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List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,378
citations

430442

18
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

2738
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasomes in neuroinflammation and changes in brain function: a focused review. <i>Frontiers in Neuroscience</i> , 2014, 8, 315.	1.4	288
2	Cellular and molecular mechanisms of immunomodulation in the brain through environmental enrichment. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 97.	1.8	146
3	Population drug use in Australia: A wastewater analysis. <i>Forensic Science International</i> , 2011, 210, 69-73.	1.3	126
4	Effects of Centrally Administered Etanercept on Behavior, Microglia, and Astrocytes in Mice Following a Peripheral Immune Challenge. <i>Neuropsychopharmacology</i> , 2015, 40, 502-512.	2.8	72
5	TNF- α and its receptors modulate complex behaviours and neurotrophins in transgenic mice. <i>Psychoneuroendocrinology</i> , 2013, 38, 3102-3114.	1.3	67
6	The effects of aerobic exercise on depression-like, anxiety-like, and cognition-like behaviours over the healthy adult lifespan of C57BL/6 mice. <i>Behavioural Brain Research</i> , 2018, 337, 193-203.	1.2	61
7	Pcdh19 Loss-of-Function Increases Neuronal Migration In Vitro but is Dispensable for Brain Development in Mice. <i>Scientific Reports</i> , 2016, 6, 26765.	1.6	52
8	Effects of Npas4 deficiency on anxiety, depression-like, cognition and sociability behaviour. <i>Behavioural Brain Research</i> , 2015, 281, 276-282.	1.2	42
9	Effects of chemokine receptor signalling on cognition-like, emotion-like and sociability behaviours of CCR6 and CCR7 knockout mice. <i>Behavioural Brain Research</i> , 2014, 261, 31-39.	1.2	40
10	14-3-3 σ deficient mice in the BALB/c background display behavioural and anatomical defects associated with neurodevelopmental disorders. <i>Scientific Reports</i> , 2015, 5, 12434.	1.6	39
11	The effect of the antipsychotic drug quetiapine and its metabolite norquetiapine on acute inflammation, memory and anhedonia. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 135, 136-144.	1.3	29
12	Locomotor hyperactivity in 14-3-3 σ KO mice is associated with dopamine transporter dysfunction. <i>Translational Psychiatry</i> , 2013, 3, e327-e327.	2.4	28
13	The effects of short-term and long-term environmental enrichment on locomotion, mood-like behavior, cognition and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2019, 368, 111917.	1.2	26
14	Pharmacological and behavioral determinants of cocaine, methamphetamine, 3,4-methylenedioxymethamphetamine, and para-methoxyamphetamine-induced hyperthermia. <i>Psychopharmacology</i> , 2007, 194, 41-52.	1.5	25
15	Maternal separation modifies behavioural and neuroendocrine responses to stress in CCR7 deficient mice. <i>Behavioural Brain Research</i> , 2014, 263, 169-175.	1.2	25
16	Maternal immune activation targeted to a window of parvalbumin interneuron development improves spatial working memory: Implications for autism. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 339-349.	2.0	21
17	TNF signalling via the TNF receptors mediates the effects of exercise on cognition-like behaviours.. <i>Behavioural Brain Research</i> , 2018, 353, 74-82.	1.2	19
18	Ceasing exercise induces depression-like, anxiety-like, and impaired cognitive-like behaviours and altered hippocampal gene expression. <i>Brain Research Bulletin</i> , 2019, 148, 118-130.	1.4	19

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19	Long-term omega-3 supplementation modulates behavior, hippocampal fatty acid concentration, neuronal progenitor proliferation and central TNF- α expression in 7 month old unchallenged mice. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 399.	1.8	18
20	Tumor necrosis factor alpha and its receptors in behaviour and neurobiology of adult mice, in the absence of an immune challenge. <i>Behavioural Brain Research</i> , 2015, 290, 51-60.	1.2	18
21	Effects of aging on the motor, cognitive and affective behaviors, neuroimmune responses and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2020, 383, 112501.	1.2	18
22	Short-term environmental enrichment, and not physical exercise, alleviate cognitive decline and anxiety from middle age onwards without affecting hippocampal gene expression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1143-1169.	1.0	17
23	Investigating the Role of Serotonin in Methamphetamine Psychosis: Unaltered Behavioral Effects of Chronic Methamphetamine in 5-HT1A Knockout Mice. <i>Frontiers in Psychiatry</i> , 2017, 8, 61.	1.3	16
24	Behavioral phenotyping of a rat model of the BDNF Val66Met polymorphism reveals selective impairment of fear memory. <i>Translational Psychiatry</i> , 2022, 12, 93.	2.4	16
25	Effects of 3,4-methylenedioxymethamphetamine and related amphetamines on autonomic and behavioral thermoregulation. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 485-496.	1.3	15
26	In-vivo administration of clozapine affects behaviour but does not reverse dendritic spine deficits in the 14-3-3 η KO mouse model of schizophrenia-like disorders. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 138, 1-8.	1.3	14
27	The effect of long-term repeated exposure to 3,4-methylenedioxymethamphetamine on cardiovascular and thermoregulatory changes. <i>Psychopharmacology</i> , 2008, 201, 161-170.	1.5	13
28	Exercise related anxiety-like behaviours are mediated by TNF receptor signaling, but not depression-like behaviours. <i>Brain Research</i> , 2018, 1695, 10-17.	1.1	13
29	Tremorgenic effects and functional metabolomics analysis of lolitrem B and its biosynthetic intermediates. <i>Scientific Reports</i> , 2019, 9, 9364.	1.6	13
30	Brain-derived neurotrophic factor (BDNF) determines a sex difference in cue-conditioned alcohol seeking in rats. <i>Behavioural Brain Research</i> , 2018, 339, 73-78.	1.2	12
31	Duration of Environmental Enrichment Determines Astrocyte Number and Cervical Lymph Node T Lymphocyte Proportions but Not the Microglial Number in Middle-Aged C57BL/6 Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 57.	1.8	9
32	Extensive phenotyping of two ARX polyalanine expansion mutation mouse models that span clinical spectrum of intellectual disability and epilepsy. <i>Neurobiology of Disease</i> , 2017, 105, 245-256.	2.1	8
33	Interaction of Brain-Derived Neurotrophic Factor Val66Met genotype and history of stress in regulation of prepulse inhibition in mice. <i>Schizophrenia Research</i> , 2018, 198, 60-67.	1.1	8
34	Brain-Derived neurotrophic factor Val66Met induces female-specific changes in impulsive behaviour and alcohol self-administration in mice. <i>Behavioural Brain Research</i> , 2021, 401, 113090.	1.2	8
35	TrkB agonist 7,8-dihydroxyflavone reverses an induced prepulse inhibition deficit selectively in maternal immune activation offspring: implications for schizophrenia. <i>Behavioural Pharmacology</i> , 2021, 32, 404-412.	0.8	8
36	Increased effects of 3,4-methylenedioxymethamphetamine (ecstasy) in a rat model of depression. <i>Addiction Biology</i> , 2011, 16, 7-19.	1.4	7

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37	Short-Term Environmental Enrichment is a Stronger Modulator of Brain Glial Cells and Cervical Lymph Node T Cell Subtypes than Exercise or Combined Exercise and Enrichment. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 469-486.	1.7	7
38	Effect of Pleomorphic Adenoma Gene 1 Deficiency on Selected Behaviours in Adult Mice. <i>Neuroscience</i> , 2021, 455, 30-38.	1.1	7
39	<i>GAL</i> ₃ receptor knockout mice exhibit an alcohol-preferring phenotype. <i>Addiction Biology</i> , 2019, 24, 886-897.	1.4	5
40	Differential effects of chronic adolescent glucocorticoid or methamphetamine on drug-induced locomotor hyperactivity and disruption of prepulse inhibition in adulthood in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 117, 110552.	2.5	3
41	TNF signaling via TNF receptors does not mediate the effects of short-term exercise on cognition, anxiety and depressive-like behaviors in middle-aged mice. <i>Behavioural Brain Research</i> , 2021, 408, 113269.	1.2	0