# Gregers Wegener

List of Publications by Year
in descending order

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|---|---|---|---|
| 220 papers | 7,566 citations | 50170 46 h-index | 76769 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 â€“ A systematic review. Brain, Behavior, and Immunity, 2021, 97, 328-348. | 2.0 | 264 |
| 2 | Pharmacological Effects of Lu AA21004: A Novel Multimodal Compound for the Treatment of Major Depressive Disorder. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 666-675. | 1.3 | 254 |
| 3 | Reference genes for normalization: A study of rat brain tissue. Synapse, 2008, 62, 302-309. | 0.6 | 219 |
| 4 | The Flinders Sensitive Line Rat Model of Depressionâ€”25 Years and Still Producing. Pharmacological Reviews, 2013, 65, 143-155. | 7.1 | 188 |
| 5 | Endogenous nitric oxide decreases hippocampal levels of serotonin and dopamine in vivo. British Journal of Pharmacology, 2000, 130, 575-580. | 2.7 | 149 |
| 6 | Probiotic treatment reduces depressive-like behaviour in rats independently of diet. Psychoneuroendocrinology, 2017, 79, 40-48. | 1.3 | 149 |
| 7 | Antidepressant- and anxiolytic-like effects of selective neuronal NOS inhibitor 1-(2-trifluoromethylphenyl)-imidazole in mice. Behavioural Brain Research, 2003, 140, 141-147. | 1.2 | 142 |
| 8 | Repeated electroconvulsive seizures increase the total number of synapses in adult male rat hippocampus. European Neuropsychopharmacology, 2009, 19, 329-338. | 0.3 | 133 |
| 9 | Local, but not systemic, administration of serotonergic antidepressants decreases hippocampal nitric oxide synthase activity. Brain Research, 2003, 959, 128-134. | 1.1 | 132 |
| 10 | Central functions of neuropeptide Y in mood and anxiety disorders. Expert Opinion on Therapeutic Targets, 2011, 15, 1317-1331. | 1.5 | 132 |
| 11 | Stress and corticosterone increase the readily releasable pool of glutamate vesicles in synaptic terminals of prefrontal and frontal cortex. Molecular Psychiatry, 2014, 19, 433-443. | 4.1 | 125 |
| 12 | Cannabidiol Induces Rapid and Sustained Antidepressant-Like Effects Through Increased BDNF Signaling and Synaptogenesis in the Prefrontal Cortex. Molecular Neurobiology, 2019, 56, 1070-1081. | 1.9 | 124 |
| 13 | Reduction of cGMP and nitric oxide has antidepressant-like effects in the forced swimming test in rats. Behavioural Brain Research, 2002, 134, 479-484. | 1.2 | 120 |
| 14 | Animal models of depression and anxiety: What do they tell us about human condition?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1357-1375. | 2.5 | 117 |
| 15 | Antidepressant treatment is associated with epigenetic alterations in the promoter of P11 in a genetic model of depression. International Journal of Neuropsychopharmacology, 2012, 15, 669-679. | 1.0 | 114 |
| 16 | Antidepressant-Like Effect of Sodium Butyrate is Associated with an Increase in TET1 and in 5-Hydroxymethylation Levels in the Bdnf Gene. International Journal of Neuropsychopharmacology, 2015, 18, pyu032-pyu032. | 1.0 | 111 |
| 17 | Stress?restress evokes sustained iNOS activity and altered GABA levels and NMDA receptors in rat hippocampus. Psychopharmacology, 2003, -1, 1-1. | 1.5 | 108 |
| 18 | Azure B, a metabolite of methylene blue, is a high-potency, reversible inhibitor of monoamine oxidase. Toxicology and Applied Pharmacology, 2012, 258, 403-409. | 1.3 | 99 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Imipramine treatment increases the number of hippocampal synapses and neurons in a genetic animal model of depression. Hippocampus, 2010, 20, 1376-1384. | 0.9 | 87 |
| 20 | P2X7 Receptor Signaling in Stress and Depression. International Journal of Molecular Sciences, 2019, 20, 2778. | 1.8 | 84 |
| 21 | Inverse correlation of brain and blood BDNF levels in a genetic rat model of depression. International Journal of Neuropsychopharmacology, 2010, 13, 563-572. | 1.0 | 83 |
| 22 | Nitric Oxide Synthase Inhibitors as Antidepressants. Pharmaceuticals, 2010, 3, 273-299. | 1.7 | 81 |
| 23 | Detection of brain-derived neurotrophic factor (BDNF) in rat blood and brain preparations using ELISA: Pitfalls and solutions. Journal of Neuroscience Methods, 2010, 187, 73-77. | 1.3 | 80 |
| 24 | The brain 5â€HT<sub>4</sub> receptor binding is downâ€regulated in the Flinders Sensitive Line depression model and in response to paroxetine administration. Journal of Neurochemistry, 2009, 109, 1363-1374. | 2.1 | 77 |
| 25 | A high-fat diet exacerbates depressive-like behavior in the Flinders Sensitive Line (FSL) rat, a genetic model of depression. Psychoneuroendocrinology, 2011, 36, 623-633. | 1.3 | 77 |
| 26 | Depression, the Val66Met polymorphism, age, and gender influence the serum BDNF level. Journal of Psychiatric Research, 2012, 46, 1118-1125. | 1.5 | 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. Neurobiology of Stress, 2019, 10, 100160. | 1.9 | 77 |
| 28 | Rapid antidepressant effect of ketamine correlates with astroglial plasticity in the hippocampus. British Journal of Pharmacology, 2017, 174, 483-492. | 2.7 | 67 |
| 29 | The microbial metabolite indole-3-propionic acid improves glucose metabolism in rats, but does not affect behaviour. Archives of Physiology and Biochemistry, 2018, 124, 306-312. | 1.0 | 67 |
| 30 | Telomerase Dysregulation in the Hippocampus of a Rat Model of Depression: Normalization by Lithium. International Journal of Neuropsychopharmacology, 2015, 18, pyv002-pyv002. | 1.0 | 66 |
| 31 | Increased stress-evoked nitric oxide signalling in the Flinders sensitive line (FSL) rat: a genetic animal model of depression. International Journal of Neuropsychopharmacology, 2010, 13, 461. | 1.0 | 64 |
| 32 | Maternal High-fat Diet Programs Offspring Emotional Behavior in Adulthood. Neuroscience, 2018, 388, 87-101. | 1.1 | 63 |
| 33 | Differential expression of synaptic proteins after chronic restraint stress in rat prefrontal cortex and hippocampus. Brain Research, 2011, 1385, 26-37. | 1.1 | 62 |
| 34 | The current development of CNS drug research. International Journal of Neuropsychopharmacology, 2013, 16, 1687-1693. | 1.0 | 62 |
| 35 | Nitric oxide as inflammatory mediator in post-traumatic stress disorder (PTSD): evidence from an animal model. Neuropsychiatric Disease and Treatment, 2005, 1, 109-123. | 1.0 | 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. Biochemical Pharmacology, 2010, 80, 1580-1591. | 2.0 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Dietary magnesium deficiency alters gut microbiota and leads to depressive-like behaviour. Acta Neuropsychiatrica, 2015, 27, 168-176. | 1.0 | 61 |
| 38 | Differential interaction with the serotonin system by S-ketamine, vortioxetine, and fluoxetine in a genetic rat model of depression. Psychopharmacology, 2016, 233, 2813-2825. | 1.5 | 59 |
| 39 | Emerging evidence for the antidepressant effect of cannabidiol and the underlying molecular mechanisms. Journal of Chemical Neuroanatomy, 2019, 98, 104-116. | 1.0 | 57 |
| 40 | Differential expression of synaptic vesicle proteins after repeated electroconvulsive seizures in rat frontal cortex and hippocampus. Synapse, 2008, 62, 662-670. | 0.6 | 56 |
| 41 | The antidepressant action of imipramine and venlafaxine involves suppression of nitric oxide synthesis. Behavioural Brain Research, 2011, 218, 57-63. | 1.2 | 56 |
| 42 | Inflammation, insulin resistance and neuroprogression in depression. Acta Neuropsychiatrica, 2020, 32, 1-9. | 1.0 | 56 |
| 43 | Methylene blue inhibits hippocampal nitric oxide synthase activity in vivo. Brain Research, 1999, 826, 303-305. | 1.1 | 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. Psychopharmacology, 2003, 166, 188-194. | 1.5 | 53 |
| 45 | Differential brain, but not serum VEGF levels in a genetic rat model of depression. Neuroscience Letters, 2010, 474, 13-16. | 1.0 | 53 |
| 46 | Neuropeptide S alters anxiety, but not depression-like behaviour in Flinders Sensitive Line rats: a genetic animal model of depression. International Journal of Neuropsychopharmacology, 2012, 15, 375-387. | 1.0 | 53 |
| 47 | Transcriptional regulation in the rat prefrontal cortex and hippocampus after a single administration of psilocybin. Journal of Psychopharmacology, 2021, 35, 483-493. | 2.0 | 52 |
| 48 | Ketamine regulates the presynaptic release machinery in the hippocampus. Journal of Psychiatric Research, 2013, 47, 892-899. | 1.5 | 50 |
| 49 | Selective Breeding for High Anxiety Introduces a Synonymous SNP That Increases Neuropeptide S Receptor Activity. Journal of Neuroscience, 2015, 35, 4599-4613. | 1.7 | 50 |
| 50 | Changes in rat hippocampal CA1 synapses following imipramine treatment. Hippocampus, 2008, 18, 631-639. | 0.9 | 48 |
| 51 | Astroglial Control of the Antidepressant-Like Effects of Prefrontal Cortex Deep Brain Stimulation. EBioMedicine, 2015, 2, 898-908. | 2.7 | 48 |
| 52 | Quantitative hippocampal structural changes following electroconvulsive seizure treatment in a rat model of depression. Synapse, 2012, 66, 667-676. | 0.6 | 45 |
| 53 | Altered fecal microbiota composition in the Flinders sensitive line rat model of depression. Psychopharmacology, 2019, 236, 1445-1457. | 1.5 | 44 |
| 54 | Grandmaternal high-fat diet primed anxiety-like behaviour in the second-generation female offspring. Behavioural Brain Research, 2019, 359, 47-55. | 1.2 | 44 |

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|---|---|---|---|
| 55 | Nitric oxide signalling and antidepressant action revisited. Cell and Tissue Research, 2019, 377, 45-58. | 1.5 | 43 |
| 56 | Nitric oxide involvement in the antidepressant-like effect of ketamine in the Flinders sensitive line rat model of depression. Acta Neuropsychiatrica, 2015, 27, 90-96. | 1.0 | 42 |
| 57 | Potential involvement of serotonergic signaling in ketamine's antidepressant actions: A critical review. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 71, 27-38. | 2.5 | 42 |
| 58 | Involvement of the NMDA receptor, NO-cyclic GMP and nuclear factor K-Î² in an animal model of repeated trauma. Human Psychopharmacology, 2005, 20, 367-373. | 0.7 | 41 |
| 59 | Diffusion-Weighted MRI and Quantitative Biophysical Modeling of Hippocampal Neurite Loss in Chronic Stress. PLoS ONE, 2011, 6, e20653. | 1.1 | 41 |
| 60 | Chronic treatment with the phosphodiesterase type 5 inhibitors sildenafil and tadalafil display anxiolytic effects in Flinders Sensitive Line rats. Metabolic Brain Disease, 2012, 27, 337-340. | 1.4 | 41 |
| 61 | Temporal Dynamics of Acute Stress-Induced Dendritic Remodeling in Medial Prefrontal Cortex and the Protective Effect of Desipramine. Cerebral Cortex, 2017, 27, bhv254. | 1.6 | 41 |
| 62 | Interferon-alpha treatment induces depression-like behaviour accompanied by elevated hippocampal quinolinic acid levels in rats. Behavioural Brain Research, 2015, 293, 166-172. | 1.2 | 41 |
| 63 | Nitric oxide is involved in the regulation of marble-burying behavior. Neuroscience Letters, 2010, 480, 55-58. | 1.0 | 40 |
| 64 | Selectively Bred Rodents as Models of Depression and Anxiety. Current Topics in Behavioral Neurosciences, 2011, 12, 139-187. | 0.8 | 40 |
| 65 | Increased hippocampal nitric oxide synthase activity and stress responsiveness after imipramine discontinuation: Role of 5HT 2A/C -receptors. Metabolic Brain Disease, 2006, 21, 201-210. | 1.4 | 39 |
| 66 | Probiotic treatment protects against the pro-depressant-like effect of high-fat diet in Flinders Sensitive Line rats. Brain, Behavior, and Immunity, 2017, 65, 33-42. | 2.0 | 39 |
| 67 | Mitochondrial plasticity of the hippocampus in a genetic rat model of depression after antidepressant treatment. Synapse, 2013, 67, 127-134. | 0.6 | 38 |
| 68 | Dietary magnesium deficiency affects gut microbiota and anxiety-like behaviour in C57BL/6N mice. Acta Neuropsychiatrica, 2015, 27, 307-311. | 1.0 | 38 |
| 69 | S-Ketamine Reverses Hippocampal Dendritic Spine Deficits in Flinders Sensitive Line Rats Within 1Âh of Administration. Molecular Neurobiology, 2019, 56, 7368-7379. | 1.9 | 38 |
| 70 | Serotonergic modulation of receptor occupancy in rats treated with <scp>l</scp>â€ÐOPA after unilateral 6â€ŌHDA lesioning. Journal of Neurochemistry, 2012, 120, 806-817. | 2.1 | 37 |
| 71 | Psilocybin lacks antidepressant-like effect in the Flinders Sensitive Line rat. Acta Neuropsychiatrica, 2019, 31, 213-219. | 1.0 | 37 |
| 72 | A new efficient method for synaptic vesicle quantification reveals differences between medial prefrontal cortex perforated and nonperforated synapses. Journal of Comparative Neurology, 2014, 522, 284-297. | 0.9 | 35 |

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|---|---|---|---|
| 73 | Neuropeptide Y infusion into the shell region of the rat nucleus accumbens increases extracellular levels of dopamine. NeuroReport, 2009, 20, 1023-1026. | 0.6 | 34 |
| 74 | Elevation of Il6 is associated with disturbed let-7 biogenesis in a genetic model of depression. Translational Psychiatry, 2016, 6, e869-e869. | 2.4 | 34 |
| 75 | Vortioxetine promotes early changes in dendritic morphology compared to fluoxetine in rat hippocampus. European Neuropsychopharmacology, 2016, 26, 234-245. | 0.3 | 34 |
| 76 | Atypical Neurotransmitters and the Neurobiology of Depression. CNS and Neurological Disorders - Drug Targets, 2015, 14, 1001-1011. | 0.8 | 33 |
| 77 | Faecal microbiota transplantation from patients with depression or healthy individuals into rats modulates mood-related behaviour. Scientific Reports, 2021, 11, 21869. | 1.6 | 33 |
| 78 | Electroconvulsive seizures stimulate the vegf pathway via mTORC1. Synapse, 2012, 66, 340-345. | 0.6 | 32 |
| 79 | Neurovascular plasticity of the hippocampus one week after a single dose of ketamine in genetic rat model of depression. Hippocampus, 2016, 26, 1414-1423. | 0.9 | 32 |
| 80 | Wistar rats subjected to chronic restraint stress display increased hippocampal spine density paralleled by increased expression levels of synaptic scaffolding proteins. Stress, 2012, 15, 514-523. | 0.8 | 31 |
| 81 | Behavioral and systemic consequences of long-term inflammatory challenge. Journal of Neuroimmunology, 2015, 288, 40-46. | 1.1 | 31 |
| 82 | Drugs with antidepressant properties affect tryptophan metabolites differently in rodent models with depressionâ€like behavior. Journal of Neurochemistry, 2017, 142, 118-131. | 2.1 | 31 |
| 83 | S-Ketamine Rapidly Reverses Synaptic and Vascular Deficits of Hippocampus in Genetic Animal Model of Depression. International Journal of Neuropsychopharmacology, 2017, 20, pyw098. | 1.0 | 30 |
| 84 | Probiotics Affect Oneâ€Carbon Metabolites and Catecholamines in a Genetic Rat Model of Depression. Molecular Nutrition and Food Research, 2018, 62, e1701070. | 1.5 | 30 |
| 85 | Treatment with an SSRI antidepressant restores hippocampo-hypothalamic corticosteroid feedback and reverses insulin resistance in low-birth-weight rats. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E920-E929. | 1.8 | 29 |
| 86 | Chronic maternal inflammation or high-fat-feeding programs offspring obesity in a sex-dependent manner. International Journal of Obesity, 2017, 41, 1420-1426. | 1.6 | 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. Frontiers in Pharmacology, 2017, 8, 978. | 1.6 | 28 |
| 88 | Decoding the Mechanism of Action of Rapid-Acting Antidepressant Treatment Strategies: Does Gender Matter?. International Journal of Molecular Sciences, 2019, 20, 949. | 1.8 | 28 |
| 89 | Nitric oxide modulates lithium-induced conditioned taste aversion. Behavioural Brain Research, 2001, 118, 195-200. | 1.2 | 27 |
| 90 | Antidepressant-like effect of agmatine is not mediated by serotonin. Behavioural Brain Research, 2008, 188, 324-328. | 1.2 | 27 |

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|---|---|---|---|
| 91 | Prenatal and adult stress interplay â€" behavioral implications. Brain Research, 2010, 1320, 106-113. | 1.1 | 27 |
| 92 | Allele-specific programming of Npy and epigenetic effects of physical activity in a genetic model of depression. Translational Psychiatry, 2013, 3, e255-e255. | 2.4 | 27 |
| 93 | Depression and BMI influences the serum vascular endothelial growth factor level. International Journal of Neuropsychopharmacology, 2014, 17, 1409-1417. | 1.0 | 27 |
| 94 | A single dose of vortioxetine, but not ketamine or fluoxetine, increases plasticity-related gene expression in the rat frontal cortex. European Journal of Pharmacology, 2016, 786, 29-35. | 1.7 | 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. Behavioural Brain Research, 2019, 364, 133-139. | 1.2 | 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. Psychopharmacology, 2015, 232, 2263-2273. | 1.5 | 26 |
| 97 | Antidepressant-like effect induced by P2X7 receptor blockade in FSL rats is associated with BDNF signalling activation. Journal of Psychopharmacology, 2019, 33, 1436-1446. | 2.0 | 26 |
| 98 | Stress and re-stress increases conditioned taste aversion learning in rats: Possible frontal cortical and hippocampal muscarinic receptor involvement. European Journal of Pharmacology, 2008, 586, 205-211. | 1.7 | 25 |
| 99 | Female Flinders Sensitive Line rats show estrous cycle-independent depression-like behavior and altered tryptophan metabolism. Neuroscience, 2016, 329, 337-348. | 1.1 | 25 |
| 100 | Isolation-induced behavioural changes in a genetic animal model of depression. Behavioural Brain Research, 2012, 230, 85-91. | 1.2 | 24 |
| 101 | Chronic Desipramine Prevents Acute Stress-Induced Reorganization of Medial Prefrontal Cortex Architecture by Blocking Glutamate Vesicle Accumulation and Excitatory Synapse Increase. International Journal of Neuropsychopharmacology, 2015, 18, . | 1.0 | 24 |
| 102 | Rapid effects of S-ketamine on the morphology of hippocampal astrocytes and BDNF serum levels in a sex-dependent manner. European Neuropsychopharmacology, 2020, 32, 94-103. | 0.3 | 24 |
| 103 | GLP-1 receptor agonists have a sustained stimulatory effect on corticosterone release after chronic treatment. Acta Neuropsychiatrica, 2015, 27, 25-32. | 1.0 | 23 |
| 104 | Mitochondria Are Critical for BDNF-Mediated Synaptic and Vascular Plasticity of Hippocampus following Repeated Electroconvulsive Seizures. International Journal of Neuropsychopharmacology, 2018, 21, 291-304. | 1.0 | 23 |
| 105 | Probiotics reduce risk-taking behavior in the Elevated Plus Maze in the Flinders Sensitive Line rat model of depression. Behavioural Brain Research, 2019, 359, 755-762. | 1.2 | 23 |
| 106 | Autistic-like behaviours and associated brain structural plasticity are modulated by oxytocin in maternally separated rats. Behavioural Brain Research, 2020, 393, 112756. | 1.2 | 23 |
| 107 | Investigating the role of protein kinase-G in the antidepressant-like response of sildenafil in combination with muscarinic acetylcholine receptor antagonism. Behavioural Brain Research, 2010, 209, 137-141. | 1.2 | 22 |
| 108 | The Schizophrenia and Bipolar Disorder associated BRD1 gene is regulated upon chronic restraint stress. European Neuropsychopharmacology, 2012, 22, 651-656. | 0.3 | 22 |

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|---|---|---|---|
| 109 | Expression of inflammatory markers in a genetic rodent model of depression. Behavioural Brain Research, 2015, 281, 348-357. | 1.2 | 22 |
| 110 | Decreased inÂvivo Î±2 adrenoceptor binding in the Flinders Sensitive Line rat model of depression. Neuropharmacology, 2015, 91, 97-102. | 2.0 | 22 |
| 111 | MicroRNA 101b Is Downregulated in the Prefrontal Cortex of a Genetic Model of Depression and Targets the Glutamate Transporter SLC1A1 (EAAT3)in Vitro. International Journal of Neuropsychopharmacology, 2016, 19, pyw069. | 1.0 | 22 |
| 112 | The antidepressant-like effect of probiotics and their faecal abundance may be modulated by the cohabiting gut microbiota in rats. European Neuropsychopharmacology, 2019, 29, 98-110. | 0.3 | 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. Synapse, 2016, 70, 471-474. | 0.6 | 21 |
| 114 | Effects of Anesthesia and Species on the Uptake or Binding of Radioligands In Vivo in the GÃ¶ttingen Minipig. BioMed Research International, 2013, 2013, 1-9. | 0.9 | 20 |
| 115 | Acute Inescapable Stress Rapidly Increases Synaptic Energy Metabolism in Prefrontal Cortex and Alters Working Memory Performance. Cerebral Cortex, 2019, 29, 4948-4957. | 1.6 | 20 |
| 116 | â€˜Let food be thy medicine, and medicine be thy foodâ€™: Hippocrates revisited. Acta Neuropsychiatrica, 2014, 26, 1-3. | 1.0 | 19 |
| 117 | A dual inhibitor of FAAH and TRPV1 channels shows dose-dependent effect on depression-like behaviour in rats. Acta Neuropsychiatrica, 2017, 29, 324-329. | 1.0 | 19 |
| 118 | Potential roles for Homer1 and Spinophilin in the preventive effect of electroconvulsive seizures on stress-induced CA3c dendritic retraction in the hippocampus. European Neuropsychopharmacology, 2015, 25, 1324-1331. | 0.3 | 18 |
| 119 | Ketamine-induced regulation of TrkB-GSK3Î² signaling is accompanied by slow EEG oscillations and sedation but is independent of hydroxynorketamine metabolites. Neuropharmacology, 2019, 157, 107684. | 2.0 | 18 |
| 120 | The effect of acute citalopram on extracellular 5-HT levels is not augmented by lithium: an in vivo microdialysis study. Brain Research, 2000, 871, 338-342. | 1.1 | 17 |
| 121 | Electroconvulsive seizures regulates the Brd1 gene in the frontal cortex and hippocampus of the adult rat. Neuroscience Letters, 2012, 516, 110-113. | 1.0 | 17 |
| 122 | Syringe-feeding as a novel delivery method for accurate individual dosing of probiotics in rats. Beneficial Microbes, 2018, 9, 311-315. | 1.0 | 17 |
| 123 | 5-HT 1A receptors in lithium-induced conditioned taste aversion. Psychopharmacology, 1997, 133, 51-54. | 1.5 | 16 |
| 124 | Mice heterozygous for an inactivated allele of the schizophrenia associated Brd1 gene display selective cognitive deficits with translational relevance to schizophrenia. Neurobiology of Learning and Memory, 2017, 141, 44-52. | 1.0 | 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. PLoS ONE, 2017, 12, e0182698. | 1.1 | 16 |
| 126 | A Critical Role of Mitochondria in BDNF-Associated Synaptic Plasticity After One-Week Vortioxetine Treatment. International Journal of Neuropsychopharmacology, 2018, 21, 603-615. | 1.0 | 16 |

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|---|---|---|---|
| 127 | A diet-induced gut microbiota component and related plasma metabolites are associated with depressive-like behaviour in rats. European Neuropsychopharmacology, 2021, 43, 10-21. | 0.3 | 16 |
| 128 | An inhibitor of cAMP-dependent protein kinase induces behavioural and neurological antidepressant-like effects in rats. Neuroscience Letters, 2011, 498, 158-161. | 1.0 | 15 |
| 129 | Neurochemical differences in two rat strains exposed to social isolation rearing. Acta Neuropsychiatrica, 2012, 24, 286-295. | 1.0 | 15 |
| 130 | Latent toxoplasmosis and psychiatric symptoms â€“ A role of tryptophan metabolism?. Journal of Psychiatric Research, 2019, 110, 45-50. | 1.5 | 15 |
| 131 | [11C]Mirtazapine binding in depressed antidepressant nonresponders studied by PET neuroimaging. Psychopharmacology, 2009, 206, 133-140. | 1.5 | 14 |
| 132 | Evaluation of the relationship between hyperinsulinaemia and myocardial ischaemia/reperfusion injury in a rat model of depression. Clinical Science, 2010, 118, 259-267. | 1.8 | 14 |
| 133 | Acute stress rapidly increases the readily releasable pool of glutamate vesicles in prefrontal and frontal cortex through non-genomic action of corticosterone. Molecular Psychiatry, 2014, 19, 401-401. | 4.1 | 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. European Neuropsychopharmacology, 2017, 27, 19-28. | 0.3 | 14 |
| 135 | Brain volumetric alterations accompanied with loss of striatal medium-sized spiny neurons and cortical parvalbumin expressing interneurons in Brd1+/â^' mice. Scientific Reports, 2018, 8, 16486. | 1.6 | 14 |
| 136 | Esketamine and rapastinel, but not imipramine, have antidepressant-like effect in a treatment-resistant animal model of depression. Acta Neuropsychiatrica, 2019, 31, 258-265. | 1.0 | 14 |
| 137 | Brain proteome changes in female Brd1 mice unmask dendritic spine pathology and show enrichment for schizophrenia risk. Neurobiology of Disease, 2019, 124, 479-488. | 2.1 | 14 |
| 138 | Strain-, Sex-, and Time-Dependent Antidepressant-like Effects of Cannabidiol. Pharmaceuticals, 2021, 14, 1269. | 1.7 | 14 |
| 139 | Chronic exposure to low doses of lipopolysaccharide and high-fat feeding increases body mass without affecting glucose tolerance in female rats. Physiological Reports, 2015, 3, e12584. | 0.7 | 13 |
| 140 | Î±<sub>2</sub>-adrenoceptor binding in Flinders-sensitive line compared with Flinders-resistant line and Sprague-Dawley rats. Acta Neuropsychiatrica, 2015, 27, 345-352. | 1.0 | 12 |
| 141 | Elevated dopamine D1 receptor availability in striatum of GÃ¶ttingen minipigs after electroconvulsive therapy. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 881-887. | 2.4 | 12 |
| 142 | Erythropoietin prevents the effect of chronic restraint stress on the number of hippocampal CA3c dendritic terminalsâ€"relation to expression of genes involved in synaptic plasticity, angiogenesis, inflammation, and oxidative stress in male rats. Journal of Neuroscience Research, 2018, 96, 103-116. | 1.3 | 12 |
| 143 | Sex-dependent behavior, neuropeptide profile and antidepressant response in rat model of depression. Behavioural Brain Research, 2018, 351, 93-103. | 1.2 | 12 |
| 144 | Electroconvulsive shocks decrease Î±2-adrenoceptor binding in the Flinders rat model of depression. European Neuropsychopharmacology, 2015, 25, 404-412. | 0.3 | 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. Behavioural Brain Research, 2016, 314, 45-51. | 1.2 | 11 |
| 146 | Ketamine and aminoguanidine differentially affect Bdnf and Mtor gene expression in the prefrontal cortex of adult male rats. European Journal of Pharmacology, 2017, 815, 304-311. | 1.7 | 11 |
| 147 | Gene expression related to serotonergic and glutamatergic neurotransmission is altered in the flinders sensitive line rat model of depression: Effect of ketamine. Synapse, 2017, 71, 37-45. | 0.6 | 11 |
| 148 | Dual Profile of Environmental Enrichment and Autistic-Like Behaviors in the Maternal Separated Model in Rats. International Journal of Molecular Sciences, 2021, 22, 1173. | 1.8 | 11 |
| 149 | Targeting 2â€arachidonoylglycerol signalling in the neurobiology and treatment of depression. Basic and Clinical Pharmacology and Toxicology, 2021, 129, 3-14. | 1.2 | 11 |
| 150 | Reduced P2X receptor levels are associated with antidepressant effect in the learned helplessness model. PeerJ, 2019, 7, e7834. | 0.9 | 11 |
| 151 | Receptor occupancy of mirtazapine determined by PET in healthy volunteers. Psychopharmacology, 2007, 195, 131-138. | 1.5 | 10 |
| 152 | Hemisphere-dependent endocannabinoid system activity in prefrontal cortex and hippocampus of the Flinders Sensitive Line rodent model of depression. Neurochemistry International, 2019, 125, 7-15. | 1.9 | 10 |
| 153 | Sustained Ultrastructural Changes in Rat Hippocampal Formation After Repeated Electroconvulsive Seizures. International Journal of Neuropsychopharmacology, 2020, 23, 446-458. | 1.0 | 10 |
| 154 | Reelin cells and sexâ€dependent synaptopathology in autism following postnatal immune activation. British Journal of Pharmacology, 2022, 179, 4400-4422. | 2.7 | 10 |
| 155 | Gestational chronic mild stress: Effects on acoustic startle in male offspring of rats. International Journal of Developmental Neuroscience, 2011, 29, 495-500. | 0.7 | 9 |
| 156 | Dual effect of nickel on L-arginine/nitric oxide system in RAW 264.7 macrophages. International Immunopharmacology, 2013, 15, 511-516. | 1.7 | 9 |
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| 158 | Behavioral and metabolic effects of S-adenosylmethionine and imipramine in the Flinders Sensitive Line rat model of depression. Behavioural Brain Research, 2019, 364, 274-280. | 1.2 | 9 |
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