

Gregers Wegener

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2433117/gregers-wegener-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

208
papers

5,698
citations

43
h-index

64
g-index

237
ext. papers

6,751
ext. citations

4.4
avg, IF

6.07
L-index

#	Paper	IF	Citations
208	Pharmacological effects of Lu AA21004: a novel multimodal compound for the treatment of major depressive disorder. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 666-75	4.7	218
207	Reference genes for normalization: a study of rat brain tissue. <i>Synapse</i> , 2008 , 62, 302-9	2.4	178
206	The flinders sensitive line rat model of depression--25 years and still producing. <i>Pharmacological Reviews</i> , 2013 , 65, 143-55	22.5	158
205	Antidepressant- and anxiolytic-like effects of selective neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole in mice. <i>Behavioural Brain Research</i> , 2003 , 140, 141-7	3.4	133
204	Endogenous nitric oxide decreases hippocampal levels of serotonin and dopamine in vivo. <i>British Journal of Pharmacology</i> , 2000 , 130, 575-80	8.6	131
203	Local, but not systemic, administration of serotonergic antidepressants decreases hippocampal nitric oxide synthase activity. <i>Brain Research</i> , 2003 , 959, 128-34	3.7	120
202	Reduction of cGMP and nitric oxide has antidepressant-like effects in the forced swimming test in rats. <i>Behavioural Brain Research</i> , 2002 , 134, 479-84	3.4	117
201	Repeated electroconvulsive seizures increase the total number of synapses in adult male rat hippocampus. <i>European Neuropsychopharmacology</i> , 2009 , 19, 329-38	1.2	113
200	Central functions of neuropeptide Y in mood and anxiety disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2011 , 15, 1317-31	6.4	110
199	Probiotic treatment reduces depressive-like behaviour in rats independently of diet. <i>Psychoneuroendocrinology</i> , 2017 , 79, 40-48	5	108
198	Animal models of depression and anxiety: What do they tell us about human condition?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 1357-75	5.5	96
197	Antidepressant treatment is associated with epigenetic alterations in the promoter of P11 in a genetic model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 669-79	5.8	95
196	Stress-restress evokes sustained iNOS activity and altered GABA levels and NMDA receptors in rat hippocampus. <i>Psychopharmacology</i> , 2004 , 175, 494-502	4.7	91
195	Stress and corticosterone increase the readily releasable pool of glutamate vesicles in synaptic terminals of prefrontal and frontal cortex. <i>Molecular Psychiatry</i> , 2014 , 19, 433-43	15.1	90
194	Azure B, a metabolite of methylene blue, is a high-potency, reversible inhibitor of monoamine oxidase. <i>Toxicology and Applied Pharmacology</i> , 2012 , 258, 403-9	4.6	89
193	Imipramine treatment increases the number of hippocampal synapses and neurons in a genetic animal model of depression. <i>Hippocampus</i> , 2010 , 20, 1376-84	3.5	81
192	PS202. The regulation of orexins and their cognate receptors in two distinct rat models of depression and effects of treatments. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19, 74-74	5.8	78

191	Inverse correlation of brain and blood BDNF levels in a genetic rat model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 563-72	5.8	73
190	Antidepressant-like effect of sodium butyrate is associated with an increase in TET1 and in 5-hydroxymethylation levels in the Bdnf gene. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	68
189	Cannabidiol Induces Rapid and Sustained Antidepressant-Like Effects Through Increased BDNF Signaling and Synaptogenesis in the Prefrontal Cortex. <i>Molecular Neurobiology</i> , 2019 , 56, 1070-1081	6.2	67
188	The brain 5-HT ₄ receptor binding is down-regulated in the Flinders Sensitive Line depression model and in response to paroxetine administration. <i>Journal of Neurochemistry</i> , 2009 , 109, 1363-74	6	66
187	Nitric Oxide Synthase Inhibitors as Antidepressants. <i>Pharmaceuticals</i> , 2010 , 3, 273-299	5.2	64
186	A high-fat diet exacerbates depressive-like behavior in the Flinders Sensitive Line (FSL) rat, a genetic model of depression. <i>Psychoneuroendocrinology</i> , 2011 , 36, 623-33	5	61
185	Detection of brain-derived neurotrophic factor (BDNF) in rat blood and brain preparations using ELISA: pitfalls and solutions. <i>Journal of Neuroscience Methods</i> , 2010 , 187, 73-7	3	59
184	Increased stress-evoked nitric oxide signalling in the Flinders sensitive line (FSL) rat: a genetic animal model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 461-73	5.8	57
183	Telomerase dysregulation in the hippocampus of a rat model of depression: normalization by lithium. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18, pyv002	5.8	55
182	Depression, the Val66Met polymorphism, age, and gender influence the serum BDNF level. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1118-25	5.2	54
181	Differential expression of synaptic proteins after chronic restraint stress in rat prefrontal cortex and hippocampus. <i>Brain Research</i> , 2011 , 1385, 26-37	3.7	54
180	The antidepressant action of imipramine and venlafaxine involves suppression of nitric oxide synthesis. <i>Behavioural Brain Research</i> , 2011 , 218, 57-63	3.4	53
179	Role of monoamine oxidase, nitric oxide synthase and regional brain monoamines in the antidepressant-like effects of methylene blue and selected structural analogues. <i>Biochemical Pharmacology</i> , 2010 , 80, 1580-91	6	53
178	Nitric oxide as inflammatory mediator in post-traumatic stress disorder (PTSD): evidence from an animal model. <i>Neuropsychiatric Disease and Treatment</i> , 2005 , 1, 109-23	3.1	53
177	Differential expression of synaptic vesicle proteins after repeated electroconvulsive seizures in rat frontal cortex and hippocampus. <i>Synapse</i> , 2008 , 62, 662-70	2.4	51
176	Chronic mild stress induces anhedonic behavior and changes in glutamate release, BDNF trafficking and dendrite morphology only in stress vulnerable rats. The rapid restorative action of ketamine. <i>Neurobiology of Stress</i> , 2019 , 10, 100160	7.6	50
175	Methylene blue inhibits hippocampal nitric oxide synthase activity in vivo. <i>Brain Research</i> , 1999 , 826, 303-5	3.7	49
174	Rapid antidepressant effect of ketamine correlates with astroglial plasticity in the hippocampus. <i>British Journal of Pharmacology</i> , 2017 , 174, 483-492	8.6	48

173	Dietary magnesium deficiency alters gut microbiota and leads to depressive-like behaviour. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 168-76	3.9	48
172	Increased extracellular serotonin level in rat hippocampus induced by chronic citalopram is augmented by subchronic lithium: neurochemical and behavioural studies in the rat. <i>Psychopharmacology</i> , 2003 , 166, 188-94	4.7	47
171	Differential interaction with the serotonin system by S-ketamine, vortioxetine, and fluoxetine in a genetic rat model of depression. <i>Psychopharmacology</i> , 2016 , 233, 2813-25	4.7	47
170	Differential brain, but not serum VEGF levels in a genetic rat model of depression. <i>Neuroscience Letters</i> , 2010 , 474, 13-6	3.3	44
169	Changes in rat hippocampal CA1 synapses following imipramine treatment. <i>Hippocampus</i> , 2008 , 18, 631-9.5	4.5	44
168	P2X7 Receptor Signaling in Stress and Depression. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	43
167	Selective breeding for high anxiety introduces a synonymous SNP that increases neuropeptide S receptor activity. <i>Journal of Neuroscience</i> , 2015 , 35, 4599-613	6.6	43
166	Psychiatric and neuropsychiatric sequelae of COVID-19 - A systematic review. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 328-348	16.6	43
165	Neuropeptide S alters anxiety, but not depression-like behaviour in Flinders Sensitive Line rats: a genetic animal model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 375-87 ^{5.8}	5.8	41
164	The microbial metabolite indole-3-propionic acid improves glucose metabolism in rats, but does not affect behaviour. <i>Archives of Physiology and Biochemistry</i> , 2018 , 124, 306-312	2.2	41
163	Quantitative hippocampal structural changes following electroconvulsive seizure treatment in a rat model of depression. <i>Synapse</i> , 2012 , 66, 667-76	2.4	40
162	Ketamine regulates the presynaptic release machinery in the hippocampus. <i>Journal of Psychiatric Research</i> , 2013 , 47, 892-9	5.2	39
161	Grandmaternal high-fat diet primed anxiety-like behaviour in the second-generation female offspring. <i>Behavioural Brain Research</i> , 2019 , 359, 47-55	3.4	38
160	Astroglial Control of the Antidepressant-Like Effects of Prefrontal Cortex Deep Brain Stimulation. <i>EBioMedicine</i> , 2015 , 2, 898-908	8.8	36
159	Nitric oxide involvement in the antidepressant-like effect of ketamine in the Flinders sensitive line rat model of depression. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 90-6	3.9	36
158	The current development of CNS drug research. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 1687-93	5.8	36
157	Serotonergic modulation of receptor occupancy in rats treated with L-DOPA after unilateral 6-OHDA lesioning. <i>Journal of Neurochemistry</i> , 2012 , 120, 806-17	6	35
156	Increased hippocampal nitric oxide synthase activity and stress responsiveness after imipramine discontinuation: role of 5HT 2A/C-receptors. <i>Metabolic Brain Disease</i> , 2006 , 21, 211-20	3.9	35

155	Potential involvement of serotonergic signaling in ketamine's antidepressant actions: A critical review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 71, 27-38	5.5	34
154	Diffusion-weighted MRI and quantitative biophysical modeling of hippocampal neurite loss in chronic stress. <i>PLoS ONE</i> , 2011 , 6, e20653	3.7	34
153	Selectively bred rodents as models of depression and anxiety. <i>Current Topics in Behavioral Neurosciences</i> , 2012 , 12, 139-87	3.4	34
152	Emerging evidence for the antidepressant effect of cannabidiol and the underlying molecular mechanisms. <i>Journal of Chemical Neuroanatomy</i> , 2019 , 98, 104-116	3.2	32
151	Temporal Dynamics of Acute Stress-Induced Dendritic Remodeling in Medial Prefrontal Cortex and the Protective Effect of Desipramine. <i>Cerebral Cortex</i> , 2017 , 27, 694-705	5.1	32
150	Interferon-alpha treatment induces depression-like behaviour accompanied by elevated hippocampal quinolinic acid levels in rats. <i>Behavioural Brain Research</i> , 2015 , 293, 166-72	3.4	32
149	Nitric oxide is involved in the regulation of marble-burying behavior. <i>Neuroscience Letters</i> , 2010 , 480, 55-8	3.3	32
148	Involvement of the NMDA receptor, NO-cyclic GMP and nuclear factor K-beta in an animal model of repeated trauma. <i>Human Psychopharmacology</i> , 2005 , 20, 367-73	2.3	32
147	Maternal High-fat Diet Programs Offspring Emotional Behavior in Adulthood. <i>Neuroscience</i> , 2018 , 388, 87-101	3.9	31
146	Mitochondrial plasticity of the hippocampus in a genetic rat model of depression after antidepressant treatment. <i>Synapse</i> , 2013 , 67, 127-34	2.4	31
145	Chronic treatment with the phosphodiesterase type 5 inhibitors sildenafil and tadalafil display anxiolytic effects in Flinders Sensitive Line rats. <i>Metabolic Brain Disease</i> , 2012 , 27, 337-40	3.9	31
144	Neuropeptide Y infusion into the shell region of the rat nucleus accumbens increases extracellular levels of dopamine. <i>NeuroReport</i> , 2009 , 20, 1023-6	1.7	30
143	Elevation of Il6 is associated with disturbed let-7 biogenesis in a genetic model of depression. <i>Translational Psychiatry</i> , 2016 , 6, e869	8.6	30
142	Probiotic treatment protects against the pro-depressant-like effect of high-fat diet in Flinders Sensitive Line rats. <i>Brain, Behavior, and Immunity</i> , 2017 , 65, 33-42	16.6	29
141	Behavioral and systemic consequences of long-term inflammatory challenge. <i>Journal of Neuroimmunology</i> , 2015 , 288, 40-6	3.5	28
140	Electroconvulsive seizures stimulate the vegf pathway via mTORC1. <i>Synapse</i> , 2012 , 66, 340-5	2.4	28
139	Vortioxetine promotes early changes in dendritic morphology compared to fluoxetine in rat hippocampus. <i>European Neuropsychopharmacology</i> , 2016 , 26, 234-245	1.2	27
138	Dietary magnesium deficiency affects gut microbiota and anxiety-like behaviour in C57BL/6N mice. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 307-11	3.9	27

137	Neurovascular plasticity of the hippocampus one week after a single dose of ketamine in genetic rat model of depression. <i>Hippocampus</i> , 2016 , 26, 1414-1423	3.5	26
136	A new efficient method for synaptic vesicle quantification reveals differences between medial prefrontal cortex perforated and nonperforated synapses. <i>Journal of Comparative Neurology</i> , 2014 , 522, 284-97	3.4	26
135	Treatment with an SSRI antidepressant restores hippocampo-hypothalamic corticosteroid feedback and reverses insulin resistance in low-birth-weight rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E920-9	6	26
134	Nitric oxide modulates lithium-induced conditioned taste aversion. <i>Behavioural Brain Research</i> , 2001 , 118, 195-200	3.4	26
133	Altered fecal microbiota composition in the Flinders sensitive line rat model of depression. <i>Psychopharmacology</i> , 2019 , 236, 1445-1457	4.7	26
132	Depression and BMI influences the serum vascular endothelial growth factor level. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1409-17	5.8	25
131	Wistar rats subjected to chronic restraint stress display increased hippocampal spine density paralleled by increased expression levels of synaptic scaffolding proteins. <i>Stress</i> , 2012 , 15, 514-23	3	25
130	Prenatal and adult stress interplay—behavioral implications. <i>Brain Research</i> , 2010 , 1320, 106-13	3.7	25
129	Inflammation, insulin resistance and neuroprogression in depression. <i>Acta Neuropsychiatrica</i> , 2020 , 32, 1-9	3.9	25
128	Antidepressant-like effect of agmatine is not mediated by serotonin. <i>Behavioural Brain Research</i> , 2008 , 188, 324-8	3.4	24
127	Drugs with antidepressant properties affect tryptophan metabolites differently in rodent models with depression-like behavior. <i>Journal of Neurochemistry</i> , 2017 , 142, 118-131	6	22
126	Antidepressant-like effects induced by NMDA receptor blockade and NO synthesis inhibition in the ventral medial prefrontal cortex of rats exposed to the forced swim test. <i>Psychopharmacology</i> , 2015 , 232, 2263-73	4.7	22
125	Female Flinders Sensitive Line rats show estrous cycle-independent depression-like behavior and altered tryptophan metabolism. <i>Neuroscience</i> , 2016 , 329, 337-48	3.9	22
124	Nitric oxide signalling and antidepressant action revisited. <i>Cell and Tissue Research</i> , 2019 , 377, 45-58	4.2	22
123	Chronic maternal inflammation or high-fat-feeding programs offspring obesity in a sex-dependent manner. <i>International Journal of Obesity</i> , 2017 , 41, 1420-1426	5.5	21
122	Decoding the Mechanism of Action of Rapid-Acting Antidepressant Treatment Strategies: Does Gender Matter?. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
121	Probiotics Affect One-Carbon Metabolites and Catecholamines in a Genetic Rat Model of Depression. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1701070	5.9	21
120	Isolation-induced behavioural changes in a genetic animal model of depression. <i>Behavioural Brain Research</i> , 2012 , 230, 85-91	3.4	21

119	Allele-specific programming of Npy and epigenetic effects of physical activity in a genetic model of depression. <i>Translational Psychiatry</i> , 2013 , 3, e255	8.6	21
118	Stress and re-stress increases conditioned taste aversion learning in rats: possible frontal cortical and hippocampal muscarinic receptor involvement. <i>European Journal of Pharmacology</i> , 2008 , 586, 205-17	5.3	21
117	Chronic desipramine prevents acute stress-induced reorganization of medial prefrontal cortex architecture by blocking glutamate vesicle accumulation and excitatory synapse increase. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	20
116	-Ketamine Mediates Its Acute and Sustained Antidepressant-Like Activity through a 5-HT Receptor Dependent Mechanism in a Genetic Rat Model of Depression. <i>Frontiers in Pharmacology</i> , 2017 , 8, 978	5.6	20
115	Investigating the role of protein kinase-G in the antidepressant-like response of sildenafil in combination with muscarinic acetylcholine receptor antagonism. <i>Behavioural Brain Research</i> , 2010 , 209, 137-41	3.4	20
114	S-Ketamine Reverses Hippocampal Dendritic Spine Deficits in Flinders Sensitive Line Rats Within 1h of Administration. <i>Molecular Neurobiology</i> , 2019 , 56, 7368-7379	6.2	19
113	S-Ketamine Rapidly Reverses Synaptic and Vascular Deficits of Hippocampus in Genetic Animal Model of Depression. <i>International Journal of Neuropsychopharmacology</i> , 2017 , 20, 247-256	5.8	19
112	A single dose of vortioxetine, but not ketamine or fluoxetine, increases plasticity-related gene expression in the rat frontal cortex. <i>European Journal of Pharmacology</i> , 2016 , 786, 29-35	5.3	19
111	Expression of inflammatory markers in a genetic rodent model of depression. <i>Behavioural Brain Research</i> , 2015 , 281, 348-57	3.4	19
110	Atypical Neurotransmitters and the Neurobiology of Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 1001-11	2.6	19
109	GLP-1 receptor agonists have a sustained stimulatory effect on corticosterone release after chronic treatment. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 25-32	3.9	18
108	MicroRNA 101b Is Downregulated in the Prefrontal Cortex of a Genetic Model of Depression and Targets the Glutamate Transporter SLC1A1 (EAAT3) in Vitro. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	18
107	The Schizophrenia and Bipolar Disorder associated BRD1 gene is regulated upon chronic restraint stress. <i>European Neuropsychopharmacology</i> , 2012 , 22, 651-6	1.2	17
106	Latent toxoplasmosis aggravates anxiety- and depressive-like behaviour and suggest a role of gene-environment interactions in the behavioural response to the parasite. <i>Behavioural Brain Research</i> , 2019 , 364, 133-139	3.4	17
105	Transcriptional regulation in the rat prefrontal cortex and hippocampus after a single administration of psilocybin. <i>Journal of Psychopharmacology</i> , 2021 , 35, 483-493	4.6	17
104	Effects of anesthesia and species on the uptake or binding of radioligands in vivo in the Göttingen minipig. <i>BioMed Research International</i> , 2013 , 2013, 808713	3	16
103	The effect of acute citalopram on extracellular 5-HT levels is not augmented by lithium: an in vivo microdialysis study. <i>Brain Research</i> , 2000 , 871, 338-42	3.7	16
102	Differential expression of postsynaptic NMDA and AMPA receptor subunits in the hippocampus and prefrontal cortex of the flinders sensitive line rat model of depression. <i>Synapse</i> , 2016 , 70, 471-4	2.4	16

101	Psilocybin lacks antidepressant-like effect in the Flinders Sensitive Line rat. <i>Acta Neuropsychiatrica</i> , 2019 , 31, 213-219	3.9	15
100	ZL006, a small molecule inhibitor of PSD-95/nNOS interaction, does not induce antidepressant-like effects in two genetically predisposed rat models of depression and control animals. <i>PLoS ONE</i> , 2017 , 12, e0182698	3.7	15
99	Mitochondria Are Critical for BDNF-Mediated Synaptic and Vascular Plasticity of Hippocampus following Repeated Electroconvulsive Seizures. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 291-304	5.8	15
98	Electroconvulsive seizures regulates the Brd1 gene in the frontal cortex and hippocampus of the adult rat. <i>Neuroscience Letters</i> , 2012 , 516, 110-3	3.3	15
97	An inhibitor of cAMP-dependent protein kinase induces behavioural and neurological antidepressant-like effects in rats. <i>Neuroscience Letters</i> , 2011 , 498, 158-61	3.3	15
96	Probiotics reduce risk-taking behavior in the Elevated Plus Maze in the Flinders Sensitive Line rat model of depression. <i>Behavioural Brain Research</i> , 2019 , 359, 755-762	3.4	15
95	A dual inhibitor of FAAH and TRPV1 channels shows dose-dependent effect on depression-like behaviour in rats. <i>Acta Neuropsychiatrica</i> , 2017 , 29, 324-329	3.9	14
94	Syringe-feeding as a novel delivery method for accurate individual dosing of probiotics in rats. <i>Beneficial Microbes</i> , 2018 , 9, 311-315	4.9	14
93	Decreased in vivo α adrenoceptor binding in the Flinders Sensitive Line rat model of depression. <i>Neuropharmacology</i> , 2015 , 91, 97-102	5.5	14
92	Evaluation of the relationship between hyperinsulinaemia and myocardial ischaemia/reperfusion injury in a rat model of depression. <i>Clinical Science</i> , 2009 , 118, 259-67	6.5	14
91	5-HT _{1A} receptors in lithium-induced conditioned taste aversion. <i>Psychopharmacology</i> , 1997 , 133, 51-4	4.7	14
90	The antidepressant-like effect of probiotics and their faecal abundance may be modulated by the cohabiting gut microbiota in rats. <i>European Neuropsychopharmacology</i> , 2019 , 29, 98-110	1.2	14
89	Acute stress rapidly increases the readily releasable pool of glutamate vesicles in prefrontal and frontal cortex through non-genomic action of corticosterone. <i>Molecular Psychiatry</i> , 2014 , 19, 401	15.1	13
88	The expression of plasticity-related genes in an acute model of stress is modulated by chronic desipramine in a time-dependent manner within medial prefrontal cortex. <i>European Neuropsychopharmacology</i> , 2017 , 27, 19-28	1.2	13
87	Acute Inescapable Stress Rapidly Increases Synaptic Energy Metabolism in Prefrontal Cortex and Alters Working Memory Performance. <i>Cerebral Cortex</i> , 2019 , 29, 4948-4957	5.1	12
86	Potential roles for Homer1 and Spinophilin in the preventive effect of electroconvulsive seizures on stress-induced CA3c dendritic retraction in the hippocampus. <i>European Neuropsychopharmacology</i> , 2015 , 25, 1324-31	1.2	12
85	Ketamine-induced regulation of TrkB-GSK3 β signaling is accompanied by slow EEG oscillations and sedation but is independent of hydroxynorketamine metabolites. <i>Neuropharmacology</i> , 2019 , 157, 107684-5	5.5	12
84	Ketamine and aminoguanidine differentially affect Bdnf and Mtor gene expression in the prefrontal cortex of adult male rats. <i>European Journal of Pharmacology</i> , 2017 , 815, 304-311	5.3	11

83	Electroconvulsive shocks decrease α -adrenoceptor binding in the Flinders rat model of depression. <i>European Neuropsychopharmacology</i> , 2015 , 25, 404-12	1.2	11
82	Chronic exposure to low doses of lipopolysaccharide and high-fat feeding increases body mass without affecting glucose tolerance in female rats. <i>Physiological Reports</i> , 2015 , 3, e12584	2.6	11
81	A Critical Role of Mitochondria in BDNF-Associated Synaptic Plasticity After One-Week Vortioxetine Treatment. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 603-615	5.8	11
80	Neurochemical differences in two rat strains exposed to social isolation rearing. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 286-95	3.9	11
79	Antidepressant efficacy of high and low frequency transcranial magnetic stimulation in the FSL/FRL genetic rat model of depression. <i>Behavioural Brain Research</i> , 2016 , 314, 45-51	3.4	11
78	Mice heterozygous for an inactivated allele of the schizophrenia associated Brd1 gene display selective cognitive deficits with translational relevance to schizophrenia. <i>Neurobiology of Learning and Memory</i> , 2017 , 141, 44-52	3.1	10
77	Antidepressant-like effect induced by P2X7 receptor blockade in FSL rats is associated with BDNF signalling activation. <i>Journal of Psychopharmacology</i> , 2019 , 33, 1436-1446	4.6	10
76	[11C]Mirtazapine binding in depressed antidepressant nonresponders studied by PET neuroimaging. <i>Psychopharmacology</i> , 2009 , 206, 133-40	4.7	10
75	Latent toxoplasmosis and psychiatric symptoms - A role of tryptophan metabolism?. <i>Journal of Psychiatric Research</i> , 2019 , 110, 45-50	5.2	10
74	Autistic-like behaviours and associated brain structural plasticity are modulated by oxytocin in maternally separated rats. <i>Behavioural Brain Research</i> , 2020 , 393, 112756	3.4	9
73	Erythropoietin prevents the effect of chronic restraint stress on the number of hippocampal CA3c dendritic terminals-relation to expression of genes involved in synaptic plasticity, angiogenesis, inflammation, and oxidative stress in male rats. <i>Journal of Neuroscience Research</i> , 2018 , 96, 103-116	4.4	9
72	Esketamine and rapastinel, but not imipramine, have antidepressant-like effect in a treatment-resistant animal model of depression. <i>Acta Neuropsychiatrica</i> , 2019 , 31, 258-265	3.9	8
71	Elevated dopamine D1 receptor availability in striatum of Göttingen minipigs after electroconvulsive therapy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 881-887	7.3	8
70	α -adrenoceptor binding in Flinders-sensitive line compared with Flinders-resistant line and Sprague-Dawley rats. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 345-52	3.9	8
69	Dual effect of nickel on L-arginine/nitric oxide system in RAW 264.7 macrophages. <i>International Immunopharmacology</i> , 2013 , 15, 511-6	5.8	8
68	Gestational chronic mild stress: effects on acoustic startle in male offspring of rats. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 495-500	2.7	8
67	Receptor occupancy of mirtazapine determined by PET in healthy volunteers. <i>Psychopharmacology</i> , 2007 , 195, 131-8	4.7	8
66	Brain proteome changes in female Brd1 mice unmask dendritic spine pathology and show enrichment for schizophrenia risk. <i>Neurobiology of Disease</i> , 2019 , 124, 479-488	7.5	8

65	Sex-dependent behavior, neuropeptide profile and antidepressant response in rat model of depression. <i>Behavioural Brain Research</i> , 2018 , 351, 93-103	3.4	8
64	Rapid effects of S-ketamine on the morphology of hippocampal astrocytes and BDNF serum levels in a sex-dependent manner. <i>European Neuropsychopharmacology</i> , 2020 , 32, 94-103	1.2	7
63	Influence of diurnal phase on startle response in adult rats exposed to dexamethasone in utero. <i>Physiology and Behavior</i> , 2011 , 102, 444-52	3.5	7
62	A gene-environment study of cytoglobin in the human and rat hippocampus. <i>PLoS ONE</i> , 2013 , 8, e63288	3.7	7
61	A diet-induced gut microbiota component and related plasma metabolites are associated with depressive-like behaviour in rats. <i>European Neuropsychopharmacology</i> , 2021 , 43, 10-21	1.2	7
60	Brain volumetric alterations accompanied with loss of striatal medium-sized spiny neurons and cortical parvalbumin expressing interneurons in Brd1 mice. <i>Scientific Reports</i> , 2018 , 8, 16486	4.9	7
59	Prelimbic neuronal nitric oxide synthase inhibition exerts antidepressant-like effects independently of BDNF signalling cascades. <i>Acta Neuropsychiatrica</i> , 2019 , 31, 143-150	3.9	6
58	Gene expression related to serotonergic and glutamatergic neurotransmission is altered in the flinders sensitive line rat model of depression: Effect of ketamine. <i>Synapse</i> , 2017 , 71, 37-45	2.4	6
57	Chronic restraint stress increases the protein expression of VEGF and its receptor VEGFR-2 in the prefrontal cortex. <i>Synapse</i> , 2015 , 69, 190-4	2.4	6
56	Reduced mobility but unaffected startle response in female rats exposed to prenatal dexamethasone: different sides to a phenotype. <i>Developmental Neuroscience</i> , 2010 , 32, 208-16	2.2	6
55	Hemisphere-dependent endocannabinoid system activity in prefrontal cortex and hippocampus of the Flinders Sensitive Line rodent model of depression. <i>Neurochemistry International</i> , 2019 , 125, 7-15	4.4	5
54	Sustained overexpression of neuropeptide S in the amygdala reduces anxiety-like behavior in rats. <i>Behavioural Brain Research</i> , 2019 , 367, 28-34	3.4	5
53	Sustained Ultrastructural Changes in Rat Hippocampal Formation After Repeated Electroconvulsive Seizures. <i>International Journal of Neuropsychopharmacology</i> , 2020 , 23, 446-458	5.8	5
52	High-performance liquid chromatography method with radiochemical detection for measurement of nitric oxide synthase, arginase, and arginine decarboxylase activities. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2006 , 28, 3-6		5
51	Reduced P2X receptor levels are associated with antidepressant effect in the learned helplessness model. <i>PeerJ</i> , 2019 , 7, e7834	3.1	5
50	Neonatal domoic acid alters in vivo binding of [³ H]yohimbine to α -adrenoceptors in adult rat brain. <i>Psychopharmacology</i> , 2016 , 233, 3779-3785	4.7	5
49	Electroconvulsive stimulation differentially affects [³ H]MDL100,907 binding to cortical and subcortical 5HT receptors in porcine brain. <i>Journal of Psychopharmacology</i> , 2019 , 33, 714-721	4.6	4
48	Chronic lipopolysaccharide infusion fails to induce depressive-like behaviour in adult male rats. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 189-94	3.9	4

47	Structural Plasticity and Molecular Markers in Hippocampus of Male Rats after Acute Stress. <i>Neuroscience</i> , 2020 , 438, 100-115	3.9	4
46	Opioid system modulation of cognitive affective bias: implications for the treatment of mood disorders. <i>Behavioural Pharmacology</i> , 2020 , 31, 122-135	2.4	4
45	Understanding in vivo modelling of depression in non-human animals: a systematic review protocol. <i>Evidence-based Preclinical Medicine</i> , 2016 , 3, e00024		4
44	A Preclinical Study of Casein Glycomacropeptide as a Dietary Intervention for Acute Mania. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 473-484	5.8	4
43	3D analysis of synaptic vesicle density and distribution after acute foot-shock stress by using serial section transmission electron microscopy. <i>Journal of Microscopy</i> , 2017 , 265, 101-110	1.9	4
42	Behavioral and metabolic effects of S-adenosylmethionine and imipramine in the Flinders Sensitive Line rat model of depression. <i>Behavioural Brain Research</i> , 2019 , 364, 274-280	3.4	4
41	Chronic restraint stress affects serotonin transporter uptake kinetics but not binding sites in the rat hippocampus. <i>Synapse</i> , 2012 , 66, 270-2	2.4	3
40	Acta Neuropsychiatrica: A new beginning <i>Acta Neuropsychiatrica</i> , 2013 , 25, 1	3.9	3
39	Faecal microbiota transplantation from patients with depression or healthy individuals into rats modulates mood-related behaviour. <i>Scientific Reports</i> , 2021 , 11, 21869	4.9	3
38	Reduced Brd1 expression leads to reversible depression-like behaviors and gene-expression changes in female mice. <i>Translational Psychiatry</i> , 2020 , 10, 239	8.6	3
37	Co-administration of cannabidiol and ketamine induces antidepressant-like effects devoid of hyperlocomotor side-effects. <i>Neuropharmacology</i> , 2021 , 195, 108679	5.5	3
36	Systematic evaluation of skeletal fractures caused by induction of electroconvulsive seizures in rat state a need for attention and refinement of the procedure. <i>Acta Neuropsychiatrica</i> , 2017 , 29, 363-373	3.9	2
35	Cortical and striatal serotonin transporter binding in a genetic rat model of depression and in response to electroconvulsive stimuli. <i>European Neuropsychopharmacology</i> , 2019 , 29, 493-500	1.2	2
34	Acta Neuropsychiatrica and Scandinavian College of Neuropsychopharmacology (SCNP). <i>Acta Neuropsychiatrica</i> , 2011 , 23, 199-200	3.9	2
33	Maternal protein restriction before pregnancy reduces offspring early body mass and affects glucose metabolism in C57BL/6J Bom mice. <i>Journal of Developmental Origins of Health and Disease</i> , 2012 , 3, 364-74	2.4	2
32	The nitric oxide pathway in anxiety and stress-related disorders. <i>European Psychiatry</i> , 2008 , 23, S2-S3	6	2
31	Targeting 2-arachidonoylglycerol signalling in the neurobiology and treatment of depression. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021 , 129, 3-14	3.1	2
30	Effect of ischemic lesions in medial prefrontal cortex and nucleus accumbens on affective behavior in rats. <i>Behavioural Brain Research</i> , 2020 , 378, 112234	3.4	2

29	Dual Profile of Environmental Enrichment and Autistic-Like Behaviors in the Maternal Separated Model in Rats. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
28	Early life adversity targets the transcriptional signature of hippocampal NG2+ glia and affects voltage gated sodium (Na) channels properties. <i>Neurobiology of Stress</i> , 2021 , 15, 100338	7.6	2
27	Flinders sensitive line rats are resistant to infarction following transient occlusion of the middle cerebral artery. <i>Brain Research</i> , 2020 , 1737, 146797	3.7	1
26	Corticolimbic changes in acetylcholine and cyclic guanosine monophosphate in the Flinders Sensitive Line rat: a genetic model of depression. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 215-25	3.9	1
25	Ketamine restores changes in glutamate release, dendrite morphology and BDNF trafficking in the hippocampus of rats vulnerable to chronic mild stress. <i>European Neuropsychopharmacology</i> , 2017 , 27, S537-S538	1.2	1
24	Welcome home. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 317	3.9	1
23	Nitric Oxide Signaling in Depression and Antidepressant Action 2016 , 765-792		1
22	The neurobiology of BRD1 implicates sex-biased dysregulation of nuclear receptor signaling in mental disorders		1
21	Early environmental enrichment rescues memory impairments provoked by mild neonatal hypoxia-ischemia in adolescent mice. <i>Behavioural Brain Research</i> , 2021 , 407, 113237	3.4	1
20	The rat hippocampal gliovascular system following one week vortioxetine and fluoxetine. <i>European Neuropsychopharmacology</i> , 2021 , 42, 45-56	1.2	1
19	The Kynurenine Pathway Is Upregulated by Methyl-deficient Diet and Changes Are Averted by Probiotics. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2100078	5.9	1
18	Putative effects of cannabidiol in depression and synaptic plasticity 2021 , 459-467		1
17	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin. <i>PLoS ONE</i> , 2020 , 15, e0233979	3.7	0
16	Type of Anaesthetic Influences [C]MDL100,907 Binding to 5HT Receptors in Porcine Brain. <i>Molecular Imaging and Biology</i> , 2020 , 22, 797-804	3.8	0
15	Administration of galacto-oligosaccharide prebiotics in the Flinders Sensitive Line animal model of depression.. <i>BMJ Open Science</i> , 2019 , 3, e000017	4.6	0
14	Non-alcoholic Fatty Liver Disease: Also a Disease of the Brain? A Systematic Review of the Preclinical Evidence.. <i>Neurochemical Research</i> , 2022 , 1	4.6	0
13	P.212 Cannabidiol effect on genes related to BDNF-TrkB and glutamatergic neurotransmission in the Flinders Sensitive Line rat. <i>European Neuropsychopharmacology</i> , 2020 , 31, S27-S28	1.2	
12	Affectivity during social behaviour in a schizophrenic-like rat. <i>European Psychiatry</i> , 2016 , 33, S101-S102	6	

11	Acta Neuropsychiatrica 4.0. <i>Acta Neuropsychiatrica</i> , 2011 , 23, 93	3.9
10	S.08.04 The nitric oxide pathway in anxiety and stress-related disorders. <i>European Neuropsychopharmacology</i> , 2007 , 17, S189-S190	1.2
9	Tips and traps for behavioral animal experimentation.. <i>Acta Neuropsychiatrica</i> , 2022 , 1-39	3.9
8	Dietary supplementation with casein glycomacropeptide, leucine and tryptophan reduces plasma amino acid levels in men. <i>Acta Neuropsychiatrica</i> , 2021 , 1-8	3.9
7	Tissue processing and optimal visualization of cerebral infarcts following sub-acute focal ischemia in rats. <i>Journal of Chemical Neuroanatomy</i> , 2021 , 118, 102034	3.2
6	Behavioral and histopathological consequences of transient ischemic stroke in the Flinders Sensitive Line rat, a genetic animal model of depression. <i>Brain Research</i> , 2021 , 1771, 147648	3.7
5	P.0188 Early life stress targets the transcriptional signature and functional properties of voltage gated-sodium (nav) channels in hippocampal NG2+ GLIA. <i>European Neuropsychopharmacology</i> , 2021 , 53, S136-S137	1.2
4	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979	
3	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979	
2	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979	
1	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979	