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List of Publications by Year
in descending order

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43	1,236	331538	377752
papers	citations	21 h-index	34 g-index

44	44	44	2075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Subcellular Redistribution of the Serotonin Transporter by Secretory Carrier Membrane Protein 2. Journal of Biological Chemistry, 2006, 281, 28901-28909.	1.6	73
3	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
4	Maternal High-fat Diet Programs Offspring Emotional Behavior in Adulthood. Neuroscience, 2018, 388, 87-101.	1.1	63
5	Differential expression of synaptic proteins after chronic restraint stress in rat prefrontal cortex and hippocampus. Brain Research, 2011, 1385, 26-37.	1.1	62
6	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
7	Cholesterol binding to a conserved site modulates the conformation, pharmacology, and transport kinetics of the human serotonin transporter. Journal of Biological Chemistry, 2018, 293, 3510-3523.	1.6	55
8	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
9	Ketamine regulates the presynaptic release machinery in the hippocampus. Journal of Psychiatric Research, 2013, 47, 892-899.	1.5	50
10	Grandmaternal high-fat diet primed anxiety-like behaviour in the second-generation female offspring. Behavioural Brain Research, 2019, 359, 47-55.	1.2	44
11	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
12	Protein biomarkers of susceptibility and resilience to stress in a rat model of depression. Molecular and Cellular Neurosciences, 2016, 74, 87-95.	1.0	41
13	Differential regulation of nerve growth factor and brain-derived neurotrophic factor in a mouse model of learned helplessness. Experimental Neurology, 2006, 202, 404-409.	2.0	40
14	Membrane Glycoprotein M6B Interacts with the Human Serotonin Transporter. Journal of Molecular Neuroscience, 2009, 37, 191-200.	1.1	40
15	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
16	Psilocybin lacks antidepressant-like effect in the Flinders Sensitive Line rat. Acta Neuropsychiatrica, 2019, 31, 213-219.	1.0	37
17	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
18	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

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19	Differential expression of synaptic markers regulated during neurodevelopment in a rat model of schizophrenia-like behavior. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 95, 109669.	2.5	30
20	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
21	Serotonin transporter oligomerization documented in RN46A cells and neurons by sensitized acceptor emission FRET and fluorescence lifetime imaging microscopy. Biochemical and Biophysical Research Communications, 2009, 380, 724-728.	1.0	25
22	The Schizophrenia and Bipolar Disorder associated BRD1 gene is regulated upon chronic restraint stress. European Neuropsychopharmacology, 2012, 22, 651-656.	0.3	22
23	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
24	Characterisation of the zebrafish serotonin transporter functionally links TM10 to the ligand binding site. Journal of Neurochemistry, 2008, 105, 1794-1805.	2.1	20
25	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
26	Modulation of the dopamine transporter by interaction with Secretory Carrier Membrane Protein 2. Biochemical and Biophysical Research Communications, 2011, 406, 165-170.	1.0	17
27	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
28	Serotonin Transporter Associated Protein Complexes Are Enriched in Synaptic Vesicle Proteins and Proteins Involved in Energy Metabolism and Ion Homeostasis. ACS Chemical Neuroscience, 2017, 8, 1101-1116.	1.7	15
29	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
30	Enhanced yellow fluorescent protein photoconversion to a cyan fluorescent protein-like species is sensitive to thermal and diffusion conditions. Journal of Biomedical Optics, 2009, 14, 034039.	1.4	12
31	Differential Regulation of the Serotonin Transporter by Vesicle-Associated Membrane Protein 2 in Cells of Neuronal versus Non-Neuronal Origin. PLoS ONE, 2014, 9, e97540.	1.1	12
32	TNFÎ±-dependent anhedonia and upregulation of hippocampal serotonin transporter activity in a mouse model of collagen-induced arthritis. Neuropharmacology, 2018, 137, 211-220.	2.0	12
33	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
34	Chronic lipopolysaccharide infusion fails to induce depressive-like behaviour in adult male rats. Acta Neuropsychiatrica, 2015, 27, 189-194.	1.0	9
35	A Gene-Environment Study of Cytoglobin in the Human and Rat Hippocampus. PLoS ONE, 2013, 8, e63288.	1.1	9
36	Preclinical PET Studies of [11C]UCB-J Binding in Minipig Brain. Molecular Imaging and Biology, 2020, 22, 1290-1300.	1.3	8

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37	A Long-Term Energy-Rich Diet Increases Prefrontal BDNF in Sprague-Dawley Rats. Nutrients, 2022, 14, 126.	1.7	8
38	Chronic restraint stress increases the protein expression of VEGF and its receptor VEGFR-2 in the prefrontal cortex. Synapse, 2015, 69, 190-194.	0.6	7
39	DNA methylation of the KLK8 gene in depression symptomatology. Clinical Epigenetics, 2021, 13, 200.	1.8	7
40	Dysregulation of miR-185, miR-193a, and miR-450a in the skin are linked to the depressive phenotype. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 104, 110052.	2.5	4
41	Global loss of <scp>Neuronâ€specific</scp> gene 1 causes alterations in motor coordination, increased anxiety, and diurnal hyperactivity in male mice. Genes, Brain and Behavior, 2022, 21, e12816.	1.1	4
42	Chronic restraint stress affects serotonin transporter uptake kinetics but not binding sites in the rat hippocampus. Synapse, 2012, 66, 270-272.	0.6	3
43	PS202. The regulation of orexins and their cognate receptors in two distinct rat models of depression and effects of treatments. International Journal of Neuropsychopharmacology, 2016, 19, 74-74.	1.0	1