

Joram Feldon

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250
papers

17,767
citations

77
h-index

123
g-index

253
ext. papers

18,916
ext. citations

4.4
avg, IF

6.65
L-index

#	Paper	IF	Citations
250	The time of prenatal immune challenge determines the specificity of inflammation-mediated brain and behavioral pathology. <i>Journal of Neuroscience</i> , 2006 , 26, 4752-62	6.6	620
249	Mesolimbic dopaminergic pathways in fear conditioning. <i>Progress in Neurobiology</i> , 2004 , 74, 301-20	10.9	393
248	Long-term neurobehavioural impact of the postnatal environment in rats: manipulations, effects and mediating mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2003 , 27, 57-71	9	390
247	Towards an immuno-precipitated neurodevelopmental animal model of schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2005 , 29, 913-47	9	377
246	Adult brain and behavioral pathological markers of prenatal immune challenge during early/middle and late fetal development in mice. <i>Brain, Behavior, and Immunity</i> , 2008 , 22, 469-86	16.6	364
245	Effect of social isolation on stress-related behavioural and neuroendocrine state in the rat. <i>Behavioural Brain Research</i> , 2004 , 152, 279-95	3.4	361
244	Long-term biobehavioral effects of maternal separation in the rat: consistent or confusing?. <i>Reviews in the Neurosciences</i> , 2000 , 11, 383-408	4.7	344
243	Stress in puberty unmasks latent neuropathological consequences of prenatal immune activation in mice. <i>Science</i> , 2013 , 339, 1095-9	33.3	342
242	Long-term effects of early-life environmental manipulations in rodents and primates: Potential animal models in depression research. <i>Neuroscience and Biobehavioral Reviews</i> , 2005 , 29, 649-74	9	327
241	Epidemiology-driven neurodevelopmental animal models of schizophrenia. <i>Progress in Neurobiology</i> , 2010 , 90, 285-326	10.9	288
240	In-vivo rodent models for the experimental investigation of prenatal immune activation effects in neurodevelopmental brain disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2009 , 33, 1061-79	9	266
239	Effects of prenatal stress on vulnerability to stress in prepubertal and adult rats. <i>Physiology and Behavior</i> , 1986 , 37, 681-7	3.5	258
238	Schizophrenia and autism: both shared and disorder-specific pathogenesis via perinatal inflammation?. <i>Pediatric Research</i> , 2011 , 69, 26R-33R	3.2	254
237	A review of the fetal brain cytokine imbalance hypothesis of schizophrenia. <i>Schizophrenia Bulletin</i> , 2009 , 35, 959-72	1.3	244
236	Comparison of the effects of early handling and early deprivation on maternal care in the rat. <i>Developmental Psychobiology</i> , 2001 , 38, 239-51	3	241
235	Immunological stress at the maternal-foetal interface: a link between neurodevelopment and adult psychopathology. <i>Brain, Behavior, and Immunity</i> , 2006 , 20, 378-88	16.6	233
234	Hippocampal modulation of sensorimotor processes. <i>Progress in Neurobiology</i> , 2003 , 70, 319-45	10.9	210

233	Long-term effects of prenatal stress experiences and postnatal maternal separation on emotionality and attentional processes. <i>Behavioural Brain Research</i> , 2000 , 107, 133-44	3.4	195
232	Dissociation of function between the dorsal and the ventral hippocampus in spatial learning abilities of the rat: a within-subject, within-task comparison of reference and working spatial memory. <i>European Journal of Neuroscience</i> , 2004 , 19, 705-12	3.5	193
231	The neurodevelopmental impact of prenatal infections at different times of pregnancy: the earlier the worse?. <i>Neuroscientist</i> , 2007 , 13, 241-56	7.6	189
230	To poly(I:C) or not to poly(I:C): advancing preclinical schizophrenia research through the use of prenatal immune activation models. <i>Neuropharmacology</i> , 2012 , 62, 1308-21	5.5	178
229	Late prenatal immune activation in mice leads to behavioral and neurochemical abnormalities relevant to the negative symptoms of schizophrenia. <i>Neuropsychopharmacology</i> , 2010 , 35, 2462-78	8.7	178
228	Relative prenatal and postnatal maternal contributions to schizophrenia-related neurochemical dysfunction after in utero immune challenge. <i>Neuropsychopharmacology</i> , 2008 , 33, 441-56	8.7	178
227	Prenatal immune activation leads to multiple changes in basal neurotransmitter levels in the adult brain: implications for brain disorders of neurodevelopmental origin such as schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 513-24	5.8	177
226	A longitudinal examination of the neurodevelopmental impact of prenatal immune activation in mice reveals primary defects in dopaminergic development relevant to schizophrenia. <i>Journal of Neuroscience</i> , 2010 , 30, 1270-87	6.6	175
225	The latent inhibition model of schizophrenic attention disorder. Haloperidol and sulpiride enhance rats' ability to ignore irrelevant stimuli. <i>Biological Psychiatry</i> , 1991 , 29, 635-46	7.9	174
224	Environmental animal models for sensorimotor gating deficiencies in schizophrenia: a review. <i>Psychopharmacology</i> , 2001 , 156, 305-26	4.7	165
223	Genetic ablation of tumor necrosis factor-alpha (TNF-alpha) and pharmacological inhibition of TNF-synthesis attenuates MPTP toxicity in mouse striatum. <i>Journal of Neurochemistry</i> , 2004 , 89, 822-33	6	160
222	Differential role of the medial and lateral prefrontal cortices in fear and anxiety.. <i>Behavioral Neuroscience</i> , 2000 , 114, 1119-1130	2.1	151
221	The role of mesolimbic dopaminergic and retrohippocampal afferents to the nucleus accumbens in latent inhibition: implications for schizophrenia. <i>Behavioural Brain Research</i> , 1995 , 71, 19-31	3.4	148
220	Influence of differential housing on emotional behaviour and neurotrophin levels in mice. <i>Behavioural Brain Research</i> , 2006 , 169, 10-20	3.4	139
219	Double dissociation of the effects of selective nucleus accumbens core and shell lesions on impulsive-choice behaviour and salience learning in rats. <i>European Journal of Neuroscience</i> , 2005 , 22, 2605-16	3.5	135
218	Disruption of glycine transporter 1 restricted to forebrain neurons is associated with a procognitive and antipsychotic phenotypic profile. <i>Journal of Neuroscience</i> , 2006 , 26, 3169-81	6.6	132
217	The ventral hippocampus and fear conditioning in rats. Different anterograde amnesias of fear after tetrodotoxin inactivation and infusion of the GABA(A) agonist muscimol. <i>Experimental Brain Research</i> , 2001 , 139, 39-52	2.3	132
216	Electrolytic lesions of the medial prefrontal cortex in rats disrupt performance on an analog of the Wisconsin Card Sorting Test, but do not disrupt latent inhibition: implications for animal models of schizophrenia. <i>Behavioural Brain Research</i> , 1997 , 85, 187-201	3.4	125

215	Effect of sex on fear conditioning is similar for context and discrete CS in Wistar, Lewis and Fischer rat strains. <i>Pharmacology Biochemistry and Behavior</i> , 1999 , 64, 753-9	3.9	123
214	Neural basis of psychosis-related behaviour in the infection model of schizophrenia. <i>Behavioural Brain Research</i> , 2009 , 204, 322-34	3.4	122
213	Dorsal hippocampus and classical fear conditioning to tone and context in rats: effects of local NMDA-receptor blockade and stimulation. <i>Hippocampus</i> , 2003 , 13, 657-75	3.5	122
212	ApoE4 impairs hippocampal plasticity isoform-specifically and blocks the environmental stimulation of synaptogenesis and memory. <i>Neurobiology of Disease</i> , 2003 , 13, 273-82	7.5	122
211	Comparison of the effects of infant handling, isolation, and nonhandling on acoustic startle, prepulse inhibition, locomotion, and HPA activity in the adult rat. <i>Behavioral Neuroscience</i> , 2001 , 115, 71-83	2.1	121
210	Adenosine hypothesis of schizophrenia--opportunities for pharmacotherapy. <i>Neuropharmacology</i> , 2012 , 62, 1527-43	5.5	120
209	Reduced latent inhibition in people with schizophrenia: an effect of psychosis or of its treatment. <i>British Journal of Psychiatry</i> , 1998 , 172, 243-9	5.4	119
208	Comparison of the effects of early handling and early deprivation on conditioned stimulus, context, and spatial learning and memory in adult rats. <i>Behavioral Neuroscience</i> , 2003 , 117, 883-93	2.1	114
207	Antagonism of amphetamine-induced disruption of latent inhibition in rats by haloperidol and ondansetron: implications for a possible antipsychotic action of ondansetron. <i>Psychopharmacology</i> , 1994 , 114, 657-64	4.7	112
206	Effects of typical and atypical antipsychotics on prepulse inhibition and latent inhibition in chronic schizophrenia. <i>Biological Psychiatry</i> , 2002 , 52, 729-39	7.9	111
205	Prenatal and postnatal maternal contributions in the infection model of schizophrenia. <i>Experimental Brain Research</i> , 2006 , 173, 243-57	2.3	110
204	GABA receptors containing the alpha5 subunit mediate the trace effect in aversive and appetitive conditioning and extinction of conditioned fear. <i>European Journal of Neuroscience</i> , 2004 , 20, 1928-36	3.5	110
203	From an animal model of an attentional deficit towards new insights into the pathophysiology of schizophrenia. <i>Journal of Psychiatric Research</i> , 1992 , 26, 345-66	5.2	109
202	Prenatal immune challenge is an environmental risk factor for brain and behavior change relevant to schizophrenia: evidence from MRI in a mouse model. <i>PLoS ONE</i> , 2009 , 4, e6354	3.7	108
201	Repeated parental deprivation in the infant common marmoset (<i>Callithrix jacchus</i> , primates) and analysis of its effects on early development. <i>Biological Psychiatry</i> , 2002 , 52, 1037-46	7.9	107
200	Dopamine-dependent neurodegeneration in rats induced by viral vector-mediated overexpression of the parkin target protein, CDCrel-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 12438-43	11.5	98
199	On the influence of baseline startle reactivity on the indexation of prepulse inhibition. <i>Behavioral Neuroscience</i> , 2008 , 122, 885-900	2.1	97
198	DJ-1 and Parkin modulate dopamine-dependent behavior and inhibit MPTP-induced nigral dopamine neuron loss in mice. <i>Molecular Therapy</i> , 2007 , 15, 698-704	11.7	97

197	Long-term effects of early life deprivation on brain glia in Fischer rats. <i>Brain Research</i> , 2007 , 1142, 119-26	6.7	97
196	Deprivation of parenting disrupts development of homeostatic and reward systems in marmoset monkey offspring. <i>Biological Psychiatry</i> , 2004 , 56, 72-9	7.9	94
195	Prenatal immune activation interacts with genetic Nurr1 deficiency in the development of attentional impairments. <i>Journal of Neuroscience</i> , 2012 , 32, 436-51	6.6	93
194	Strain differences in the isolation-induced effects on prepulse inhibition of the acoustic startle response and on locomotor activity.. <i>Behavioral Neuroscience</i> , 2000 , 114, 364-373	2.1	93
193	Evaluating early preventive antipsychotic and antidepressant drug treatment in an infection-based neurodevelopmental mouse model of schizophrenia. <i>Schizophrenia Bulletin</i> , 2010 , 36, 607-23	1.3	92
192	Haloperidol differentially modulates prepulse inhibition and p50 suppression in healthy humans stratified for low and high gating levels. <i>Neuropsychopharmacology</i> , 2008 , 33, 497-512	8.7	92
191	Effect of a single maternal separation at different pup ages on the corticosterone stress response in adult and aged rats. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 73, 141-5	3.9	92
190	Performance of the marmoset monkey on computerized tasks of attention and working memory. <i>Cognitive Brain Research</i> , 2004 , 19, 123-37		90
189	Effect of excitotoxic lesions of rat medial prefrontal cortex on spatial memory. <i>Behavioural Brain Research</i> , 2002 , 133, 69-81	3.4	90
188	Amphetamine-induced neurochemical and locomotor responses are expressed differentially across the anteroposterior axis of the core and shell subterritories of the nucleus accumbens. <i>Synapse</i> , 1998 , 29, 310-22	2.4	89
187	Comparison of maternal separation and early handling in terms of their neurobehavioral effects in aged rats. <i>Neurobiology of Aging</i> , 2002 , 23, 457-66	5.6	89
186	The role of voluntary exercise in enriched rearing: a behavioral analysis. <i>Behavioral Neuroscience</i> , 2006 , 120, 787-803	2.1	87
185	The disruption of prepulse inhibition by social isolation in the Wistar rat: how robust is the effect?. <i>Pharmacology Biochemistry and Behavior</i> , 1998 , 59, 883-90	3.9	86
184	Early deprivation and behavioral and physiological responses to social separation/novelty in the marmoset. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 73, 259-69	3.9	86
183	The latent inhibition model of schizophrenia: further validation using the atypical neuroleptic, clozapine. <i>Biological Psychiatry</i> , 1996 , 40, 834-43	7.9	84
182	Prenatal exposure to infection: a primary mechanism for abnormal dopaminergic development in schizophrenia. <i>Psychopharmacology</i> , 2009 , 206, 587-602	4.7	83
181	Sex differences in the acoustic startle response and prepulse inhibition in Wistar rats. <i>Behavioural Brain Research</i> , 1999 , 104, 113-7	3.4	83
180	Early deprivation under specific conditions leads to reduced interest in reward in adulthood in Wistar rats. <i>Behavioural Brain Research</i> , 2005 , 156, 297-310	3.4	82

179	Transduction profiles of recombinant adeno-associated virus vectors derived from serotypes 2 and 5 in the nigrostriatal system of rats. <i>Journal of Virology</i> , 2004 , 78, 6808-17	6.6	80
178	The Effects of dizocilpine and phencyclidine on prepulse inhibition of the acoustic startle reflex and on prepulse-elicited reactivity in C57BL6 mice. <i>Neuropsychopharmacology</i> , 2004 , 29, 1865-77	8.7	80
177	Lewis/Fischer rat strain differences in endocrine and behavioural responses to environmental challenge. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 67, 809-19	3.9	80
176	Rat strain differences in open-field behavior and the locomotor stimulating and rewarding effects of amphetamine. <i>Pharmacology Biochemistry and Behavior</i> , 1998 , 59, 813-8	3.9	78
175	The impact of voluntary exercise on mental health in rodents: a neuroplasticity perspective. <i>Behavioural Brain Research</i> , 2008 , 192, 42-60	3.4	78
174	Effects of local infusions of dopaminergic drugs into the medial prefrontal cortex of rats on latent inhibition, prepulse inhibition and amphetamine induced activity. <i>Behavioural Brain Research</i> , 2000 , 107, 111-21	3.4	78
173	Age-related accumulation of Reelin in amyloid-like deposits. <i>Neurobiology of Aging</i> , 2009 , 30, 697-716	5.6	77
172	Chronic clozapine treatment improves prenatal infection-induced working memory deficits without influencing adult hippocampal neurogenesis. <i>Psychopharmacology</i> , 2010 , 208, 531-43	4.7	75
171	Long-term social isolation and medial prefrontal cortex: dopaminergic and cholinergic neurotransmission. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 77, 371-9	3.9	75
170	Dissociation between the effects of pre-weaning and/or post-weaning social isolation on prepulse inhibition and latent inhibition in adult Sprague-Dawley rats. <i>Behavioural Brain Research</i> , 2001 , 121, 207-18	3.4	73
169	Selective inactivation of adenosine A(2A) receptors in striatal neurons enhances working memory and reversal learning. <i>Learning and Memory</i> , 2011 , 18, 459-74	2.8	72
168	The International Society for Developmental Psychobiology annual meeting symposium: Impact of early life experiences on brain and behavioral development. <i>Developmental Psychobiology</i> , 2006 , 48, 583-602	3	71
167	The expression of prepulse inhibition of the acoustic startle reflex as a function of three pulse stimulus intensities, three prepulse stimulus intensities, and three levels of startle responsiveness in C57BL6/J mice. <i>Behavioural Brain Research</i> , 2005 , 163, 265-76	3.4	70
166	Haloperidol enhances latent inhibition in visual tasks in healthy people. <i>Psychopharmacology</i> , 1997 , 133, 262-8	4.7	66
165	Effects of electrolytic lesions of the medial prefrontal cortex or its subfields on 4-arm baited, 8-arm radial maze, two-way active avoidance and conditioned fear tasks in the rat. <i>Brain Research</i> , 1997 , 765, 37-50	3.7	65
164	Effects of MK801 and neuroleptics on prepulse inhibition: re-examination in two strains of rats. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 67, 647-58	3.9	65
163	Early parental deprivation in the marmoset monkey produces long-term changes in hippocampal expression of genes involved in synaptic plasticity and implicated in mood disorder. <i>Neuropsychopharmacology</i> , 2009 , 34, 1381-94	8.7	62
162	Early deprivation leads to altered behavioural, autonomic and endocrine responses to environmental challenge in adult Fischer rats. <i>European Journal of Neuroscience</i> , 2006 , 24, 2879-93	3.5	62

161	Hyperactivity, decreased startle reactivity, and disrupted prepulse inhibition following disinhibition of the rat ventral hippocampus by the GABA(A) receptor antagonist picrotoxin. <i>Psychopharmacology</i> , 2001 , 156, 225-33	4.7	62
160	Early social isolation, but not maternal separation, affects behavioral sensitization to amphetamine in male and female adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 70, 397-409	3.9	62
159	Specific neuronal protein: a new tool for histological evaluation of excitotoxic lesions. <i>Physiology and Behavior</i> , 2002 , 76, 449-56	3.5	61
158	Antipsychotic drug effects in a model of schizophrenic attentional disorder: a randomized controlled trial of the effects of haloperidol on latent inhibition in healthy people. <i>Biological Psychiatry</i> , 1996 , 40, 1135-43	7.9	61
157	Differential expression of PSD proteins in age-related spatial learning impairments. <i>Neurobiology of Aging</i> , 2007 , 28, 143-55	5.6	60
156	A differential involvement of the shell and core subterritories of the nucleus accumbens of the rats in memory processes.. <i>Behavioral Neuroscience</i> , 2003 , 117, 150-168	2.1	60
155	Apomorphine-induced prepulse inhibition disruption is associated with a paradoxical enhancement of prepulse stimulus reactivity. <i>Neuropsychopharmacology</i> , 2004 , 29, 240-8	8.7	60
154	Early deprivation leads to long-term reductions in motivation for reward and 5-HT1A binding and both effects are reversed by fluoxetine. <i>Neuropharmacology</i> , 2009 , 56, 692-701	5.5	59
153	Enhancing effects of nicotine and impairing effects of scopolamine on distinct aspects of performance in computerized attention and working memory tasks in marmoset monkeys. <i>Neuropharmacology</i> , 2006 , 51, 238-50	5.5	57
152	Significance of dopamine transmission in the rat medial prefrontal cortex for conditioned fear. <i>Cerebral Cortex</i> , 2003 , 13, 371-80	5.1	57
151	The postweaning social isolation in C57BL/6 mice: preferential vulnerability in the male sex. <i>Psychopharmacology</i> , 2008 , 197, 613-28	4.7	56
150	Effects of cocaine on dopamine in subregions of the rat prefrontal cortex and their efferents to subterritories of the nucleus accumbens. <i>European Journal of Pharmacology</i> , 1999 , 372, 143-55	5.3	56
149	Age-dependent phenotypic characteristics of a triple transgenic mouse model of Alzheimer disease. <i>Behavioral Neuroscience</i> , 2008 , 122, 733-47	2.1	55
148	Development of pituitary-adrenal endocrine function in the marmoset monkey: infant hypercortisolism is the norm. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 691-9	5.6	55
147	Transgenic overexpression of adenosine kinase in brain leads to multiple learning impairments and altered sensitivity to psychomimetic drugs. <i>European Journal of Neuroscience</i> , 2007 , 26, 3237-52	3.5	54
146	Effects of dorsal and ventral hippocampal NMDA stimulation on nucleus accumbens core and shell dopamine release. <i>Neuropharmacology</i> , 2006 , 51, 947-57	5.5	54
145	Direct and dam-mediated effects of prenatal dexamethasone on emotionality, cognition and HPA axis in adult Wistar rats. <i>Hormones and Behavior</i> , 2009 , 56, 364-75	3.7	52
144	Clozapine and haloperidol reinstate latent inhibition following its disruption during amphetamine withdrawal. <i>Neuropsychopharmacology</i> , 2002 , 26, 765-77	8.7	52

143	Effects of the mGluR2/3 agonist LY354740 on computerized tasks of attention and working memory in marmoset monkeys. <i>Psychopharmacology</i> , 2005 , 179, 292-302	4.7	52
142	The partial reinforcement extinction effect after treatment with chlordiazepoxide. <i>Psychopharmacology</i> , 1981 , 73, 269-75	4.7	52
141	Disruption of hippocampus-regulated behavioural and cognitive processes by heterozygous constitutive deletion of SynGAP. <i>European Journal of Neuroscience</i> , 2010 , 31, 529-43	3.5	50
140	Latent inhibition, but not prepulse inhibition, is reduced during withdrawal from an escalating dosage schedule of amphetamine.. <i>Behavioral Neuroscience</i> , 2001 , 115, 1247-1256	2.1	50
139	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. <i>Behavioural Brain Research</i> , 2014 , 262, 47-56	3.4	48
138	Cognitive impairment following prenatal immune challenge in mice correlates with prefrontal cortical AKT1 deficiency. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 981-96	5.8	48
137	Effects of hippocampal N-methyl-[D]-aspartate infusion on locomotor activity and prepulse inhibition: Differences between the dorsal and ventral hippocampus.. <i>Behavioral Neuroscience</i> , 2002 , 116, 72-84	2.1	48
136	Lack of effect of an early stressful life event on sensorimotor gating in adult rats. <i>Schizophrenia Research</i> , 2000 , 41, 365-71	3.6	48
135	Constitutive genetic deletion of the growth regulator Nogo-A induces schizophrenia-related endophenotypes. <i>Journal of Neuroscience</i> , 2010 , 30, 556-67	6.6	46
134	Primate early life stress leads to long-term mild hippocampal decreases in corticosteroid receptor expression. <i>Biological Psychiatry</i> , 2010 , 67, 1106-9	7.9	46
133	Prenatal dexamethasone exposure, postnatal development, and adulthood prepulse inhibition and latent inhibition in Wistar rats. <i>Behavioural Brain Research</i> , 2006 , 175, 51-61	3.4	46
132	An automated analysis of rat behavior in the forced swim test. <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 70, 65-76	3.9	46
131	Deficient maternal care resulting from immunological stress during pregnancy is associated with a sex-dependent enhancement of conditioned fear in the offspring. <i>Journal of Neurodevelopmental Disorders</i> , 2009 , 1, 15-32	4.6	45
130	Are DBA/2 mice associated with schizophrenia-like endophenotypes? A behavioural contrast with C57BL/6 mice. <i>Psychopharmacology</i> , 2009 , 206, 677-98	4.7	44
129	Long-term effects of repeated maternal separation on three different latent inhibition paradigms. <i>Pharmacology Biochemistry and Behavior</i> , 1998 , 59, 873-82	3.9	44
128	Effects of prenatal dexamethasone treatment on physical growth, pituitary-adrenal hormones, and performance of motor, motivational, and cognitive tasks in juvenile and adolescent common marmoset monkeys. <i>Endocrinology</i> , 2008 , 149, 6343-55	4.8	44
127	Effects of prenatal dexamethasone treatment on postnatal physical, endocrine, and social development in the common marmoset monkey. <i>Endocrinology</i> , 2007 , 148, 1813-22	4.8	44
126	Evidence for altered monoamine activity and emotional and cognitive disturbance in marmoset monkeys exposed to early life stress. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1032, 245-9	6.5	44

125	Hippocampal lesioned rats are able to learn a spatial position using non-spatial strategies. <i>Behavioural Brain Research</i> , 2002 , 133, 279-91	3.4	44
124	Effect of the 5-HT6 receptor antagonists Ro04-6790 and Ro65-7199 on latent inhibition and prepulse inhibition in the rat: comparison to clozapine. <i>Pharmacology Biochemistry and Behavior</i> , 2003 , 75, 281-8	3.9	43
123	The glycine transporter 1 inhibitor SSR504734 enhances working memory performance in a continuous delayed alternation task in C57BL/6 mice. <i>Psychopharmacology</i> , 2009 , 202, 371-84	4.7	42
122	Expression of sensitization to amphetamine and dynamics of dopamine neurotransmission in different laminae of the rat medial prefrontal cortex. <i>Neuropharmacology</i> , 2001 , 40, 366-82	5.5	42
121	Postnatal ontogeny of hippocampal expression of the mineralocorticoid and glucocorticoid receptors in the common marmoset monkey. <i>European Journal of Neuroscience</i> , 2005 , 21, 1521-35	3.5	40
120	Enhanced recognition memory following glycine transporter 1 deletion in forebrain neurons. <i>Behavioral Neuroscience</i> , 2007 , 121, 815-25	2.1	39
119	Early life stress: long-term physiological impact in rodents and primates. <i>Physiology</i> , 2002 , 17, 150-5	9.8	39
118	Limited impact of social isolation on Alzheimer-like symptoms in a triple transgenic mouse model. <i>Behavioral Neuroscience</i> , 2009 , 123, 181-95	2.1	38
117	Latent inhibition is unaffected by direct dopamine agonists. <i>Pharmacology Biochemistry and Behavior</i> , 1991 , 38, 309-14	3.9	38
116	Phencyclidine does not disrupt latent inhibition in rats: implications for animal models of schizophrenia. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 42, 625-31	3.9	38
115	Glycine transporter 1 as a potential therapeutic target for schizophrenia-related symptoms: evidence from genetically modified mouse models and pharmacological inhibition. <i>Biochemical Pharmacology</i> , 2011 , 81, 1065-77	6	37
114	Impaired prepulse inhibition and prepulse-elicited reactivity but intact reflex circuit excitability in unmedicated schizophrenia patients: a comparison with healthy subjects and medicated schizophrenia patients. <i>Schizophrenia Bulletin</i> , 2009 , 35, 244-55	1.3	37
113	Regulation of cognition and symptoms of psychosis: focus on GABA(A) receptors and glycine transporter 1. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 90, 58-64	3.9	37
112	Overexpression of Parkinson's disease-associated alpha-synucleinA53T by recombinant adeno-associated virus in mice does not increase the vulnerability of dopaminergic neurons to MPTP. <i>Journal of Neurobiology</i> , 2002 , 53, 1-10		37
111	Hippocampus and classical fear conditioning. <i>Hippocampus</i> , 2001 , 11, 828-31	3.5	37
110	Tumor necrosis factor-alpha receptor ablation in a chronic MPTP mouse model of Parkinson's disease. <i>Neuroscience Letters</i> , 2005 , 375, 107-11	3.3	36
109	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. <i>Behavioural Pharmacology</i> , 2006 , 17, 31-41	2.4	35
108	Behavioural and cardiovascular responses during latent inhibition of conditioned fear: measurement by telemetry and conditioned freezing. <i>Behavioural Brain Research</i> , 2004 , 154, 199-209	3.4	35

107	The prenatal methylazoxymethanol acetate treatment: a neurodevelopmental animal model for schizophrenia?. <i>Behavioural Brain Research</i> , 2004 , 149, 159-81	3.4	35
106	Activation of the retrohippocampal region in the rat causes dopamine release in the nucleus accumbens: disruption by fornix section. <i>European Journal of Pharmacology</i> , 2000 , 407, 131-8	5.3	35
105	Disruption of prepulse inhibition following N-methyl-D-aspartate infusion into the ventral hippocampus is antagonized by clozapine but not by haloperidol: a possible model for the screening of atypical antipsychotics. <i>NeuroReport</i> , 1999 , 10, 2533-8	1.7	35
104	Circadian- and temperature-specific effects of early deprivation on rat maternal care and pup development: short-term markers for long-term effects?. <i>Developmental Psychobiology</i> , 2004 , 45, 59-71 ³		34
103	NMDA lesions in the medial prefrontal cortex impair the ability to inhibit responses during reversal of a simple spatial discrimination. <i>Behavioural Brain Research</i> , 2004 , 152, 413-24	3.4	34
102	Gene expression in the anterior cingulate cortex and amygdala of adolescent marmoset monkeys following parental separations in infancy. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 761-72	5.8	33
101	The effects of hippocampal and fimbria/fornix lesions on prepulse inhibition.. <i>Behavioral Neuroscience</i> , 1999 , 113, 968-981	2.1	33
100	Effects of blocking the dopamine biosynthesis and of neurotoxic dopamine depletion with 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) on voluntary wheel running in mice. <i>Behavioural Brain Research</i> , 2004 , 154, 375-83	3.4	32
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