

Maarten van den Buuse

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.

186
papers

4,828
citations

40
h-index

59
g-index

192
ext. papers

5,471
ext. citations

4.5
avg, IF

6.13
L-index

#	Paper	IF	Citations
186	Sex Differences in Psychosis: Focus on Animal Models.. <i>Current Topics in Behavioral Neurosciences</i> , 2022 , 1	3.4	0
185	Behavioral phenotyping of a rat model of the BDNF Val66Met polymorphism reveals selective impairment of fear memory.. <i>Translational Psychiatry</i> , 2022 , 12, 93	8.6	2
184	Differential effects of chronic adolescent glucocorticoid or methamphetamine on drug-induced locomotor hyperactivity and disruption of prepulse inhibition in adulthood in mice.. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 110552	5.5	0
183	The BDNF Val66Met Polymorphism Does Not Increase Susceptibility to Activity-Based Anorexia in Rats. <i>Biology</i> , 2022 , 11, 623	4.9	0
182	Chronic Methamphetamine and Psychosis Pathways 2022 , 1-26		0
181	Suppression of Corticostriatal Circuit Activity Improves Cognitive Flexibility and Prevents Body Weight Loss in Activity-Based Anorexia in Rats. <i>Biological Psychiatry</i> , 2021 , 90, 819-828	7.9	10
180	Brain-Derived neurotrophic factor Val66Met induces female-specific changes in impulsive behaviour and alcohol self-administration in mice. <i>Behavioural Brain Research</i> , 2021 , 401, 113090	3.4	2
179	TrkB agonist 7,8-dihydroxyflavone reverses an induced prepulse inhibition deficit selectively in maternal immune activation offspring: implications for schizophrenia. <i>Behavioural Pharmacology</i> , 2021 , 32, 404-412	2.4	1
178	Cortical expression of the RAPGEF1 gene in schizophrenia: investigating regional differences and suicide. <i>Psychiatry Research</i> , 2021 , 298, 113818	9.9	0
177	Long-term effects of young-adult methamphetamine on dorsal raphe serotonin systems in mice: Role of brain-derived neurotrophic factor. <i>Brain Research</i> , 2021 , 1762, 147428	3.7	3
176	Chronic methamphetamine interacts with BDNF Val66Met to remodel psychosis pathways in the mesocorticolimbic proteome. <i>Molecular Psychiatry</i> , 2021 , 26, 4431-4447	15.1	16
175	Behavioural phenotyping of thunder mice with a hypomorphic mutation of heterogeneous nuclear ribonuclear protein L-like (hnRNPLL) and reduced T cell function. <i>Neuroscience Letters</i> , 2021 , 740, 135469-73	3.3	1
174	Maternal immune activation targeted to a window of parvalbumin interneuron development improves spatial working memory: Implications for autism. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 339-349	16.6	6
173	Brain-Derived Neurotrophic Factor and Its Role in Stress-Related Disorders 2021 , 253-261		
172	Effect of Pleomorphic Adenoma Gene 1 Deficiency on Selected Behaviours in Adult Mice. <i>Neuroscience</i> , 2021 , 455, 30-38	3.9	2
171	Brain-derived Neurotropic Factor val66met is a Strong Predictor of Decision Making and Attention Performance on the CONVIRT Virtual Reality Cognitive Battery. <i>Neuroscience</i> , 2021 , 455, 19-29	3.9	1
170	Brain-Derived Neurotrophic Factor Val66Met polymorphism interacts with adolescent stress to alter hippocampal interneuron density and dendritic morphology in mice. <i>Neurobiology of Stress</i> , 2020 , 13, 100253	7.6	3

169	7,8-Dihydroxyflavone Enhances Cue-Conditioned Alcohol Reinstatement in Rats. <i>Brain Sciences</i> , 2020 , 10,	3.4	3
168	The Effect of Chronic Methamphetamine Treatment on Schizophrenia Endophenotypes in Heterozygous Reelin Mice: Implications for Schizophrenia. <i>Biomolecules</i> , 2020 , 10,	5.9	1
167	Pharmacological Mechanisms Involved in Sensory Gating Disruption Induced by (±)-3,4-Methylenedioxymethamphetamine (MDMA): Relevance to Schizophrenia. <i>Brain Sciences</i> , 2020 , 10,	3.4	1
166	Effects of beta-hydroxybutyrate administration on MK-801-induced schizophrenia-like behaviour in mice. <i>Psychopharmacology</i> , 2020 , 237, 1397-1405	4.7	10
165	The effect of 17β-estradiol on maternal immune activation-induced changes in prepulse inhibition and dopamine receptor and transporter binding in female rats. <i>Schizophrenia Research</i> , 2020 , 223, 249-257	3.6	3
164	Acute NMDA receptor antagonism impairs working memory performance but not attention in rats-Implications for the NMDAR hypofunction theory of schizophrenia. <i>Behavioral Neuroscience</i> , 2020 , 134, 323-331	2.1	4
163	Neurobiology of BDNF in fear memory, sensitivity to stress, and stress-related disorders. <i>Molecular Psychiatry</i> , 2020 , 25, 2251-2274	15.1	95
162	Sex differences in the effect of maternal immune activation on cognitive and psychosis-like behaviour in Long Evans rats. <i>European Journal of Neuroscience</i> , 2020 , 52, 2614-2626	3.5	18
161	Interaction of reelin and stress on immobility in the forced swim test but not dopamine-mediated locomotor hyperactivity or prepulse inhibition disruption: Relevance to psychotic and mood disorders. <i>Schizophrenia Research</i> , 2020 , 215, 485-492	3.6	9
160	Involvement of brain-derived neurotrophic factor (BDNF) in the long-term memory effects of glucocorticoid stimulation during adolescence/young adulthood. <i>Behavioural Brain Research</i> , 2020 , 377, 112223	3.4	2
159	Mild Closed-Head Injury in Conscious Rats Causes Transient Neurobehavioral and Glial Disturbances: A Novel Experimental Model of Concussion. <i>Journal of Neurotrauma</i> , 2019 , 36, 2260-2271	5.4	20
158	Effect of adolescent androgen manipulation on psychosis-like behaviour in adulthood in BDNF heterozygous and control mice. <i>Hormones and Behavior</i> , 2019 , 112, 32-41	3.7	2
157	GAL receptor knockout mice exhibit an alcohol-preferring phenotype. <i>Addiction Biology</i> , 2019 , 24, 886-897	4.7	3
156	Ketogenic diet and olanzapine treatment alone and in combination reduce a pharmacologically-induced prepulse inhibition deficit in female mice. <i>Schizophrenia Research</i> , 2019 , 212, 221-224	3.6	4
155	Tremorgenic effects and functional metabolomics analysis of lolitrem B and its biosynthetic intermediates. <i>Scientific Reports</i> , 2019 , 9, 9364	4.9	7
154	Ketogenic diet prevents impaired prepulse inhibition of startle in an acute NMDA receptor hypofunction model of schizophrenia. <i>Schizophrenia Research</i> , 2019 , 206, 244-250	3.6	22
153	Brain-Derived Neurotrophic Factor (BDNF): Novel Insights into Regulation and Genetic Variation. <i>Neuroscientist</i> , 2019 , 25, 434-454	7.6	54
152	Brain-derived neurotrophic factor (BDNF) determines a sex difference in cue-conditioned alcohol seeking in rats. <i>Behavioural Brain Research</i> , 2018 , 339, 73-78	3.4	8

151	Interaction of Brain-Derived Neurotrophic Factor Val66Met genotype and history of stress in regulation of prepulse inhibition in mice. <i>Schizophrenia Research</i> , 2018 , 198, 60-67	3.6	5
150	Brain-derived neurotrophic factor haploinsufficiency impairs high-frequency cortical oscillations in mice. <i>European Journal of Neuroscience</i> , 2018 , 48, 2816-2825	3.5	10
149	Reelin Haploinsufficiency and Late-Adolescent Corticosterone Treatment Induce Long-Lasting and Female-Specific Molecular Changes in the Dorsal Hippocampus. <i>Brain Sciences</i> , 2018 , 8,	3.4	5
148	BDNF haploinsufficiency exerts a transient and regionally different influence upon oligodendroglial lineage cells during postnatal development. <i>Molecular and Cellular Neurosciences</i> , 2018 , 90, 12-21	4.8	10
147	The effect of estrogenic compounds on psychosis-like behaviour in female rats. <i>PLoS ONE</i> , 2018 , 13, e0193853	3.7	10
146	Short-Term Environmental Stimulation Spatiotemporally Modulates Specific Serotonin Receptor Gene Expression and Behavioral Pharmacology in a Sexually Dimorphic Manner in Huntington's Disease Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 433	6.1	8
145	Sex-Dependent Effects of Environmental Enrichment on Spatial Memory and Brain-Derived Neurotrophic Factor (BDNF) Signaling in a Developmental "Two-Hit" Mouse Model Combining BDNF Haploinsufficiency and Chronic Glucocorticoid Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 227	3.5	4
144	Sex differences in psychotomimetic-induced behaviours in rats. <i>Behavioural Brain Research</i> , 2017 , 322, 157-166	3.4	10
143	Estradiol and raloxifene modulate hippocampal gamma oscillations during a spatial memory task. <i>Psychoneuroendocrinology</i> , 2017 , 78, 85-92	5	16
142	Does genetic BDNF deficiency in rats interact with neurotransmitter control of prepulse inhibition? Implications for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 75, 192-198	5.5	7
141	BDNF Val66Met Genotype Interacts With a History of Simulated Stress Exposure to Regulate Sensorimotor Gating and Startle Reactivity. <i>Schizophrenia Bulletin</i> , 2017 , 43, 665-672	1.3	21
140	Spatial working memory in the touchscreen operant platform is disrupted in female rats by ovariectomy but not estrous cycle. <i>Neurobiology of Learning and Memory</i> , 2017 , 144, 147-154	3.1	10
139	Selective enhancement of NMDA receptor-mediated locomotor hyperactivity by male sex hormones in mice. <i>Psychopharmacology</i> , 2017 , 234, 2727-2735	4.7	11
138	Investigating the Role of Serotonin in Methamphetamine Psychosis: Unaltered Behavioral Effects of Chronic Methamphetamine in 5-HT Knockout Mice. <i>Frontiers in Psychiatry</i> , 2017 , 8, 61	5	6
137	The Effect of 17 β Estradiol and Its Analogues on Cognition in Preclinical and Clinical Research: Relevance to Schizophrenia 2017 , 355-374		3
136	BDNF-Deficient Mice Show Reduced Psychosis-Related Behaviors Following Chronic Methamphetamine. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	22
135	Altered social cognition in male BDNF heterozygous mice and following chronic methamphetamine exposure. <i>Behavioural Brain Research</i> , 2016 , 305, 181-5	3.4	13
134	Dissecting a Genomic Role of BDNF in Schizophrenia and Psychosis. <i>Journal of Clinical Psychiatry</i> , 2016 , 77, e1029-31	4.6	4

133	Serotonin Projections, the Dorsal and Median Raphe Nuclei, and Phencyclidine (Also Called Angel Dust or PCP) 2016 , 714-722		
132	Effect of Endothelin-1 on Baroreflexes and the Cardiovascular Action of Clonidine in Conscious Rabbits. <i>Frontiers in Physiology</i> , 2016 , 7, 321	4.6	3
131	Progesterone: The neglected hormone in schizophrenia? A focus on progesterone-dopamine interactions. <i>Psychoneuroendocrinology</i> , 2016 , 74, 126-140	5	46
130	Comparing the effects of 17βestradiol and the selective oestrogen receptor modulators, raloxifene and tamoxifen, on prepulse inhibition in female rats. <i>Schizophrenia Research</i> , 2015 , 168, 634-93.6	3.6	22
129	Gene-environment interaction of reelin and stress in cognitive behaviours in mice: Implications for schizophrenia. <i>Behavioural Brain Research</i> , 2015 , 287, 304-14	3.4	27
128	Environmental Enrichment Ameliorates Behavioral Impairments Modeling Schizophrenia in Mice Lacking Metabotropic Glutamate Receptor 5. <i>Neuropsychopharmacology</i> , 2015 , 40, 1947-56	8.7	44
127	Chronic estrogen and progesterone treatment inhibits ketamine-induced disruption of prepulse inhibition in rats. <i>Neuroscience Letters</i> , 2015 , 607, 72-76	3.3	11
126	Brain-derived neurotrophic factor heterozygous mutant rats show selective cognitive changes and vulnerability to chronic corticosterone treatment. <i>Neuroscience</i> , 2015 , 284, 297-310	3.9	23
125	Dopaminergic activity and behaviour in SOCS2 transgenic mice: Revealing a potential drug target for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 56, 247-53	5.5	
124	14-3-3γ-deficient mice in the BALB/c background display behavioural and anatomical defects associated with neurodevelopmental disorders. <i>Scientific Reports</i> , 2015 , 5, 12434	4.9	28
123	A role for the BDNF gene Val66Met polymorphism in schizophrenia? A comprehensive review. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 51, 15-30	9	96
122	Two Hit Neurodevelopmental Mechanisms in Schizophrenia: Focus on Animal Models and the Role of BDNF 2015 , 335-351		0
121	Is the mTOR-signalling cascade disrupted in Schizophrenia?. <i>Journal of Neurochemistry</i> , 2014 , 129, 377-87		56
120	Sex-specific disruptions in spatial memory and anhedonia in a "two hit" rat model correspond with alterations in hippocampal brain-derived neurotrophic factor expression and signaling. <i>Hippocampus</i> , 2014 , 24, 1197-211	3.5	69
119	Effects of neonatal treatment with the TRPV1 agonist, capsaicin, on adult rat brain and behaviour. <i>Behavioural Brain Research</i> , 2014 , 272, 55-65	3.4	14
118	Differential effects of estrogen and testosterone on auditory sensory gating in rats. <i>Psychopharmacology</i> , 2014 , 231, 243-56	4.7	12
117	Long-term effects of combined neonatal and adolescent stress on brain-derived neurotrophic factor and dopamine receptor expression in the rat forebrain. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 2126-35	6.9	29
116	Sex differences in the adolescent developmental trajectory of parvalbumin interneurons in the hippocampus: a role for estradiol. <i>Psychoneuroendocrinology</i> , 2014 , 45, 167-78	5	50

115	BDNF impairment is associated with age-related changes in the inner retina and exacerbates experimental glaucoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014 , 1842, 1567-78	6.9	88
114	Long-term differential effects of chronic young-adult corticosterone exposure on anxiety and depression-like behaviour in BDNF heterozygous rats depend on the experimental paradigm used. <i>Neuroscience Letters</i> , 2014 , 576, 6-10	3.3	15
113	Effects of aberrant gamma frequency oscillations on prepulse inhibition. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1671-81	5.8	23
112	Corticosterone treatment during adolescence induces down-regulation of reelin and NMDA receptor subunit GLUN2C expression only in male mice: implications for schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1221-32	5.8	16
111	The effect of piribedil on L-DOPA-induced dyskinesias in a rat model of Parkinson's disease: differential role of $\alpha(2)$ adrenergic mechanisms. <i>Journal of Neural Transmission</i> , 2013 , 120, 31-6	4.3	9
110	Modafinil disrupts prepulse inhibition in mice: strain differences and involvement of dopaminergic and serotonergic activation. <i>European Journal of Pharmacology</i> , 2013 , 699, 132-40	5.3	9
109	Schizophrenia-like disruptions of sensory gating by serotonin receptor stimulation in rats: effect of MDMA, DOI and 8-OH-DPAT. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 112, 71-7	3.9	5
108	Exploring the role of 5-HT1A receptors in the regulation of prepulse inhibition in mice: implications for cross-species comparisons. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 149-60	5.7	7
107	Hippocampal serotonin depletion unmasks differences in the hyperlocomotor effects of phencyclidine and MK-801: quantitative versus qualitative analyses. <i>Frontiers in Pharmacology</i> , 2013 , 4, 109	5.6	6
106	Sex-dependent alterations in BDNF-TrkB signaling in the hippocampus of reelin heterozygous mice: a role for sex steroid hormones. <i>Journal of Neurochemistry</i> , 2013 , 126, 389-99	6	19
105	An investigation into "two hit" effects of BDNF deficiency and young-adult cannabinoid receptor stimulation on prepulse inhibition regulation and memory in mice. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 149	3.5	23
104	BDNF deficiency and young-adult methamphetamine induce sex-specific effects on prepulse inhibition regulation. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 92	6.1	36
103	Sex-specific and region-specific changes in BDNF-TrkB signalling in the hippocampus of 5-HT1A receptor and BDNF single and double mutant mice. <i>Brain Research</i> , 2012 , 1452, 10-7	3.7	24
102	Long-term behavioral and NMDA receptor effects of young-adult corticosterone treatment in BDNF heterozygous mice. <i>Neurobiology of Disease</i> , 2012 , 46, 722-31	7.5	54
101	The role of estrogen and testosterone in female rats in behavioral models of relevance to schizophrenia. <i>Psychopharmacology</i> , 2012 , 219, 213-24	4.7	51
100	Altered N-methyl-D-aspartate receptor function in reelin heterozygous mice: male-female differences and comparison with dopaminergic activity. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012 , 37, 237-46	5.5	27
99	Chronic cannabinoid treatment during young adulthood induces sex-specific behavioural deficits in maternally separated rats. <i>Behavioural Brain Research</i> , 2012 , 233, 305-13	3.4	24
98	Drugs of abuse and increased risk of psychosis development. <i>Australian and New Zealand Journal of Psychiatry</i> , 2012 , 46, 1120-35	2.6	36

97	Differential role of serotonin projections from the dorsal and median raphe nuclei in phencyclidine-induced hyperlocomotion and fos-like immunoreactivity in rats. <i>Synapse</i> , 2012 , 66, 885-92 ²⁻⁴	7
96	N-acetyl cysteine restores brain glutathione loss in combined 2-cyclohexene-1-one and d-amphetamine-treated rats: relevance to schizophrenia and bipolar disorder. <i>Neuroscience Letters</i> , 2011 , 499, 149-53	3.3 66
95	Hippocampal serotonin depletion facilitates the enhancement of prepulse inhibition by risperidone: possible role of 5-HT(2C) receptors in the dorsal hippocampus. <i>Neuropharmacology</i> , 2011 , 61, 458-67	5.5 10
94	Enhanced effects of amphetamine but reduced effects of the hallucinogen, 5-MeO-DMT, on locomotor activity in 5-HT(1A) receptor knockout mice: implications for schizophrenia. <i>Neuropharmacology</i> , 2011 , 61, 209-16	5.5 28
93	Disruption of prepulse inhibition by 3,4-methylenedioxymethamphetamine (MDMA): comparison between male and female wild-type and 5-HT(1A) receptor knockout mice. <i>International Journal of Neuropsychopharmacology</i> , 2011 , 14, 856-61	5.8 15
92	Differential effect of amphetamine on c-fos expression in female aromatase knockout (ArKO) mice compared to wildtype controls. <i>Psychoneuroendocrinology</i> , 2011 , 36, 761-8	5 4
91	Sex-dependent and region-specific changes in TrkB signaling in BDNF heterozygous mice. <i>Brain Research</i> , 2011 , 1384, 51-60	3.7 62
90	Flibanserin attenuates L: -DOPA-sensitized contraversive circling in the unilaterally 6-hydroxydopamine-lesioned rat model of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2011 , 118, 1727-32	4.3 7
89	Role of dopamine D3 and serotonin 5-HT 1A receptors in L: -DOPA-induced dyskinesias and effects of sarizotan in the 6-hydroxydopamine-lesioned rat model of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2011 , 118, 1733-42	4.3 15
88	Brain-derived neurotrophic factor expression is increased in the hippocampus of 5-HT(2C) receptor knockout mice. <i>Hippocampus</i> , 2011 , 21, 434-45	3.5 30
87	Interaction of estrogen with central serotonergic mechanisms in human sensory processing: loudness dependence of the auditory evoked potential and mismatch negativity. <i>Journal of Psychopharmacology</i> , 2011 , 25, 1614-22	4.6 8
86	Modeling the positive symptoms of schizophrenia in genetically modified mice: pharmacology and methodology aspects. <i>Schizophrenia Bulletin</i> , 2010 , 36, 246-70	1.3 257
85	Estrogen treatment blocks 8-hydroxy-2-dipropylaminotetralin- and apomorphine-induced disruptions of prepulse inhibition: involvement of dopamine D1 or D2 or serotonin 5-HT1A, 5-HT2A, or 5-HT7 receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 218-27	4.7 56
84	Behavioural phenotype of APPC100.V717F transgenic mice over-expressing a mutant Abeta-bearing fragment is associated with reduced NMDA receptor density. <i>Behavioural Brain Research</i> , 2010 , 209, 27-35	3.4 11
83	Brain-derived neurotrophic factor promotes central nervous system myelination via a direct effect upon oligodendrocytes. <i>NeuroSignals</i> , 2010 , 18, 186-202	1.9 165
82	A genetic epilepsy rat model displays endophenotypes of psychosis. <i>Neurobiology of Disease</i> , 2010 , 39, 116-25	7.5 45
81	Interaction of glutathione depletion and psychotropic drug treatment in prepulse inhibition in rats and mice. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 97, 293-300	3.9 13
80	Effects of N-acetyl-cysteine treatment on glutathione depletion and a short-term spatial memory deficit in 2-cyclohexene-1-one-treated rats. <i>European Journal of Pharmacology</i> , 2010 , 649, 224-8	5.3 44

79	The effect of estrogen on dopamine and serotonin receptor and transporter levels in the brain: an autoradiography study. <i>Brain Research</i> , 2010 , 1321, 51-9	3.7	100
78	Clozapine reverses schizophrenia-related behaviours in the metabotropic glutamate receptor 5 knockout mouse: association with N-methyl-D-aspartic acid receptor up-regulation. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 45-60	5.8	98
77	Gender differences in prepulse inhibition (PPI) in bipolar disorder: men have reduced PPI, women have increased PPI. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 1249-59	5.8	40
76	Psychotropic drug-induced locomotor hyperactivity and prepulse inhibition regulation in male and female aromatase knockout (ArKO) mice: role of dopamine D1 and D2 receptors and dopamine transporters. <i>Psychopharmacology</i> , 2009 , 206, 267-79	4.7	26
75	Serotonergic lesions of the dorsal hippocampus differentially modulate locomotor hyperactivity induced by drugs of abuse in rats: implications for schizophrenia. <i>Psychopharmacology</i> , 2009 , 206, 665-76	4.7	9
74	The effect of 'two hit' neonatal and young-adult stress on dopaminergic modulation of prepulse inhibition and dopamine receptor density. <i>British Journal of Pharmacology</i> , 2009 , 156, 388-96	8.6	47
73	Glutathione depletion in the brain disrupts short-term spatial memory in the Y-maze in rats and mice. <i>Behavioural Brain Research</i> , 2009 , 198, 258-62	3.4	59
72	Neuregulin 1 hypomorphic mutant mice: enhanced baseline locomotor activity but normal psychotropic drug-induced hyperlocomotion and prepulse inhibition regulation. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 1383-93	5.8	80
71	Does angiotensin interact with dopaminergic mechanisms in the brain to modulate prepulse inhibition in mice?. <i>Neuropharmacology</i> , 2008 , 54, 399-404	5.5	9
70	Serotonin depletion in the dorsal and ventral hippocampus: effects on locomotor hyperactivity, prepulse inhibition and learning and memory. <i>Neuropharmacology</i> , 2008 , 55, 1048-55	5.5	50
69	Alpha-synuclein transgenic mice exhibit reduced anxiety-like behaviour. <i>Experimental Neurology</i> , 2008 , 210, 788-92	5.7	49
68	Phencyclidine-induced locomotor hyperactivity is enhanced in mice after stereotaxic brain serotonin depletion. <i>Behavioural Brain Research</i> , 2008 , 191, 289-93	3.4	8
67	Attenuated disruption of prepulse inhibition by dopaminergic stimulation after maternal deprivation and adolescent corticosterone treatment in rats. <i>European Neuropsychopharmacology</i> , 2008 , 18, 1-13	1.2	35
66	Role of serotonin-1A receptors in the action of antipsychotic drugs: comparison of prepulse inhibition studies in mice and rats and relevance for human pharmacology. <i>Behavioural Pharmacology</i> , 2008 , 19, 548-61	2.4	29
65	Combined neonatal stress and young-adult glucocorticoid stimulation in rats reduce BDNF expression in hippocampus: effects on learning and memory. <i>Hippocampus</i> , 2008 , 18, 655-67	3.5	99
64	Mice deficient in the alpha subunit of G(z) show changes in pre-pulse inhibition, anxiety and responses to 5-HT(1A) receptor stimulation, which are strongly dependent on the genetic background. <i>Psychopharmacology</i> , 2007 , 195, 273-83	4.7	20
63	Differential effects of antipsychotic drugs on serotonin-1A receptor-mediated disruption of prepulse inhibition. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 1224-36	4.7	29
62	Early maternal deprivation reduces prepulse inhibition and impairs spatial learning ability in adulthood: no further effect of post-pubertal chronic corticosterone treatment. <i>Behavioural Brain Research</i> , 2007 , 176, 323-32	3.4	66

61	Oestrogen modulation of the effect of 8-OH-DPAT on prepulse inhibition: effects of aromatase deficiency and castration in mice. <i>Psychopharmacology</i> , 2006 , 188, 100-10	4.7	13
60	Estrogen prevents 5-HT _{1A} receptor-induced disruptions of prepulse inhibition in healthy women. <i>Neuropsychopharmacology</i> , 2006 , 31, 885-9	8.7	51
59	Improved spatial recognition memory in mice lacking adenosine A _{2A} receptors. <i>Experimental Neurology</i> , 2006 , 199, 438-45	5.7	60
58	Differential involvement of 5-HT projections within the amygdala in prepulse inhibition but not in psychotomimetic drug-induced hyperlocomotion. <i>Behavioural Brain Research</i> , 2006 , 168, 74-82	3.4	15
57	SCH 23390 in the prefrontal cortex enhances the effect of apomorphine on prepulse inhibition of rats. <i>Neuropharmacology</i> , 2006 , 51, 438-46	5.5	21
56	Effects of haloperidol and clozapine on sensorimotor gating deficits induced by 5-hydroxytryptamine depletion in the brain. <i>British Journal of Pharmacology</i> , 2006 , 147, 800-7	8.6	13
55	Hippocampal NMDA receptor subunit expression and watermaze learning in estrogen deficient female mice. <i>Molecular Brain Research</i> , 2005 , 140, 127-32		29
54	Reduced effects of amphetamine on prepulse inhibition of startle in gastrin-deficient mice. <i>Neuroscience Letters</i> , 2005 , 373, 237-42	3.3	11
53	Angiotensin-converting enzyme (ACE) interacts with dopaminergic mechanisms in the brain to modulate prepulse inhibition in mice. <i>Neuroscience Letters</i> , 2005 , 380, 6-11	3.3	17
52	Interaction of corticosterone and nicotine in regulation of prepulse inhibition in mice. <i>Neuropharmacology</i> , 2005 , 48, 80-92	5.5	19
51	Pituitary volume predicts future transition to psychosis in individuals at ultra-high risk of developing psychosis. <i>Biological Psychiatry</i> , 2005 , 58, 417-23	7.9	174
50	Involvement of serotonin _{1A} receptors in cardiovascular responses to stress: a radio-telemetry study in four rat strains. <i>European Journal of Pharmacology</i> , 2005 , 507, 187-98	5.3	27
49	Brain serotonin depletion by lesions of the median raphe nucleus enhances the psychotomimetic action of phencyclidine, but not dizocilpine (MK-801), in rats. <i>Brain Research</i> , 2005 , 1049, 217-26	3.7	19
48	The effect of low estrogen state on serotonin transporter function in mouse hippocampus: a behavioral and electrochemical study. <i>Brain Research</i> , 2005 , 1064, 10-20	3.7	42
47	8-OH-DPAT-induced effects on prepulse inhibition: pre- vs. post-synaptic 5-HT _{1A} receptor activation. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 664-72	3.9	16
46	Estrogen and progesterone prevent disruption of prepulse inhibition by the serotonin-1A receptor agonist 8-hydroxy-2-dipropylaminotetralin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 309, 267-74	4.7	63
45	Functional dissociation between serotonergic pathways in dorsal and ventral hippocampus in psychotomimetic drug-induced locomotor hyperactivity and prepulse inhibition in rats. <i>European Journal of Neuroscience</i> , 2004 , 20, 3424-32	3.5	28
44	Effect of adrenalectomy and corticosterone replacement on prepulse inhibition and locomotor activity in mice. <i>British Journal of Pharmacology</i> , 2004 , 142, 543-50	8.6	30

43	Prepulse inhibition of acoustic startle in spontaneously hypertensive rats. <i>Behavioural Brain Research</i> , 2004 , 154, 331-7	3.4	18
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