

Catherine Belzung

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207
papers

17,433
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59
h-index

129
g-index

224
ext. papers

19,337
ext. citations

4.8
avg, IF

6.8
L-index

#	Paper	IF	Citations
207	Requirement of hippocampal neurogenesis for the behavioral effects of antidepressants. <i>Science</i> , 2003 , 301, 805-9	33.3	3427
206	The open field as a paradigm to measure the effects of drugs on anxiety-like behaviors: a review. <i>European Journal of Pharmacology</i> , 2003 , 463, 3-33	5.3	1881
205	Measuring normal and pathological anxiety-like behaviour in mice: a review. <i>Behavioural Brain Research</i> , 2001 , 125, 141-9	3.4	651
204	Decreased GABAA-receptor clustering results in enhanced anxiety and a bias for threat cues. <i>Nature Neuroscience</i> , 1999 , 2, 833-9	25.5	468
203	Drug-dependent requirement of hippocampal neurogenesis in a model of depression and of antidepressant reversal. <i>Biological Psychiatry</i> , 2008 , 64, 293-301	7.9	413
202	Antidepressants recruit new neurons to improve stress response regulation. <i>Molecular Psychiatry</i> , 2011 , 16, 1177-88	15.1	347
201	Differences in anxiety-related behaviours and in sensitivity to diazepam in inbred and outbred strains of mice. <i>Psychopharmacology</i> , 2000 , 148, 164-70	4.7	339
200	The neurobiology of depression and antidepressant action. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 2331-71	9	315
199	Effects of unpredictable chronic mild stress on anxiety and depression-like behavior in mice. <i>Behavioural Brain Research</i> , 2006 , 175, 43-50	3.4	312
198	Strain differences in sucrose preference and in the consequences of unpredictable chronic mild stress. <i>Behavioural Brain Research</i> , 2004 , 155, 135-46	3.4	306
197	Comparison of different behavioral test situations used in psychopharmacology for measurement of anxiety. <i>Physiology and Behavior</i> , 1994 , 56, 623-8	3.5	245
196	Early life genetic, epigenetic and environmental factors shaping emotionality in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2005 , 29, 1335-46	9	243
195	Criteria of validity for animal models of psychiatric disorders: focus on anxiety disorders and depression. <i>Biology of Mood & Anxiety Disorders</i> , 2011 , 1, 9		217
194	Dietary fish oil affects monoaminergic neurotransmission and behavior in rats. <i>Journal of Nutrition</i> , 1998 , 128, 2512-9	4.1	191
193	Effects of the selective nonpeptide corticotropin-releasing factor receptor 1 antagonist antalarmin in the chronic mild stress model of depression in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003 , 27, 625-31	5.5	175
192	Olfaction: a potential cognitive marker of psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 1315-25	9	167
191	Neurogenesis along the septo-temporal axis of the hippocampus: are depression and the action of antidepressants region-specific?. <i>Neuroscience</i> , 2013 , 252, 234-52	3.9	160

190	The free-exploratory paradigm. <i>Behavioural Pharmacology</i> , 1993 , 4, 637-644	2.4	157
189	5-HT1B receptor knock out--behavioral consequences. <i>Behavioural Brain Research</i> , 1996 , 73, 305-12	3.4	151
188	Corticolimbic transcriptome changes are state-dependent and region-specific in a rodent model of depression and of antidepressant reversal. <i>Neuropsychopharmacology</i> , 2009 , 34, 1363-80	8.7	149
187	Environmental enrichment in BALB/c mice: effects in classical tests of anxiety and exposure to a predatory odor. <i>Physiology and Behavior</i> , 2001 , 74, 313-20	3.5	145
186	Rearing environmental enrichment in two inbred strains of mice: 1. Effects on emotional reactivity. <i>Behavior Genetics</i> , 1999 , 29, 41-6	3.2	142
185	Association between repeated unpredictable chronic mild stress (UCMS) procedures with a high fat diet: a model of fluoxetine resistance in mice. <i>PLoS ONE</i> , 2010 , 5, e10404	3.7	141
184	A molecular signature of depression in the amygdala. <i>American Journal of Psychiatry</i> , 2009 , 166, 1011-24	11.9	140
183	Anxiogenic effects of methyl-beta-carboline-3-carboxylate in a light/dark choice situation. <i>Pharmacology Biochemistry and Behavior</i> , 1987 , 28, 29-33	3.9	138
182	Genetic basis of anxiety-like behaviour: a critical review. <i>Brain Research Bulletin</i> , 2002 , 57, 57-71	3.9	131
181	Neuroinflammation and depression: A review. <i>European Journal of Neuroscience</i> , 2021 , 53, 151-171	3.5	131
180	Effects of desipramine and tramadol in a chronic mild stress model in mice are altered by yohimbine but not by pindolol. <i>European Journal of Pharmacology</i> , 2005 , 514, 165-74	5.3	129
179	Behavioral and neurochemical changes following predatory stress in mice. <i>Neuropharmacology</i> , 2001 , 41, 400-8	5.5	122
178	Link between emotional memory and anxiety states: a study by principal component analysis. <i>Physiology and Behavior</i> , 1995 , 58, 111-8	3.5	121
177	Differential environmental regulation of neurogenesis along the septo-temporal axis of the hippocampus. <i>Neuropharmacology</i> , 2012 , 63, 374-84	5.5	120
176	Behavior and serotonergic disorders in rats exposed prenatally to valproate: a model for autism. <i>Neuroscience Letters</i> , 2010 , 470, 55-9	3.3	119
175	Animal models of major depression: drawbacks and challenges. <i>Journal of Neural Transmission</i> , 2019 , 126, 1383-1408	4.3	118
174	Models of depression: unpredictable chronic mild stress in mice. <i>Current Protocols in Pharmacology</i> , 2013 , Chapter 5, Unit 5.65	4.1	115
173	Functional implications of decreases in neurogenesis following chronic mild stress in mice. <i>Neuroscience</i> , 2007 , 150, 251-9	3.9	114

172	Is unpredictable chronic mild stress (UCMS) a reliable model to study depression-induced neuroinflammation?. <i>Behavioural Brain Research</i> , 2012 , 231, 130-7	3.4	113
171	Agonistic behavior and unpredictable chronic mild stress in mice. <i>Behavior Genetics</i> , 2003 , 33, 513-9	3.2	112
170	Behaviour in the elevated plus-maze predicts coping after subchronic mild stress in mice. <i>Physiology and Behavior</i> , 2004 , 81, 417-26	3.5	112
169	Correlations between behaviours in the elevated plus-maze and sensitivity to unpredictable subchronic mild stress: evidence from inbred strains of mice. <i>Behavioural Brain Research</i> , 2005 , 156, 153-62	3.4	108
168	Mouse strain differences in the unpredictable chronic mild stress: a four-antidepressant survey. <i>Behavioural Brain Research</i> , 2008 , 193, 140-3	3.4	104
167	Depression: from psychopathology to pathophysiology. <i>Current Opinion in Neurobiology</i> , 2015 , 30, 24-30	7.6	103
166	Neurogenesis-independent antidepressant-like effects on behavior and stress axis response of a dual orexin receptor antagonist in a rodent model of depression. <i>Neuropsychopharmacology</i> , 2012 , 37, 2210-21	8.7	100
165	Further pharmacological validation of the BALB/c neophobia in the free exploratory paradigm as an animal model of trait anxiety. <i>Behavioural Pharmacology</i> , 1997 , 8, 541-8	2.4	99
164	Multifaceted strain-specific effects in a mouse model of depression and of antidepressant reversal. <i>Psychoneuroendocrinology</i> , 2008 , 33, 1357-68	5	91
163	n-3 polyunsaturated fatty acid supplementation reverses stress-induced modifications on brain monoamine levels in mice. <i>Journal of Lipid Research</i> , 2008 , 49, 340-8	6.3	91
162	Deficit in BDNF does not increase vulnerability to stress but dampens antidepressant-like effects in the unpredictable chronic mild stress. <i>Behavioural Brain Research</i> , 2009 , 202, 245-51	3.4	89
161	Open questions in current models of antidepressant action. <i>British Journal of Pharmacology</i> , 2010 , 159, 1187-200	8.6	88
160	Treatment-resistant depression: are animal models of depression fit for purpose?. <i>Psychopharmacology</i> , 2015 , 232, 3473-95	4.7	87
159	Activation of orexin neurons in dorsomedial/perifornical hypothalamus and antidepressant reversal in a rodent model of depression. <i>Neuropharmacology</i> , 2011 , 61, 336-46	5.5	81
158	Peripheral and cerebral metabolic abnormalities of the tryptophan-kynurenine pathway in a murine model of major depression. <i>Behavioural Brain Research</i> , 2010 , 210, 84-91	3.4	81
157	Modulation of mice anxiety in response to cat odor as a consequence of predators diet. <i>Physiology and Behavior</i> , 1998 , 65, 247-54	3.5	78
156	Behavioural validation of a light/dark choice procedure for testing anti-anxiety agents. <i>Behavioural Processes</i> , 1989 , 18, 119-32	1.6	78
155	Innovative drugs to treat depression: did animal models fail to be predictive or did clinical trials fail to detect effects?. <i>Neuropsychopharmacology</i> , 2014 , 39, 1041-51	8.7	75

154	Differences in drug-induced place conditioning between BALB/c and C57BL/6 mice. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 65, 419-23	3.9	73
153	Mechanisms of antidepressant resistance. <i>Frontiers in Pharmacology</i> , 2013 , 4, 146	5.6	71
152	Region-dependent and stage-specific effects of stress, environmental enrichment, and antidepressant treatment on hippocampal neurogenesis. <i>Hippocampus</i> , 2013 , 23, 797-811	3.5	69
151	The free-exploratory paradigm: an effective method for measuring neophobic behaviour in mice and testing potential neophobia-reducing drugs. <i>Behavioural Pharmacology</i> , 1993 , 4, 637-644	2.4	68
150	Emotional reactivity in mice may not be inherited but influenced by parents. <i>Physiology and Behavior</i> , 2004 , 80, 465-74	3.5	67
149	Hippocampal neurogenesis: a biomarker for depression or antidepressant effects? Methodological considerations and perspectives for future research. <i>Cell and Tissue Research</i> , 2013 , 354, 203-19	4.2	59
148	Prucalopride and donepezil act synergistically to reverse scopolamine-induced memory deficit in C57BL/6j mice. <i>Behavioural Brain Research</i> , 2008 , 187, 455-61	3.4	58
147	Antidepressant-like effect of tramadol in the unpredictable chronic mild stress procedure: possible involvement of the noradrenergic system. <i>Behavioural Pharmacology</i> , 2007 , 18, 623-31	2.4	58
146	Effects of neuronal and inducible NOS inhibitor 1-[2-(trifluoromethyl) phenyl] imidazole (TRIM) in unpredictable chronic mild stress procedure in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 82-7	3.9	57
145	The genetic basis of the pharmacological effects of anxiolytics: a review based on rodent models. <i>Behavioural Pharmacology</i> , 2001 , 12, 451-60	2.4	57
144	State and trait olfactory markers of major depression. <i>PLoS ONE</i> , 2012 , 7, e46938	3.7	55
143	Involvement of vasopressin in affective disorders. <i>European Journal of Pharmacology</i> , 2008 , 583, 340-9	5.3	55
142	An investigation of the mechanisms responsible for acute fluoxetine-induced anxiogenic-like effects in mice. <i>Behavioural Pharmacology</i> , 2001 , 12, 151-62	2.4	55
141	Emotional reactivity in mice, a case of nongenetic heredity?. <i>Physiology and Behavior</i> , 2001 , 74, 355-62	3.5	54
140	Flumazenil induces benzodiazepine partial agonist-like effects in BALB/c but not C57BL/6 mice. <i>Psychopharmacology</i> , 2000 , 148, 24-32	4.7	53
139	Preserved subcortical volumes and cortical thickness in women with sexual abuse-related PTSD. <i>Psychiatry Research - Neuroimaging</i> , 2010 , 183, 181-6	2.9	50
138	Myelination and motor coordination are increased in transferrin transgenic mice. <i>Journal of Neuroscience Research</i> , 2003 , 72, 587-94	4.4	50
137	Hippocampal mossy fibres: implication in novelty reactions or in anxiety behaviours?. <i>Behavioural Brain Research</i> , 1992 , 51, 149-55	3.4	49

136	Evidence for a key role of the peripheral kynurenine pathway in the modulation of anxiety- and depression-like behaviours in mice: focus on individual differences. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 98, 161-8	3.9	47
135	Lack of serotonin1B receptor expression leads to age-related motor dysfunction, early onset of brain molecular aging and reduced longevity. <i>Molecular Psychiatry</i> , 2007 , 12, 1042-56, 975	15.1	46
134	Optogenetics to study the circuits of fear- and depression-like behaviors: a critical analysis. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 122, 144-57	3.9	45
133	Anxiety from a phylogenetic perspective: is there a qualitative difference between human and animal anxiety?. <i>Neural Plasticity</i> , 2007 , 2007, 59676	3.3	44
132	Interaction of RO 15-4513 and ethanol on the behaviour of mice: antagonistic or additive effects?. <i>Psychopharmacology</i> , 1988 , 94, 392-6	4.7	44
131	Chronic mild stress and antidepressant treatment alter 5-HT1A receptor expression by modifying DNA methylation of a conserved Sp4 site. <i>Neurobiology of Disease</i> , 2015 , 82, 332-341	7.5	43
130	Does reduction of fearfulness tend to reduce pessimistic-like judgment in lambs?. <i>Applied Animal Behaviour Science</i> , 2012 , 139, 233-241	2.2	43
129	Olfactory anhedonia and negative olfactory alliesthesia in depressed patients. <i>Psychiatry Research</i> , 2010 , 176, 190-6	9.9	43
128	Susceptibility to subchronic unpredictable stress is related to individual reactivity to threat stimuli in mice. <i>Behavioural Brain Research</i> , 2004 , 155, 291-9	3.4	42
127	Brain organic cation transporter 2 controls response and vulnerability to stress and GSK3 β signaling. <i>Molecular Psychiatry</i> , 2015 , 20, 889-900	15.1	41
126	Acute inescapable stress exposure induces long-term sleep disturbances and avoidance behavior: a mouse model of post-traumatic stress disorder (PTSD). <i>Behavioural Brain Research</i> , 2011 , 221, 149-54	3.4	41
125	Maternal exposure to lipopolysaccharide leads to transient motor dysfunction in neonatal rats. <i>Developmental Neuroscience</i> , 2013 , 35, 172-81	2.2	38
124	Free versus forced exposure to an elevated plus-maze: evidence for new behavioral interpretations during test and retest. <i>Psychopharmacology</i> , 2009 , 203, 131-41	4.7	38
123	The role of subtypes of the opioid receptor in the anxiolytic action of chlordiazepoxide. <i>Neuropharmacology</i> , 1998 , 37, 223-32	5.5	38
122	Adult hippocampal neurogenesis: Is it the alpha and omega of antidepressant action?. <i>Biochemical Pharmacology</i> , 2017 , 141, 86-99	6	37
121	Absence of cocaine-induced place conditioning in serotonin 1B receptor knock-out mice. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 66, 221-5	3.9	37
120	A P2X7 receptor antagonist reverses behavioural alterations, microglial activation and neuroendocrine dysregulation in an unpredictable chronic mild stress (UCMS) model of depression in mice. <i>Psychoneuroendocrinology</i> , 2018 , 97, 120-130	5	36
119	Increasing adult hippocampal neurogenesis in mice after exposure to unpredictable chronic mild stress may counteract some of the effects of stress. <i>Neuropharmacology</i> , 2017 , 126, 179-189	5.5	36

118	Neuropeptides in psychiatric diseases: an overview with a particular focus on depression and anxiety disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2006 , 5, 135-45	2.6	36
117	PD135158, a CCK-B antagonist, reduces "state," but not "trait" anxiety in mice. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 49, 433-6	3.9	36
116	Rescuing prefrontal cAMP-CREB pathway reverses working memory deficits during withdrawal from prolonged alcohol exposure. <i>Brain Structure and Function</i> , 2016 , 221, 865-77	4	35
115	Fluoxetine effect on aortic nitric oxide-dependent vasorelaxation in the unpredictable chronic mild stress model of depression in mice. <i>Psychosomatic Medicine</i> , 2012 , 74, 63-72	3.7	35
114	Novel insights into depression and antidepressants: a synergy between synaptogenesis and neurogenesis?. <i>Current Topics in Behavioral Neurosciences</i> , 2013 , 15, 243-91	3.4	34
113	The benzodiazepine receptor inverse agonists beta-CCM and RO 15-3505 both reverse the anxiolytic effects of ethanol in mice. <i>Life Sciences</i> , 1988 , 42, 1765-72	6.8	34
112	Neuronal Activity, TGF β Signaling and Unpredictable Chronic Stress Modulate Transcription of Gadd45 Family Members and DNA Methylation in the Hippocampus. <i>Cerebral Cortex</i> , 2017 , 27, 4166-4181	5.1	33
111	Social rank and responses to feeding competition in rhesus monkeys. <i>Behavioural Processes</i> , 1986 , 12, 307-16	1.6	33
110	Deep brain stimulation in treatment-resistant depression in mice: comparison with the CRF1 antagonist, SSR125543. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 40, 213-20	5.5	32
109	Trauma-related deficits in working memory. <i>Cognitive Neuropsychiatry</i> , 2006 , 11, 33-46	2	32
108	Beta-CCT, a selective BZ-omega1 receptor antagonist, blocks the anti-anxiety but not the amnesic action of chlordiazepoxide in mice. <i>Behavioural Pharmacology</i> , 2000 , 11, 125-31	2.4	32
107	Latent variables and the network perspective. <i>Behavioral and Brain Sciences</i> , 2010 , 33, 150-1	0.9	31
106	Altered aortic vascular reactivity in the unpredictable chronic mild stress model of depression in mice: UCMS causes relaxation impairment to ACh. <i>Physiology and Behavior</i> , 2011 , 103, 540-6	3.5	30
105	Ethological validation and the assessment of anxiety-like behaviours: methodological comparison of classical analyses and structural approaches. <i>Behavioural Processes</i> , 2004 , 67, 195-206	1.6	30
104	Cingulate Overexpression of Mitogen-Activated Protein Kinase Phosphatase-1 as a Key Factor for Depression. <i>Biological Psychiatry</i> , 2017 , 82, 370-379	7.9	29
103	The temporal dynamic of emotional emergence. <i>Phenomenology and the Cognitive Sciences</i> , 2014 , 13, 557-578	1.5	29
102	Long-term impaired memory following predatory stress in mice. <i>Physiology and Behavior</i> , 2006 , 87, 45-50	3.5	27
101	Chapter 4.11 Measuring rodent exploratory behavior. <i>Handbook of Behavioral Neuroscience</i> , 1999 , 738-749		27

100	Interactions between dopamine and GABA in the control of ambulatory activity. <i>Journal of Neural Transmission</i> , 1996 , 103, 925-34	4.3	27
99	Adult hippocampal neurogenesis and antidepressants effects. <i>Current Opinion in Pharmacology</i> , 2020 , 50, 88-95	5.1	27
98	Stressing new neurons into depression?. <i>Molecular Psychiatry</i> , 2013 , 18, 396-7	15.1	25
97	Effects of nitric oxide synthase inhibitors 1-(2-trifluoromethylphenyl)-imidazole (TRIM) and 7-nitroindazole (7-NI) on learning and memory in mice. <i>Fundamental and Clinical Pharmacology</i> , 2011 , 25, 368-77	3.1	25
96	Effects of 5,7-dihydroxytryptamine lesion of the dorsal raphe nucleus on the antidepressant-like action of tramadol in the unpredictable chronic mild stress in mice. <i>Psychopharmacology</i> , 2008 , 200, 497-507	4.7	25
95	Naloxone potentiates the anxiolytic but not the amnesic action of chlordiazepoxide in C57BL/6 mice. <i>Behavioural Pharmacology</i> , 1998 , 9, 691-8	2.4	25
94	Alpha-linolenic acid deficiency modifies distractibility but not anxiety and locomotion in rats during aging. <i>Journal of Nutrition</i> , 1998 , 128, 1537-42	4.1	25
93	Behavioural effects of the benzodiazepine receptor partial agonist RO 16-6028 in mice. <i>Psychopharmacology</i> , 1989 , 97, 388-91	4.7	25
92	ATP-activated P2X7 receptor in the pathophysiology of mood disorders and as an emerging target for the development of novel antidepressant therapeutics. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 87, 192-205	9	24
91	Perceptive biases in major depressive episode. <i>PLoS ONE</i> , 2014 , 9, e86832	3.7	24
90	Resistance to antidepressant drugs: the case for a more predisposition-based and less hippocampocentric research paradigm. <i>Behavioural Pharmacology</i> , 2014 , 25, 352-71	2.4	24
89	The neuroscience of sadness: A multidisciplinary synthesis and collaborative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 111, 199-228	9	23
88	Rodent models for autism: A critical review. <i>Drug Discovery Today: Disease Models</i> , 2005 , 2, 93-101	1.3	23
87	Prenatal 3,4-methylenedioxymethamphetamine (ecstasy) exposure induces long-term alterations in the dopaminergic and serotonergic functions in the rat. <i>Developmental Brain Research</i> , 2005 , 154, 165-76		23
86	Does RO 15-4513 reverse the anxiolytic effects of ethanol by its intrinsic properties?. <i>Pharmacology Biochemistry and Behavior</i> , 1988 , 30, 867-70	3.9	23
85	Dysregulation of the hypothalamus-pituitary-adrenal axis predicts some aspects of the behavioral response to chronic fluoxetine: association with hippocampal cell proliferation. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 340	3.5	22
84	The design of new antidepressants: can formal models help? A first attempt using a model of the hippocampal control over the HPA-axis based on a review from the literature. <i>Behavioural Pharmacology</i> , 2010 , 21, 677-89	2.4	22
83	Naloxone potentiates the effects of subeffective doses of anxiolytic agents in mice. <i>European Journal of Pharmacology</i> , 1997 , 323, 133-6	5.3	22

82	Naloxone blocks anxiolytic-like effects of benzodiazepines in Swiss but not in Balb/c mice. <i>Psychopharmacology</i> , 1997 , 132, 195-201	4.7	22
81	Do antidepressants promote neurogenesis in adult hippocampus? A systematic review and meta-analysis on naive rodents. <i>Pharmacology & Therapeutics</i> , 2020 , 210, 107515	13.9	21
80	Benzodiazepine antagonist RO 15-1788 partly reverses some anxiolytic effects of ethanol in the mouse. <i>Psychopharmacology</i> , 1988 , 95, 516-9	4.7	21
79	Endothelial dysfunction: A potential therapeutic target for geriatric depression and brain amyloid deposition in Alzheimer's disease?. <i>Current Opinion in Investigational Drugs</i> , 2009 , 10, 46-55		21
78	The effects of the lurcher mutation on object localization, T-maze discrimination, and radial arm maze tasks. <i>Behavior Genetics</i> , 2001 , 31, 151-5	3.2	20
77	Early and late-onset effect of chronic stress on vascular function in mice: a possible model of the impact of depression on vascular disease in aging. <i>American Journal of Geriatric Psychiatry</i> , 2011 , 19, 335-48	6.5	19
76	Cholecystinin receptors mediate the development of a preference for the mother by newly born lambs.. <i>Behavioral Neuroscience</i> , 1997 , 111, 1375-1382	2.1	19
75	Pharmacological alterations of anxious behaviour in mice depending on both strain and the behavioural situation. <i>PLoS ONE</i> , 2009 , 4, e7745	3.7	19
74	The BDNF Val(66)Met polymorphism is associated with escitalopram response in depressed patients. <i>Psychopharmacology</i> , 2015 , 232, 575-81	4.7	18
73	Long-term odor recognition memory in unipolar major depression and Alzheimer's disease. <i>Psychiatry Research</i> , 2014 , 220, 861-6	9.9	18
72	PTSD psychiatric patients exhibit a deficit in remembering. <i>Memory</i> , 2007 , 15, 145-53	1.8	18
71	Impaired memory following predatory stress in mice is improved by fluoxetine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2004 , 28, 123-8	5.5	18
70	Decline of hippocampal stress reactivity and neuronal ensemble coherence in a mouse model of depression. <i>Psychoneuroendocrinology</i> , 2016 , 67, 113-23	5	18
69	Rodent models of anxiety-like behaviors: are they predictive for compounds acting via non-benzodiazepine mechanisms?. <i>Current Opinion in Investigational Drugs</i> , 2001 , 2, 1108-11		18
68	The CRF1 receptor antagonist SSR125543 attenuates long-term cognitive deficit induced by acute inescapable stress in mice, independently from the hypothalamic pituitary adrenal axis. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 102, 415-22	3.9	17
67	The CRF1 receptor antagonist SSR125543 prevents stress-induced cognitive deficit associated with hippocampal dysfunction: comparison with paroxetine and D-cycloserine. <i>Psychopharmacology</i> , 2013 , 228, 97-107	4.7	17
66	Chronic Treatment with the IDO1 Inhibitor 1-Methyl-D-Tryptophan Minimizes the Behavioural and Biochemical Abnormalities Induced by Unpredictable Chronic Mild Stress in Mice - Comparison with Fluoxetine. <i>PLoS ONE</i> , 2016 , 11, e0164337	3.7	17
65	A rat model of distractibility: effects of drugs modifying dopaminergic, noradrenergic and GABAergic neurotransmission. <i>Journal of Neural Transmission</i> , 1997 , 104, 11-29	4.3	16

64	Anxiogenic effects of a benzodiazepine receptor partial inverse agonist, RO 19-4603, in a light/dark choice situation. <i>Pharmacology Biochemistry and Behavior</i> , 1990 , 36, 593-6	3.9	16
63	Stress and psychiatric disorders: from categorical to dimensional approaches. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 72-77	4	15
62	Translational Identification of Transcriptional Signatures of Major Depression and Antidepressant Response. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 248	6.1	15
61	Alcohol withdrawal induces long-lasting spatial working memory impairments: relationship with changes in corticosterone response in the prefrontal cortex. <i>Addiction Biology</i> , 2017 , 22, 898-910	4.6	13
60	Fluoxetine induces paradoxical effects in C57BL6/J mice: comparison with BALB/c mice. <i>Behavioural Pharmacology</i> , 2017 , 28, 466-476	2.4	13
59	Central auditory processing in aging: the dichotic listening paradigm. <i>Journal of Nutrition, Health and Aging</i> , 2010 , 14, 751-6	5.2	13
58	Large-scale estimates of cellular origins of mRNAs: enhancing the yield of transcriptome analyses. <i>Journal of Neuroscience Methods</i> , 2008 , 167, 198-206	3	13
57	Drug effects in a radial maze designed for dissociation of cues used by mice. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 48, 23-9	3.9	13
56	Adult neurogenesis augmentation attenuates anhedonia and HPA axis dysregulation in a mouse model of chronic stress and depression. <i>Psychoneuroendocrinology</i> , 2021 , 124, 105097	5	13
55	miR-323a regulates ERBB4 and is involved in depression. <i>Molecular Psychiatry</i> , 2021 , 26, 4191-4204	15.1	12
54	Cholesterol homeostasis: Researching a dialogue between the brain and peripheral tissues. <i>Pharmacological Research</i> , 2021 , 163, 105215	10.2	12
53	5-HT _{1A} and 5-HT _{2A} ligands with anxiolytic and antipanic-like properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997 , 7, 2579-2584	2.9	11
52	LY 171555-induced hyperdefensiveness in the mouse does not implicate benzodiazepine receptors. <i>Psychopharmacology</i> , 1991 , 103, 449-54	4.7	11
51	Prenatal MDMA exposure delays postnatal development in the rat: a preliminary study. <i>Neurotoxicology and Teratology</i> , 2010 , 32, 425-31	3.9	10
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