

Gregers Wegener

List of Publications by Year in descending order

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Version: 2024-02-01

220
papers

7,566
citations

50276

46
h-index

76900

74
g-index

237
all docs

237
docs citations

237
times ranked

9055
citing authors

#	ARTICLE	IF	CITATIONS
1	Psychiatric and neuropsychiatric sequelae of COVID-19 – A systematic review. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 328-348.	4.1	264
2	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, 666-675.	2.5	254
3	Reference genes for normalization: A study of rat brain tissue. <i>Synapse</i> , 2008, 62, 302-309.	1.2	219
4	The Flinders Sensitive Line Rat Model of Depression – 25 Years and Still Producing. <i>Pharmacological Reviews</i> , 2013, 65, 143-155.	16.0	188
5	Endogenous nitric oxide decreases hippocampal levels of serotonin and dopamine in vivo. <i>British Journal of Pharmacology</i> , 2000, 130, 575-580.	5.4	149
6	Probiotic treatment reduces depressive-like behaviour in rats independently of diet. <i>Psychoneuroendocrinology</i> , 2017, 79, 40-48.	2.7	149
7	Antidepressant- and anxiolytic-like effects of selective neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole in mice. <i>Behavioural Brain Research</i> , 2003, 140, 141-147.	2.2	142
8	Repeated electroconvulsive seizures increase the total number of synapses in adult male rat hippocampus. <i>European Neuropsychopharmacology</i> , 2009, 19, 329-338.	0.7	133
9	Local, but not systemic, administration of serotonergic antidepressants decreases hippocampal nitric oxide synthase activity. <i>Brain Research</i> , 2003, 959, 128-134.	2.2	132
10	Central functions of neuropeptide Y in mood and anxiety disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2011, 15, 1317-1331.	3.4	132
11	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, 433-443.	7.9	125
12	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.	4.0	124
13	Reduction of cGMP and nitric oxide has antidepressant-like effects in the forced swimming test in rats. <i>Behavioural Brain Research</i> , 2002, 134, 479-484.	2.2	120
14	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, 1357-1375.	4.8	117
15	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, 669-679.	2.1	114
16	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> , 2015, 18, pyu032-pyu032.	2.1	111
17	Stress?restress evokes sustained iNOS activity and altered GABA levels and NMDA receptors in rat hippocampus. <i>Psychopharmacology</i> , 2003, -1, 1-1.	3.1	108
18	Azure B, a metabolite of methylene blue, is a high-potency, reversible inhibitor of monoamine oxidase. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 403-409.	2.8	99

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19	Imipramine treatment increases the number of hippocampal synapses and neurons in a genetic animal model of depression. <i>Hippocampus</i> , 2010, 20, 1376-1384.	1.9	87
20	P2X7 Receptor Signaling in Stress and Depression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2778.	4.1	84
21	Inverse correlation of brain and blood BDNF levels in a genetic rat model of depression. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 563-572.	2.1	83
22	Nitric Oxide Synthase Inhibitors as Antidepressants. <i>Pharmaceuticals</i> , 2010, 3, 273-299.	3.8	81
23	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, 73-77.	2.5	80
24	The brain 5-HT ₄ receptor binding is downregulated in the Flinders Sensitive Line depression model and in response to paroxetine administration. <i>Journal of Neurochemistry</i> , 2009, 109, 1363-1374.	3.9	77
25	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, 623-633.	2.7	77
26	Depression, the Val66Met polymorphism, age, and gender influence the serum BDNF level. <i>Journal of Psychiatric Research</i> , 2012, 46, 1118-1125.	3.1	77
27	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.	4.0	77
28	Rapid antidepressant effect of ketamine correlates with astroglial plasticity in the hippocampus. <i>British Journal of Pharmacology</i> , 2017, 174, 483-492.	5.4	67
29	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.	2.1	67
30	Telomerase Dysregulation in the Hippocampus of a Rat Model of Depression: Normalization by Lithium. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv002-pyv002.	2.1	66
31	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.	2.1	64
32	Maternal High-fat Diet Programs Offspring Emotional Behavior in Adulthood. <i>Neuroscience</i> , 2018, 388, 87-101.	2.3	63
33	Differential expression of synaptic proteins after chronic restraint stress in rat prefrontal cortex and hippocampus. <i>Brain Research</i> , 2011, 1385, 26-37.	2.2	62
34	The current development of CNS drug research. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1687-1693.	2.1	62
35	Nitric oxide as inflammatory mediator in post-traumatic stress disorder (PTSD): evidence from an animal model. <i>Neuropsychiatric Disease and Treatment</i> , 2005, 1, 109-123.	2.2	62
36	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, 1580-1591.	4.4	61

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37	Dietary magnesium deficiency alters gut microbiota and leads to depressive-like behaviour. <i>Acta Neuropsychiatrica</i> , 2015, 27, 168-176.	2.1	61
38	Differential interaction with the serotonin system by S-ketamine, vortioxetine, and fluoxetine in a genetic rat model of depression. <i>Psychopharmacology</i> , 2016, 233, 2813-2825.	3.1	59
39	Emerging evidence for the antidepressant effect of cannabidiol and the underlying molecular mechanisms. <i>Journal of Chemical Neuroanatomy</i> , 2019, 98, 104-116.	2.1	57
40	Differential expression of synaptic vesicle proteins after repeated electroconvulsive seizures in rat frontal cortex and hippocampus. <i>Synapse</i> , 2008, 62, 662-670.	1.2	56
41	The antidepressant action of imipramine and venlafaxine involves suppression of nitric oxide synthesis. <i>Behavioural Brain Research</i> , 2011, 218, 57-63.	2.2	56
42	Inflammation, insulin resistance and neuroprogression in depression. <i>Acta Neuropsychiatrica</i> , 2020, 32, 1-9.	2.1	56
43	Methylene blue inhibits hippocampal nitric oxide synthase activity in vivo. <i>Brain Research</i> , 1999, 826, 303-305.	2.2	55
44	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, 188-194.	3.1	53
45	Differential brain, but not serum VEGF levels in a genetic rat model of depression. <i>Neuroscience Letters</i> , 2010, 474, 13-16.	2.1	53
46	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, 375-387.	2.1	53
47	Transcriptional regulation in the rat prefrontal cortex and hippocampus after a single administration of psilocybin. <i>Journal of Psychopharmacology</i> , 2021, 35, 483-493.	4.0	52
48	Ketamine regulates the presynaptic release machinery in the hippocampus. <i>Journal of Psychiatric Research</i> , 2013, 47, 892-899.	3.1	50
49	Selective Breeding for High Anxiety Introduces a Synonymous SNP That Increases Neuropeptide S Receptor Activity. <i>Journal of Neuroscience</i> , 2015, 35, 4599-4613.	3.6	50
50	Changes in rat hippocampal CA1 synapses following imipramine treatment. <i>Hippocampus</i> , 2008, 18, 631-639.	1.9	48
51	Astroglial Control of the Antidepressant-Like Effects of Prefrontal Cortex Deep Brain Stimulation. <i>EBioMedicine</i> , 2015, 2, 898-908.	6.1	48
52	Quantitative hippocampal structural changes following electroconvulsive seizure treatment in a rat model of depression. <i>Synapse</i> , 2012, 66, 667-676.	1.2	45
53	Altered fecal microbiota composition in the Flinders sensitive line rat model of depression. <i>Psychopharmacology</i> , 2019, 236, 1445-1457.	3.1	44
54	Grandmaternal high-fat diet primed anxiety-like behaviour in the second-generation female offspring. <i>Behavioural Brain Research</i> , 2019, 359, 47-55.	2.2	44

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55	Nitric oxide signalling and antidepressant action revisited. <i>Cell and Tissue Research</i> , 2019, 377, 45-58.	2.9	43
56	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, 90-96.	2.1	42
57	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.	4.8	42
58	Involvement of the NMDA receptor, NO-cyclic GMP and nuclear factor K- κ 2 in an animal model of repeated trauma. <i>Human Psychopharmacology</i> , 2005, 20, 367-373.	1.5	41
59	Diffusion-Weighted MRI and Quantitative Biophysical Modeling of Hippocampal Neurite Loss in Chronic Stress. <i>PLoS ONE</i> , 2011, 6, e20653.	2.5	41
60	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, 337-340.	2.9	41
61	Temporal Dynamics of Acute Stress-Induced Dendritic Remodeling in Medial Prefrontal Cortex and the Protective Effect of Desipramine. <i>Cerebral Cortex</i> , 2017, 27, bhv254.	2.9	41
62	Interferon-alpha treatment induces depression-like behaviour accompanied by elevated hippocampal quinolinic acid levels in rats. <i>Behavioural Brain Research</i> , 2015, 293, 166-172.	2.2	41
63	Nitric oxide is involved in the regulation of marble-burying behavior. <i>Neuroscience Letters</i> , 2010, 480, 55-58.	2.1	40
64	Selectively Bred Rodents as Models of Depression and Anxiety. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 12, 139-187.	1.7	40
65	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, 201-210.	2.9	39
66	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.	4.1	39
67	Mitochondrial plasticity of the hippocampus in a genetic rat model of depression after antidepressant treatment. <i>Synapse</i> , 2013, 67, 127-134.	1.2	38
68	Dietary magnesium deficiency affects gut microbiota and anxiety-like behaviour in C57BL/6N mice. <i>Acta Neuropsychiatrica</i> , 2015, 27, 307-311.	2.1	38
69	S-Ketamine Reverses Hippocampal Dendritic Spine Deficits in Flinders Sensitive Line Rats Within 1h of Administration. <i>Molecular Neurobiology</i> , 2019, 56, 7368-7379.	4.0	38
70	Serotonergic modulation of receptor occupancy in rats treated with α -DOPA after unilateral 6-OHDA lesioning. <i>Journal of Neurochemistry</i> , 2012, 120, 806-817.	3.9	37
71	Psilocybin lacks antidepressant-like effect in the Flinders Sensitive Line rat. <i>Acta Neuropsychiatrica</i> , 2019, 31, 213-219.	2.1	37
72	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, 284-297.	1.6	35

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73	Neuropeptide Y infusion into the shell region of the rat nucleus accumbens increases extracellular levels of dopamine. <i>NeuroReport</i> , 2009, 20, 1023-1026.	1.2	34
74	Elevation of Il6 is associated with disturbed let-7 biogenesis in a genetic model of depression. <i>Translational Psychiatry</i> , 2016, 6, e869-e869.	4.8	34
75	Vortioxetine promotes early changes in dendritic morphology compared to fluoxetine in rat hippocampus. <i>European Neuropsychopharmacology</i> , 2016, 26, 234-245.	0.7	34
76	Atypical Neurotransmitters and the Neurobiology of Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1001-1011.	1.4	33
77	Faecal microbiota transplantation from patients with depression or healthy individuals into rats modulates mood-related behaviour. <i>Scientific Reports</i> , 2021, 11, 21869.	3.3	33
78	Electroconvulsive seizures stimulate the vegf pathway via mTORC1. <i>Synapse</i> , 2012, 66, 340-345.	1.2	32
79	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.	1.9	32
80	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, 514-523.	1.8	31
81	Behavioral and systemic consequences of long-term inflammatory challenge. <i>Journal of Neuroimmunology</i> , 2015, 288, 40-46.	2.3	31
82	Drugs with antidepressant properties affect tryptophan metabolites differently in rodent models with depression-like behavior. <i>Journal of Neurochemistry</i> , 2017, 142, 118-131.	3.9	31
83	S-Ketamine Rapidly Reverses Synaptic and Vascular Deficits of Hippocampus in Genetic Animal Model of Depression. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, pyw098.	2.1	30
84	Probiotics Affect One-Carbon Metabolites and Catecholamines in a Genetic Rat Model of Depression. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1701070.	3.3	30
85	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-E929.	3.5	29
86	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.	3.4	29
87	S-Ketamine Mediates Its Acute and Sustained Antidepressant-Like Activity through a 5-HT1B Receptor Dependent Mechanism in a Genetic Rat Model of Depression. <i>Frontiers in Pharmacology</i> , 2017, 8, 978.	3.5	28
88	Decoding the Mechanism of Action of Rapid-Acting Antidepressant Treatment Strategies: Does Gender Matter?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 949.	4.1	28
89	Nitric oxide modulates lithium-induced conditioned taste aversion. <i>Behavioural Brain Research</i> , 2001, 118, 195-200.	2.2	27
90	Antidepressant-like effect of agmatine is not mediated by serotonin. <i>Behavioural Brain Research</i> , 2008, 188, 324-328.	2.2	27

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91	Prenatal and adult stress interplay " behavioral implications. <i>Brain Research</i> , 2010, 1320, 106-113.	2.2	27
92	Allele-specific programming of Npy and epigenetic effects of physical activity in a genetic model of depression. <i>Translational Psychiatry</i> , 2013, 3, e255-e255.	4.8	27
93	Depression and BMI influences the serum vascular endothelial growth factor level. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1409-1417.	2.1	27
94	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.	3.5	27
95	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.	2.2	27
96	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, 2263-2273.	3.1	26
97	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.	4.0	26
98	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, 205-211.	3.5	25
99	Female Flinders Sensitive Line rats show estrous cycle-independent depression-like behavior and altered tryptophan metabolism. <i>Neuroscience</i> , 2016, 329, 337-348.	2.3	25
100	Isolation-induced behavioural changes in a genetic animal model of depression. <i>Behavioural Brain Research</i> , 2012, 230, 85-91.	2.2	24
101	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> , 2015, 18, .	2.1	24
102	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.	0.7	24
103	GLP-1 receptor agonists have a sustained stimulatory effect on corticosterone release after chronic treatment. <i>Acta Neuropsychiatrica</i> , 2015, 27, 25-32.	2.1	23
104	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.	2.1	23
105	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.	2.2	23
106	Autistic-like behaviours and associated brain structural plasticity are modulated by oxytocin in maternally separated rats. <i>Behavioural Brain Research</i> , 2020, 393, 112756.	2.2	23
107	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, 137-141.	2.2	22
108	The Schizophrenia and Bipolar Disorder associated BRD1 gene is regulated upon chronic restraint stress. <i>European Neuropsychopharmacology</i> , 2012, 22, 651-656.	0.7	22

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109	Expression of inflammatory markers in a genetic rodent model of depression. <i>Behavioural Brain Research</i> , 2015, 281, 348-357.	2.2	22
110	Decreased in vivo α_2 adrenoceptor binding in the Flinders Sensitive Line rat model of depression. <i>Neuropharmacology</i> , 2015, 91, 97-102.	4.1	22
111	MicroRNA 101b Is Downregulated in the Prefrontal Cortex of a Genetic Model of Depression and Targets the Glutamate Transporter SLC1A1 (EAAT3) <i>in Vitro</i> . <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw069.	2.1	22
112	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.	0.7	22
113	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, 471-474.	1.2	21
114	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, 1-9.	1.9	20
115	Acute Inescapable Stress Rapidly Increases Synaptic Energy Metabolism in Prefrontal Cortex and Alters Working Memory Performance. <i>Cerebral Cortex</i> , 2019, 29, 4948-4957.	2.9	20
116	“Let food be thy medicine, and medicine be thy food”: Hippocrates revisited. <i>Acta Neuropsychiatrica</i> , 2014, 26, 1-3.	2.1	19
117	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.	2.1	19
118	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, 1324-1331.	0.7	18
119	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.	4.1	18
120	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, 338-342.	2.2	17
121	Electroconvulsive seizures regulates the Brd1 gene in the frontal cortex and hippocampus of the adult rat. <i>Neuroscience Letters</i> , 2012, 516, 110-113.	2.1	17
122	Syringe-feeding as a novel delivery method for accurate individual dosing of probiotics in rats. <i>Beneficial Microbes</i> , 2018, 9, 311-315.	2.4	17
123	5-HT 1A receptors in lithium-induced conditioned taste aversion. <i>Psychopharmacology</i> , 1997, 133, 51-54.	3.1	16
124	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.	1.9	16
125	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.	2.5	16
126	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.	2.1	16

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127	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.	0.7	16
128	An inhibitor of cAMP-dependent protein kinase induces behavioural and neurological antidepressant-like effects in rats. <i>Neuroscience Letters</i> , 2011, 498, 158-161.	2.1	15
129	Neurochemical differences in two rat strains exposed to social isolation rearing. <i>Acta Neuropsychiatrica</i> , 2012, 24, 286-295.	2.1	15
130	Latent toxoplasmosis and psychiatric symptoms – A role of tryptophan metabolism?. <i>Journal of Psychiatric Research</i> , 2019, 110, 45-50.	3.1	15
131	[11C]Mirtazapine binding in depressed antidepressant nonresponders studied by PET neuroimaging. <i>Psychopharmacology</i> , 2009, 206, 133-140.	3.1	14
132	Evaluation of the relationship between hyperinsulinaemia and myocardial ischaemia/reperfusion injury in a rat model of depression. <i>Clinical Science</i> , 2010, 118, 259-267.	4.3	14
133	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, 401-401.	7.9	14
134	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.	0.7	14
135	Brain volumetric alterations accompanied with loss of striatal medium-sized spiny neurons and cortical parvalbumin expressing interneurons in <i>Brd1+/-</i> mice. <i>Scientific Reports</i> , 2018, 8, 16486.	3.3	14
136	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.	2.1	14
137	Brain proteome changes in female <i>Brd1</i> mice unmask dendritic spine pathology and show enrichment for schizophrenia risk. <i>Neurobiology of Disease</i> , 2019, 124, 479-488.	4.4	14
138	Strain-, Sex-, and Time-Dependent Antidepressant-like Effects of Cannabidiol. <i>Pharmaceuticals</i> , 2021, 14, 1269.	3.8	14
139	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.	1.7	13
140	β_2 -adrenoceptor binding in Flinders-sensitive line compared with Flinders-resistant line and Sprague-Dawley rats. <i>Acta Neuropsychiatrica</i> , 2015, 27, 345-352.	2.1	12
141	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.	4.3	12
142	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.	2.9	12
143	Sex-dependent behavior, neuropeptide profile and antidepressant response in rat model of depression. <i>Behavioural Brain Research</i> , 2018, 351, 93-103.	2.2	12
144	Electroconvulsive shocks decrease β_2 -adrenoceptor binding in the Flinders rat model of depression. <i>European Neuropsychopharmacology</i> , 2015, 25, 404-412.	0.7	11

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145	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.	2.2	11
146	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.	3.5	11
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