

Catherine Belzung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

207
papers

17,433
citations

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	Decrease in ultrasound Brain Tissue Pulsations as a potential surrogate marker of response to antidepressant.. <i>Journal of Psychiatric Research</i> , 2022 , 146, 186-191	5.2	0
206	Child abuse associates with increased recruitment of perineuronal nets in the ventromedial prefrontal cortex: a possible implication of oligodendrocyte progenitor cells. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
205	miR-323a regulates ERBB4 and is involved in depression. <i>Molecular Psychiatry</i> , 2021 , 26, 4191-4204	15.1	12
204	Left amygdala volume and brain tissue pulsatility are associated with neuroticism: an MRI and ultrasound study. <i>Brain Imaging and Behavior</i> , 2021 , 15, 1499-1507	4.1	0
203	Increasing Adult Hippocampal Neurogenesis Promotes Resilience in a Mouse Model of Depression. <i>Cells</i> , 2021 , 10,	7.9	4
202	Adult hippocampal neurogenesis shapes adaptation and improves stress response: a mechanistic and integrative perspective. <i>Molecular Psychiatry</i> , 2021 ,	15.1	7
201	Brain immune cells characterization in UCMS exposed P2X7 knock-out mouse. <i>Brain, Behavior, and Immunity</i> , 2021 , 94, 159-174	16.6	2
200	Neuroinflammation and depression: A review. <i>European Journal of Neuroscience</i> , 2021 , 53, 151-171	3.5	131
199	Cholesterol homeostasis: Researching a dialogue between the brain and peripheral tissues. <i>Pharmacological Research</i> , 2021 , 163, 105215	10.2	12
198	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
197	A systematic review of ultrasound imaging and therapy in mental disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 101, 109919	5.5	3
196	P.214 Is adult hippocampal neurogenesis sufficient for antidepressant effects: results from a mouse model of depression. <i>European Neuropsychopharmacology</i> , 2020 , 31, S29	1.2	
195	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
194	When classical music relaxes the brain: An experimental study using Ultrasound Brain Tissue Pulsatility Imaging. <i>International Journal of Psychophysiology</i> , 2020 , 150, 29-36	2.9	4
193	The neuroscience of sadness: A multidisciplinary synthesis and collaborative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 111, 199-228	9	23
192	Mechanistic vs Statistical Extrapolation in Preclinical Research in Psychiatry: Challenging the Received View. <i>Boston Studies in the Philosophy and History of Science</i> , 2020 , 79-100	0.2	1
191	Adult hippocampal neurogenesis and antidepressants effects. <i>Current Opinion in Pharmacology</i> , 2020 , 50, 88-95	5.1	27

190	Withdrawal notice to: Adult hippocampal neurogenesis and antidepressants effects [COPHAR, 50 2020, 17-24]. <i>Current Opinion in Pharmacology</i> , 2020 , 50, R1	5.1	
189	Benzodiazepine use and brain amyloid load in nondemented older individuals: a florbetapir PET study in the Multidomain Alzheimer Preventive Trial cohort. <i>Neurobiology of Aging</i> , 2019 , 84, 61-69	5.6	4
188	Animal models of major depression: drawbacks and challenges. <i>Journal of Neural Transmission</i> , 2019 , 126, 1383-1408	4.3	118
187	Sustained corticosterone rise in the prefrontal cortex is a key factor for chronic stress-induced working memory deficits in mice. <i>Neurobiology of Stress</i> , 2019 , 10, 100161	7.6	8
186	Prefrontal cortex rTMS reverses behavioral impairments and differentially activates c-Fos in a mouse model of post-traumatic stress disorder. <i>Brain Stimulation</i> , 2019 , 12, 87-95	5.1	9
185	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
184	Hedonic Assessment of Odors: A Comparison of Two Sensory Scales for Use with Alzheimer's Disease Patients and Elderly Individuals. <i>Journal of Alzheimer's Disease</i> , 2018 , 61, 929-938	4.3	0
183	Repeated diazepam administration reversed working memory impairments and glucocorticoid alterations in the prefrontal cortex after short but not long alcohol-withdrawal periods. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018 , 18, 665-679	3.5	2
182	Cerebral blood flow velocity positively correlates with brain volumes in long-term remitted depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 81, 243-249	5.5	5
181	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
180	Individual responses of rodents in modelling of affective disorders and in their treatment: prospective review. <i>Acta Neuropsychiatrica</i> , 2018 , 30, 323-333	3.9	6
179	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
178	Stress and psychiatric disorders: from categorical to dimensional approaches. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 72-77	4	15
177	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
176	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
175	Fluoxetine induces paradoxical effects in C57BL6/J mice: comparison with BALB/c mice. <i>Behavioural Pharmacology</i> , 2017 , 28, 466-476	2.4	13
174	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
173	May the use of different background strains strain the stress-related phenotype of GR mice?. <i>Behavioural Brain Research</i> , 2017 , 335, 71-79	3.4	2

172	Adult hippocampal neurogenesis: Is it the alpha and omega of antidepressant action?. <i>Biochemical Pharmacology</i> , 2017 , 141, 86-99	6	37
171	Translational identification of transcriptional signatures of major depression and antidepressant response. <i>European Neuropsychopharmacology</i> , 2017 , 27, S586-S587	1.2	
170	Translational Identification of Transcriptional Signatures of Major Depression and Antidepressant Response. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 248	6.1	15
169	Identity matters to individuals: Group assessment cannot be reduced to collective performance. <i>Behavioral and Brain Sciences</i> , 2016 , 39, e139	0.9	
168	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
167	Acute Stress and Anxiety 2016 , 207-228		1
166	Modeling Affective Symptoms of Schizophrenia. <i>Handbook of Behavioral Neuroscience</i> , 2016 , 23, 85-102	0.7	2
165	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
164	Antidepressant treatment differentially affects the phenotype of high and low stress reactive mice. <i>Neuropharmacology</i> , 2016 , 110, 37-47	5.5	4
163	Decline of hippocampal stress reactivity and neuronal ensemble coherence in a mouse model of depression. <i>Psychoneuroendocrinology</i> , 2016 , 67, 113-23	5	18
162	The BDNF Val(66)Met polymorphism is associated with escitalopram response in depressed patients. <i>Psychopharmacology</i> , 2015 , 232, 575-81	4.7	18
161	Long-lasting memory abnormalities following exposure to the mouse defense test battery: An animal model of PTSD. <i>Physiology and Behavior</i> , 2015 , 146, 67-72	3.5	2
160	An odor identification approach based on event-related pupil dilation and gaze focus. <i>International Journal of Psychophysiology</i> , 2015 , 96, 201-9	2.9	6
159	Taste identification used as a potential discriminative test among depression and Alzheimer's disease in elderly: A pilot study. <i>Psychiatry Research</i> , 2015 , 228, 228-32	9.9	7
158	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
157	Treatment-resistant depression: are animal models of depression fit for purpose?. <i>Psychopharmacology</i> , 2015 , 232, 3473-95	4.7	87
156	The CRF1 receptor antagonist SSR125543 prevents stress-induced long-lasting sleep disturbances in a mouse model of PTSD: comparison with paroxetine and d-cycloserine. <i>Behavioural Brain Research</i> , 2015 , 279, 41-6	3.4	9
155	Depression: from psychopathology to pathophysiology. <i>Current Opinion in Neurobiology</i> , 2015 , 30, 24-30	7.6	103

154	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
153	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
152	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
151	The temporal dynamic of emotional emergence. <i>Phenomenology and the Cognitive Sciences</i> , 2014 , 13, 557-578	1.5	29
150	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
149	Prenatal exposure to methylphenidate affects the dopamine system and the reactivity to natural reward in adulthood in rats. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	5
148	Perceptive biases in major depressive episode. <i>PLoS ONE</i> , 2014 , 9, e86832	3.7	24
147	Long-term odor recognition memory in unipolar major depression and Alzheimer's disease. <i>Psychiatry Research</i> , 2014 , 220, 861-6	9.9	18
146	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
145	The CRF β 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
144	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
143	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
142	Stressing new neurons into depression?. <i>Molecular Psychiatry</i> , 2013 , 18, 396-7	15.1	25
141	The neurobiology of depression and antidepressant action. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 2331-71	9	315
140	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
139	Maternal exposure to lipopolysaccharide leads to transient motor dysfunction in neonatal rats. <i>Developmental Neuroscience</i> , 2013 , 35, 172-81	2.2	38
138	Models of depression: unpredictable chronic mild stress in mice. <i>Current Protocols in Pharmacology</i> , 2013 , Chapter 5, Unit 5.65	4.1	115
137	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

136	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
135	Mechanisms of antidepressant resistance. <i>Frontiers in Pharmacology</i> , 2013 , 4, 146	5.6	71
134	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
133	S.27.04 Role of orexin in the unpredictable chronic mild stress model of depression in mice. <i>European Neuropsychopharmacology</i> , 2012 , 22, S146	1.2	
132	Differential environmental regulation of neurogenesis along the septo-temporal axis of the hippocampus. <i>Neuropharmacology</i> , 2012 , 63, 374-84	5.5	120
131	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
130	Gabra5-gene haplotype block associated with behavioral properties of the full agonist benzodiazepine chlordiazepoxide. <i>Behavioural Brain Research</i> , 2012 , 233, 474-82	3.4	4
129	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
128	State and trait olfactory markers of major depression. <i>PLoS ONE</i> , 2012 , 7, e46938	3.7	55
127	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
126	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
125	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
124	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
123	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
122	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
121	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
120	Antidepressants recruit new neurons to improve stress response regulation. <i>Molecular Psychiatry</i> , 2011 , 16, 1177-88	15.1	347
119	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

118	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
117	Open questions in current models of antidepressant action. <i>British Journal of Pharmacology</i> , 2010 , 159, 1187-200	8.6	88
116	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
115	Latent variables and the network perspective. <i>Behavioral and Brain Sciences</i> , 2010 , 33, 150-1	0.9	31
114	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
113	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
112	Olfactory anhedonia and negative olfactory alliesthesia in depressed patients. <i>Psychiatry Research</i> , 2010 , 176, 190-6	9.9	43
111	Neurogenic Basis of Antidepressant Action: Recent Advances. <i>Modern Problems of Pharmacopsychiatry</i> , 2010 , 224-242		1
110	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
109	Central auditory processing in aging: the dichotic listening paradigm. <i>Journal of Nutrition, Health and Aging</i> , 2010 , 14, 751-6	5.2	13
108	Prenatal MDMA exposure delays postnatal development in the rat: a preliminary study. <i>Neurotoxicology and Teratology</i> , 2010 , 32, 425-31	3.9	10
107	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
106	A molecular signature of depression in the amygdala. <i>American Journal of Psychiatry</i> , 2009 , 166, 1011-24	11.9	140
105	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
104	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
103	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
102	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
101	P.2.b.003 Endothelial dysfunction in a rodent model of depression may underlie atherosclerosis formation. <i>European Neuropsychopharmacology</i> , 2009 , 19, S392	1.2	

100	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
99	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
98	Involvement of vasopressin in affective disorders. <i>European Journal of Pharmacology</i> , 2008 , 583, 340-9	5.3	55
97	Multifaceted strain-specific effects in a mouse model of depression and of antidepressant reversal. <i>Psychoneuroendocrinology</i> , 2008 , 33, 1357-68	5	91
96	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
95	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
94	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
93	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
92	Chapter 4.6 Genetic factors underlying anxiety-behavior: A meta-analysis of rodent studies involving targeted mutations of neurotransmission genes. <i>Handbook of Behavioral Neuroscience</i> , 2008 , 17, 325-354	0.7	0
91	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
90	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
89	Olfaction: a potential cognitive marker of psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 1315-25	9	167
88	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
87	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
86	Upregulated sirtuin 5 gene expression in frontal cortex of serotonin 1b receptor knock out mice. <i>Molecular Psychiatry</i> , 2007 , 12, 975-975	15.1	2
85	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
84	Functional implications of decreases in neurogenesis following chronic mild stress in mice. <i>Neuroscience</i> , 2007 , 150, 251-9	3.9	114
83	PTSD psychiatric patients exhibit a deficit in remembering. <i>Memory</i> , 2007 , 15, 145-53	1.8	18

82	Trauma-related deficits in working memory. <i>Cognitive Neuropsychiatry</i> , 2006 , 11, 33-46	2	32
81	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
80	Long-term impaired memory following predatory stress in mice. <i>Physiology and Behavior</i> , 2006 , 87, 45-50,5	3.5	27
79	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
78	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
77	Rodent models for autism: A critical review. <i>Drug Discovery Today: Disease Models</i> , 2005 , 2, 93-101	1.3	23
76	Early life genetic, epigenetic and environmental factors shaping emotionality in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2005 , 29, 1335-46	9	243
75	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
74	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
73	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
72	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
71	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
70	Emotional reactivity in mice may not be inherited but influenced by parents. <i>Physiology and Behavior</i> , 2004 , 80, 465-74	3.5	67
69	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
68	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
67	Agonistic behavior and unpredictable chronic mild stress in mice. <i>Behavior Genetics</i> , 2003 , 33, 513-9	3.2	112
66	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
65	Myelination and motor coordination are increased in transferrin transgenic mice. <i>Journal of Neuroscience Research</i> , 2003 , 72, 587-94	4.4	50

64	Requirement of hippocampal neurogenesis for the behavioral effects of antidepressants. <i>Science</i> , 2003 , 301, 805-9	33.3	3427
63	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
62	Genetic basis of anxiety-like behaviour: a critical review. <i>Brain Research Bulletin</i> , 2002 , 57, 57-71	3.9	131
61	Emotional behaviour as the result of stochastic interactions. A process crucial for cognition. <i>Behavioural Processes</i> , 2002 , 60, 115-132	1.6	2
60	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
59	Measuring normal and pathological anxiety-like behaviour in mice: a review. <i>Behavioural Brain Research</i> , 2001 , 125, 141-9	3.4	651
58	Behavioral and neurochemical changes following predatory stress in mice. <i>Neuropharmacology</i> , 2001 , 41, 400-8	5.5	122
57	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
56	Emotional reactivity in mice, a case of nongenetic heredity?. <i>Physiology and Behavior</i> , 2001 , 74, 355-62	3.5	54
55	Models of complexity: The example of emotions. <i>Behavioral and Brain Sciences</i> , 2001 , 24, 1053-1054	0.9	1
54	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
53	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
52	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
51	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
50	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
49	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
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