

Gregers Wegener

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.

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	Tips and traps for behavioral animal experimentation.. <i>Acta Neuropsychiatrica</i> , 2022 , 1-39	3.9	
207	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
206	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
205	Dietary supplementation with casein glycomacropeptide, leucine and tryptophan reduces plasma amino acid levels in men. <i>Acta Neuropsychiatrica</i> , 2021 , 1-8	3.9	
204	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
203	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
202	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
201	The rat hippocampal gliovascular system following one week vortioxetine and fluoxetine. <i>European Neuropsychopharmacology</i> , 2021 , 42, 45-56	1.2	1
200	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
199	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
198	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
197	Co-administration of cannabidiol and ketamine induces antidepressant-like effects devoid of hyperlocomotor side-effects. <i>Neuropharmacology</i> , 2021 , 195, 108679	5.5	3
196	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	
195	Psychiatric and neuropsychiatric sequelae of COVID-19 - A systematic review. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 328-348	16.6	43
194	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
193	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	
192	Putative effects of cannabidiol in depression and synaptic plasticity 2021 , 459-467		1

191	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	
190	Structural Plasticity and Molecular Markers in Hippocampus of Male Rats after Acute Stress. <i>Neuroscience</i> , 2020 , 438, 100-115	3.9	4
189	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
188	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
187	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
186	Sustained Ultrastructural Changes in Rat Hippocampal Formation After Repeated Electroconvulsive Seizures. <i>International Journal of Neuropsychopharmacology</i> , 2020 , 23, 446-458	5.8	5
185	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
184	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	
183	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
182	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
181	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
180	Inflammation, insulin resistance and neuroprogression in depression. <i>Acta Neuropsychiatrica</i> , 2020 , 32, 1-9	3.9	25
179	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
178	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979		
177	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979		
176	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979		
175	Maternal stress and placental function; ex vivo placental perfusion studying cortisol, cortisone, tryptophan and serotonin 2020 , 15, e0233979		
174	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

173	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
172	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
171	P2X7 Receptor Signaling in Stress and Depression. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	43
170	Psilocybin lacks antidepressant-like effect in the Flinders Sensitive Line rat. <i>Acta Neuropsychiatrica</i> , 2019 , 31, 213-219	3.9	15
169	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
168	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
167	Electroconvulsive stimulation differentially affects [C]MDL100,907 binding to cortical and subcortical 5HT receptors in porcine brain. <i>Journal of Psychopharmacology</i> , 2019 , 33, 714-721	4.6	4
166	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
165	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
164	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
163	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
162	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
161	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
160	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
159	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
158	Reduced P2X receptor levels are associated with antidepressant effect in the learned helplessness model. <i>PeerJ</i> , 2019 , 7, e7834	3.1	5
157	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
156	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

155	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
154	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
153	Latent toxoplasmosis and psychiatric symptoms - A role of tryptophan metabolism?. <i>Journal of Psychiatric Research</i> , 2019 , 110, 45-50	5.2	10
152	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
151	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
150	Altered fecal microbiota composition in the Flinders sensitive line rat model of depression. <i>Psychopharmacology</i> , 2019 , 236, 1445-1457	4.7	26
149	Nitric oxide signalling and antidepressant action revisited. <i>Cell and Tissue Research</i> , 2019 , 377, 45-58	4.2	22
148	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
147	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
146	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
145	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
144	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
143	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
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	4.4	9
141	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
140	Maternal High-fat Diet Programs Offspring Emotional Behavior in Adulthood. <i>Neuroscience</i> , 2018 , 388, 87-101	3.9	31
139	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
138	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

137	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
136	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
135	Probiotic treatment reduces depressive-like behaviour in rats independently of diet. <i>Psychoneuroendocrinology</i> , 2017 , 79, 40-48	5	108
134	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
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	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
124	-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
123	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
122	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
121	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
120	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

119	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
118	Understanding in vivo modelling of depression in non-human animals: a systematic review protocol. <i>Evidence-based Preclinical Medicine</i> , 2016 , 3, e00024		4
117	Potential involvement of serotonergic signaling in ketamine α antidepressant actions: A critical review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 71, 27-38	5.5	34
116	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
115	Affectivity during social behaviour in a schizophrenic-like rat. <i>European Psychiatry</i> , 2016 , 33, S101-S102	6	
114	Vortioxetine promotes early changes in dendritic morphology compared to fluoxetine in rat hippocampus. <i>European Neuropsychopharmacology</i> , 2016 , 26, 234-245	1.2	27
113	Nitric Oxide Signaling in Depression and Antidepressant Action 2016 , 765-792		1
112	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
111	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
110	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
109	Neonatal domoic acid alters in vivo binding of [C]yohimbine to β adrenoceptors in adult rat brain. <i>Psychopharmacology</i> , 2016 , 233, 3779-3785	4.7	5
108	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
107	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
106	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
105	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
104	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
103	Electroconvulsive shocks decrease β -adrenoceptor binding in the Flinders rat model of depression. <i>European Neuropsychopharmacology</i> , 2015 , 25, 404-12	1.2	11
102	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

101	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
100	Chronic lipopolysaccharide infusion fails to induce depressive-like behaviour in adult male rats. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 189-94	3.9	4
99	Astroglial Control of the Antidepressant-Like Effects of Prefrontal Cortex Deep Brain Stimulation. <i>EBioMedicine</i> , 2015 , 2, 898-908	8.8	36
98	Behavioral and systemic consequences of long-term inflammatory challenge. <i>Journal of Neuroimmunology</i> , 2015 , 288, 40-6	3.5	28
97	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
96	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
95	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
94	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
93	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
92	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
91	Dietary magnesium deficiency alters gut microbiota and leads to depressive-like behaviour. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 168-76	3.9	48
90	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
89	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
88	Expression of inflammatory markers in a genetic rodent model of depression. <i>Behavioural Brain Research</i> , 2015 , 281, 348-57	3.4	19
87	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
86	Atypical Neurotransmitters and the Neurobiology of Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 1001-11	2.6	19
85	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
84	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

83	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
82	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
81	Depression and BMI influences the serum vascular endothelial growth factor level. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1409-17	5.8	25
80	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
79	The flinders sensitive line rat model of depression--25 years and still producing. <i>Pharmacological Reviews</i> , 2013 , 65, 143-55	22.5	158
78	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
77	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
76	Ketamine regulates the presynaptic release machinery in the hippocampus. <i>Journal of Psychiatric Research</i> , 2013 , 47, 892-9	5.2	39
75	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
74	The current development of CNS drug research. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 1687-93	5.8	36
73	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
72	Acta Neuropsychiatrica: A new beginning <i>Acta Neuropsychiatrica</i> , 2013 , 25, 1	3.9	3
71	A gene-environment study of cytoglobin in the human and rat hippocampus. <i>PLoS ONE</i> , 2013 , 8, e63288	3.7	7
70	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
69	Neurochemical differences in two rat strains exposed to social isolation rearing. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 286-95	3.9	11
68	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
67	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
66	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

65	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
64	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
63	Isolation-induced behavioural changes in a genetic animal model of depression. <i>Behavioural Brain Research</i> , 2012 , 230, 85-91	3.4	21
62	Welcome home. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 317	3.9	1
61	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
60	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
59	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
58	Electroconvulsive seizures stimulate the vegf pathway via mTORC1. <i>Synapse</i> , 2012 , 66, 340-5	2.4	28
57	Quantitative hippocampal structural changes following electroconvulsive seizure treatment in a rat model of depression. <i>Synapse</i> , 2012 , 66, 667-76	2.4	40
56	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
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