[148]
mechanism	elevated plus-maze	0	rat	[149]
detection of anxiolytic effect (H)	light/dark box	0	mouse	[150]
mechanism	elevated plus-maze	0	rat	[151]
mechanism	elevated plus-maze	0	rat	[152]
detection of anxiolytic effect (H)	elevated plus-maze	0	rat	[153]
detection of anxiolytic effect (H)	light/dark box	0	rat	[153]
mechanism (H)	elevated plus-maze	0	rat	[154]
mechanism (H)	open-field	0	rat	[154]
mechanism	elevated plus-maze	0	rat	[155]
mechanism	elevated plus-maze	0	rat	[156]
putative novel anxiolytic	marble burying	0	mouse	[157]
putative novel anxiolytic	stress-induced elevation of cerebellar cGMP	0	mouse	[157]
putative novel anxiolytic	stress-induced hyperthermia	0	mouse	[157]
mechanism	elevated plus-maze	transgenic	mouse	[158]
mechanism	light/dark box	transgenic	mouse	[158]
mechanism	social interaction	transgenic	mouse	[158]
detection of anxiolytic effect	conflict procedure (in a multiple schedule of reinforcement, rhesus)	0	rhesus monkey	[159]
established anxiolytic	behavioral monitoring, displacement activities	0	rhesus monkey	[160]
detection of anxiolytic effect (Ho)	elevated plus-maze	stress	rat	[161]
mechanism (H)	elevated plus-maze	neural	rat	[162]
no effect on anxiety	elevated plus-maze	0	rat	[163]
detection of anxiolytic effect (H)	elevated plus-maze	0	rat	[164]
detection of anxiolytic effect (H)	open-field	0	rat	[164]
established anxiolytic	elevated plus-maze	0	Syrian hamster	[165]
established anxiolytic	open-field	0	Syrian hamster	[165]
established anxiolytic	enclosed T-test (hamsters)	0	Syrian hamster	[165]
established anxiolytic	novelty-suppressed feeding (Thatcher–Britton)	0	Syrian hamster	[165]
established anxiolytic	elevated plus-maze	condition	rat	[166]

established anxiolytic	elevated plus-maze	transgenic	mouse	[167]
established anxiolytic	light/dark box	transgenic	mouse	[167]
established anxiolytic	open-field	transgenic	mouse	[167]
established anxiolytic	avoidance, passive	transgenic	mouse	[168]
established anxiolytic	light/dark box	transgenic	mouse	[168]
established anxiolytic	elevated plus-maze	condition	rat	[169]
putative novel anxiolytic	light/dark box	0	mouse	[170]
mechanism	elevated plus-maze	stress	mouse	[171]
mechanism	light/dark box	stress	mouse	[171]
detection of anxiolytic effect (H)	elevated plus-maze	stress	mouse	[172]
detection of anxiolytic effect (H)	light/dark box	stress	mouse	[172]
detection of anxiolytic effect (H)	open-field	stress	mouse	[172]
detection of anxiolytic effect (H)	social interaction	stress	mouse	[172]
mechanism	elevated plus-maze	0	rat	[173]
mechanism	Vogel	0	rat	[173]
putative novel anxiolytic (Ho)	elevated plus-maze	0	mouse	[174]
putative novel anxiolytic (Ho)	holeboard	0	mouse	[174]
putative novel anxiolytic (Ho)	open-field	0	mouse	[174]
mechanism	swimming (light/dark choice)	0	zebra fish	[175]
mechanism	swimming (novel tank)	0	zebra fish	[175]
putative novel anxiolytic (H)	elevated plus-maze	0	rat	[176]
putative novel anxiolytic (H)	social interaction	0	rat	[176]
putative novel anxiolytic (H)	stress-induced social avoidance	0	rat	[176]
established anxiolytic	elevated plus-maze	transgenic	mouse	[177]
mechanism	open-field	transgenic	mouse	[178]
detection of anxiolytic effect	open-field	0	rat	[179]
detection of anxiolytic effect	ethological' measures elevated plus-maze	0	rat	[179]
mechanism	conditioned fear	0	rat	[180]
mechanism	elevated plus-maze	0	rat	[181]
mechanism	conditioned fear	0	rat	[182]

mechanism	elevated plus-maze	0	rat	[182]
putative novel anxiolytic (H)	elevated plus-maze	0	mouse	[183]
putative novel anxiolytic (H)	open-field	0	mouse	[183]
established anxiolytic	elevated plus-maze	transgenic	mouse	[184]
detection of anxiolytic effect	social interaction	0	mouse	[185]
detection of anxiolytic effect	Vogel	0	mouse	[185]
mechanism	conditioned fear	0	rat	[186]
mechanism	conditioned defensive burying	0	rat	[187]
established anxiolytic	defensive burying	0	rat	[188]
mechanism	conditioned fear	transgenic	mouse	[189]
mechanism	conditioned fear	transgenic	mouse	[189]
mechanism	elevated plus-maze	transgenic	mouse	[189]
detection of anxiolytic effect (H)	elevated plus-maze	0	rat	[190]
detection of anxiolytic effect	elevated plus-maze	0	mouse	[191]
putative novel anxiolytic	elevated plus-maze	0	mouse	[192]
putative novel anxiolytic	marble burying	0	rat	[193]
putative novel anxiolytic	autonomic responses to ultrasonic stimulation	0	rat	[194]
putative novel anxiolytic (H)	ethological' measures elevated plus-maze	0	mouse	[195]
mechanism	elevated plus-maze	0	rat	[196]
detection of anxiolytic effect (Ho)	elevated plus-maze	0	mouse	[197]
detection of anxiolytic effect (Ho)	light/dark box	0	mouse	[197]
mechanism	elevated plus-maze	subject	rat	[198]
mechanism	light/dark box	subject	rat	[198]
mechanism	elevated plus-maze	chemical	mouse	[199]
established anxiolytic	elevated plus-maze	0	mouse	[200]
established anxiolytic	open-field	0	mouse	[200]
established anxiolytic	emergence test	0	mouse	[200]
mechanism	elevated plus-maze	selection	rat	[201]
putative novel anxiolytic	elevated plus-maze	0	mouse	[202]
putative novel anxiolytic	light/dark box	0	mouse	[202]

putative novel anxiolytic	marble burying	0	mouse	[203]
established anxiolytic	elevated plus-maze	transgenic	mouse	[204]
established anxiolytic	novelty-induced grooming	transgenic	mouse	[204]
established anxiolytic	conditioned fear	selection	rat	[205]
anxiogenic effects (H)	elevated plus-maze	0	rat	[206]
detection of anxiolytic effect	elevated plus-maze	chemical	rat	[207]
detection of anxiolytic effect (H)	elevated plus-maze	0	mouse	[208]
established anxiolytic	elevated plus-maze	transgenic	mouse	[209]
established anxiolytic	open-field	transgenic	mouse	[209]
mechanism	elevated plus-maze	transgenic	mouse	[210]
mechanism	open-field	transgenic	mouse	[210]
putative novel anxiolytic (H)	light/dark box	0	mouse	[211]
putative novel anxiolytic (H)	social interaction	0	mouse	[211]
detection of anxiolytic effect	elevated plus-maze	0	mouse	[212]
detection of anxiolytic effect	open-field	0	mouse	[212]
detection of anxiolytic effect	social interaction	0	mouse	[212]
mechanism	elevated plus-maze	0	mouse	[213]
mechanism	open-field	transgenic	mouse	[214]
mechanism	ethological' measures elevated plus-maze	transgenic	mouse	[214]
mechanism	elevated plus-maze	transgenic	mouse	[215]
mechanism	social interaction	transgenic	mouse	[215]
detection of anxiolytic effect (Ho)	light/dark box	0	mouse	[216]
detection of anxiolytic effect (Ho)	open-field	0	mouse	[216]
no effect on anxiety	elevated plus-maze	0	mouse	[217]
mechanism	elevated plus-maze	subject	rat	[218]
mechanism	open-field	subject	rat	[218]
mechanism	emergence test	subject	rat	[218]
detection of anxiolytic effect (Ho)	light/dark box	0	mouse	[219]
detection of anxiolytic effect (Ho)	open-field	0	mouse	[219]
mechanism	ethological' measures elevated plus-maze	0	rat	[220]

established anxiolytic	holeboard	0	rat	[221]
detection of anxiolytic effect	elevated plus-maze	0	rat	[222]
detection of anxiolytic effect	light/dark box	0	rat	[222]
mechanism	swimming (light/dark choice)	0	zebra fish	[223]
mechanism	swimming (novel tank)	0	zebra fish	[223]
putative novel anxiolytic (Ho)	elevated plus-maze	0	mouse	[224]
detection of anxiolytic effect (H)	defensive burying	0	rat	[225]
mechanism	behavioral monitoring, social behavior	0	rhesus monkey	[226]
mechanism	vocalizations, ultrasonic, isolation-induced, pup	0	rat	[227]
putative novel anxiolytic	social interaction	0	gerbil	[228]
putative novel anxiolytic	stress-induced foot-tapping	0	gerbil	[228]
detection of anxiolytic effect (H)	holeboard	0	mouse	[229]
detection of anxiolytic effect (H)	marble burying	0	mouse	[229]
mechanism	elevated plus-maze	0	mouse	[230]
mechanism	elevated plus-maze	neural	rat	[231]
mechanism	open-field	neural	rat	[231]
mechanism	elevated T-maze	neural	rat	[231]
detection of anxiolytic effect	conditioned fear	0	mouse	[232]
detection of anxiolytic effect	elevated open platform	0	mouse	[232]
putative novel anxiolytic	elevated plus-maze	subject	rat	[233]
mechanism	elevated plus-maze	chemical	rat	[234]
putative novel anxiolytic	avoidance, active	0	rat	[235]
established anxiolytic	elevated zero-maze	0	mouse	[236]
established anxiolytic	social interaction	stress	mouse	[237]
established anxiolytic	conditioned fear	0	rat	[238]
mechanism	elevated plus-maze	selection	rat	[239]
mechanism	light/dark box	selection	rat	[239]
detection of anxiolytic effect (H)	elevated plus-maze	0	rat	[241]
detection of anxiolytic effect (H)	open-field	0	rat	[241]
mechanism	elevated plus-maze	chemical	mouse	[242]

mechanism	open-field	transgenic	mouse	[243]
mechanism	social interaction, three chamber	transgenic	mouse	[243]
putative novel anxiolytic (H)	ethological' measures elevated plus-maze	0	rat	[244]
mechanism	elevated plus-maze	subject	rat	[245]
mechanism	elevated plus-maze	0	mouse	[246]
mechanism	open-field	0	mouse	[246]
putative novel anxiolytic (H)	elevated plus-maze	0	rat	[247]
mechanism (H)	avoidance, passive	0	rat	[248]
mechanism	elevated plus-maze	0	mouse	[249]
mechanism	elevated plus-maze	transgenic	mouse	[250]
mechanism	light/dark box	transgenic	mouse	[250]
mechanism	open-field	transgenic	mouse	[250]
detection of anxiolytic effect	conditioned fear	0	rat	[251]
detection of anxiolytic effect (H)	elevated plus-maze	0	mouse	[252]
detection of anxiolytic effect (H)	holeboard	0	mouse	[252]
established anxiolytic	conditioned auditory evoked potentials	selection	rat	[253]
putative novel anxiolytic (H)	elevated plus-maze	neural	rat	[254]
putative novel anxiolytic (H)	light/dark box	neural	rat	[254]
putative novel anxiolytic (H)	open-field	neural	rat	[254]
established anxiolytic	no anxiety test performed	0	mouse	[255]
established anxiolytic	novelty-induced hypophagia	transgenic	mouse	[256]
established anxiolytic	elevated zero-maze	transgenic	mouse	[256]
established anxiolytic	marble burying	transgenic	mouse	[256]
putative novel anxiolytic	social interaction	selection	rat	[257]
established anxiolytic	behavioral monitoring, spontaneous behavior, novel cage	stress	rat	[258]
detection of anxiolytic effect (Ho)	elevated plus-maze	chemical	rat	[259]
detection of anxiolytic effect (Ho)	open-field	chemical	rat	[259]
mechanism	light/dark box	transgenic	mouse	[260]
mechanism	open-field	transgenic	mouse	[260]
established anxiolytic	Geller-Seifter task	0	rat	[261]

established anxiolytic	elevated plus-maze	0	mouse	[262]
established anxiolytic	mirror chamber	0	mouse	[262]
detection of anxiolytic effect (H)	light/dark box	stress	mouse	[263]
putative novel anxiolytic	elevated plus-maze	0	mouse	[264]
detection of anxiolytic effect	Vogel	0	mouse	[265]
established anxiolytic	elevated plus-maze	transgenic	mouse	[266]
established anxiolytic	elevated zero-maze	transgenic	mouse	[266]
established anxiolytic	mouse defense test battery	transgenic	mouse	[266]
established anxiolytic mechanism	open-field	selection	mouse	[267]
	elevated plus-maze	0	mouse	[268]
putative novel anxiolytic (H)	elevated plus-maze	stress	rat	[269]
putative novel anxiolytic (H)	open-field	stress	rat	[269]
detection of anxiolytic effect	vocalization and jumps, separation-induced	0	chicken	[270]
putative novel anxiolytic (H)	elevated plus-maze	0	rat	[271]
mechanism	elevated plus-maze	0	rat	[272]
putative novel anxiolytic (Ho)	avoidance, passive	0	mouse	[273]
putative novel anxiolytic (Ho)	elevated plus-maze	0	mouse	[273]
putative novel anxiolytic (Ho)	holeboard	0	mouse	[273]
detection of anxiolytic effect	four plate	0	mouse	[274]
detection of anxiolytic effect	elevated zero-maze	0	mouse	[274]
detection of anxiolytic effect	stress-induced hyperthermia	0	mouse	[274]
established anxiolytic	elevated plus-maze	condition	rat	[275]
putative novel anxiolytic	elevated plus-maze	condition	mouse	[276]
putative novel anxiolytic	elevated plus-maze	0	rat	[277]
putative novel anxiolytic	four plate	0	mouse	[278]
putative novel anxiolytic	holeboard	0	mouse	[278]
putative novel anxiolytic	stress-induced hyperthermia	0	mouse	[278]
established anxiolytic	defensive burying	selection	rat	[279]
detection of anxiolytic effect	punished eating (rhesus)	0	rhesus monkey	[280]
mechanism	defensive burying	stress	rat	[281]

anxiogenic effects	defensive burying	0	rat	[282]
anxiogenic effects	elevated plus-maze	0	rat	[282]
anxiogenic effects	open-field	0	rat	[282]
mechanism	elevated plus-maze	stress	mouse	[283]
mechanism	conditioned fear	neural	mouse	[284]
mechanism	light/dark box	stress	rat	[285]
mechanism	open-field	stress	rat	[285]
putative novel anxiolytic (H)	elevated plus-maze	0	mouse	[286]
putative novel anxiolytic (H)	light/dark box	0	mouse	[286]
putative novel anxiolytic (H)	open-field	0	mouse	[286]
no effect on anxiety (H)	elevated plus-maze	0	rat	[287]
detection of anxiolytic effect	elevated plus-maze	0	rat	[288]
mechanism	elevated plus-maze	0	rat	[289]
mechanism	open-field	0	rat	[289]
putative novel anxiolytic	elevated plus-maze	condition	rat	[290]
mechanism	swimming (diving)	chemical	zebra fish	[291]
mechanism	elevated plus-maze	selection	rat	[292]
mechanism	elevated plus-maze	transgenic	mouse	[293]
established anxiolytic	elevated plus-maze	0	rat	[294]
detection of anxiolytic effect (Ho)	mCPP-induced hypolocomotion	0	mouse	[295]
mechanism	elevated plus-maze	0	rat	[296]
mechanism	open-field	0	rat	[296]
detection of anxiolytic effect (H)	elevated plus-maze	0	mouse	[297]
mechanism	open-field	selection	rat	[298]
mechanism	social interaction	selection	rat	[298]
mechanism	open-field	0	rat	[299]
mechanism	elevated T-maze	0	rat	[299]
mechanism	elevated plus-maze	0	rat	[300]
detection of anxiolytic effect	fear-potentiated startle	0	rat	[301]
detection of anxiolytic effect	Vogel	0	rat	[301]

detection of anxiolytic effect	stress-induced hyperthermia	0	rat	[301]
mechanism	elevated plus-maze	0	gerbil	[302]
mechanism	light/dark box	0	gerbil	[302]
detection of anxiolytic effect	elevated plus-maze	0	rat	[303]
detection of anxiolytic effect	conditioned fear	0	rat	[304]
detection of anxiolytic effect	elevated plus-maze	0	rat	[304]
detection of anxiolytic effect	fear-potentiated startle	0	rat	[304]
detection of anxiolytic effect	conditioned avoidance	0	rat	[304]
detection of anxiolytic effect	vocalization, ultrasonic, shock-induced	0	rat	[304]
mechanism	elevated plus-maze	neural	rat	[305]
mechanism	elevated plus-maze	transgenic	mouse	[306]
established anxiolytic	elevated plus-maze	0	mouse	[307]
putative novel anxiolytic	elevated plus-maze	stress	rat	[308]
mechanism	elevated plus-maze	selection	mouse	[309]
mechanism	open-field	selection	mouse	[309]
mechanism	marble burying	selection	mouse	[309]
mechanism	elevated plus-maze	0	rat	[310]
mechanism	light/dark box	0	rat	[310]
mechanism	elevated plus-maze	transgenic	mouse	[311]
mechanism	light/dark box	transgenic	mouse	[311]
established anxiolytic	elevated plus-maze	0	rat	[312]
detection of anxiolytic effect	avoidance, passive	0	rat	[313]
detection of anxiolytic effect	elevated plus-maze	0	rat	[313]
detection of anxiolytic effect	elevated plus-maze	0	mouse	[314]
detection of anxiolytic effect	holeboard	0	mouse	[314]
detection of anxiolytic effect	elevated plus-maze	0	mouse	[315]
mechanism	elevated plus-maze	chemical	mouse	[316]
mechanism	open-field	chemical	mouse	[316]
putative novel anxiolytic	elevated plus-maze	0	?	[317]
putative novel anxiolytic	Vogel	0	?	[317]

detection of anxiolytic effect	not available	0 rat	[318]
established anxiolytic	avoidance, passive	0 rat	[310]
detection of anxiolytic effect (H)	elevated plus-maze	0 mouse	[320]
detection of anxiolytic effect (H)	open-field	0 mouse	[320]
mechanism	elevated plus-maze	0 rat	[321]
mechanism	elevated plus-maze	subject rat	[322]
putative novel anxiolytic	novelty-induced hypophagia	0 mouse	[323]
putative novel anxiolytic	marble burying	0 mouse	[323]
putative novel anxiolytic	marble burying	0 mouse	[324]
mechanism	elevated plus-maze	neural mouse	[325]
mechanism	open-field	neural mouse	[325]
mechanism	elevated plus-maze	0 rat	[326]
no effect on anxiety	elevated plus-maze	stress mouse	[327]
mechanism	social interaction	chemical rat	[328]
detection of anxiolytic effect (H)	elevated plus-maze	0 mouse	[329]
detection of anxiolytic effect (H)	light/dark box	0 mouse	[329]
detection of anxiolytic effect (H)	open-field	0 mouse	[329]
mechanism	stress-induced hyperthermia	0 mouse	[330]
mechanism	canopy test	transgenic rat	[331]
detection of anxiolytic effect	canopy test	0 mouse	[332]
detection of anxiolytic effect (H)	elevated plus-maze	0 rat	[333]
established anxiolytic	elevated plus-maze	condition rat	[334]
established anxiolytic	light/dark box	condition rat	[334]
established anxiolytic	open-field	condition rat	[334]
established anxiolytic	open-field	0 mouse	[335]
detection of anxiolytic effect	elevated plus-maze	0 mouse	[336]
detection of anxiolytic effect	stress-induced hyperthermia	0 mouse	[336]
mechanism	swimming (novel tank)	condition zebra fish	[337]
mechanism	elevated plus-maze	0 rat	[338]
putative novel anxiolytic (H)	elevated plus-maze	0 mouse	[339]

putative novel anxiolytic (H)	holeboard	0	mouse	[339]
putative novel anxiolytic (H)	open-field	0	mouse	[339]
mechanism	elevated plus-maze	transgenic	mouse	[340]
putative novel anxiolytic	open-field	0	mouse	[341]
mechanism	elevated plus-maze	0	rat	[342]
mechanism	elevated plus-maze	0	rat	[343]
mechanism	holeboard	0	mouse	[344]
detection of anxiolytic effect (H)	elevated plus-maze	0	mouse	[345]
detection of anxiolytic effect (H)	open-field	0	mouse	[345]
detection of anxiolytic effect (H)	social interaction	0	mouse	[345]
mechanism	light/dark box	selection	rat	[376]
mechanism	elevated plus-maze	0	mouse	[347]
mechanism	novelty-induced hypophagia	0	mouse	[347]
mechanism	open-field	0	mouse	[347]
mechanism	open-field	transgenic	mouse	[348]
mechanism	ethological' measures elevated plus-maze	subject	rat	[349]
mechanism	elevated plus-maze	0	rat	[350]
mechanism	vocalizations, ultrasonic, isolation-induced, pup	chemical	rat	[350]

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