Aet Alttoa

List of Publications by Year
in descending order

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25 papers	581 citations	623734 14 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	974 citing authors

#	Article	IF	Citations
1	Rats with persistently low or high exploratory activity: Behaviour in tests of anxiety and depression, and extracellular levels of dopamine. Behavioural Brain Research, 2007, 177, 269-281.	2.2	87
2	Brain responses to chronic social defeat stress: Effects on regional oxidative metabolism as a function of a hedonic trait, and gene expression in susceptible and resilient rats. European Neuropsychopharmacology, 2011, 21, 92-107.	0.7	55
3	Amphetamine-induced locomotion, behavioral sensitization to amphetamine, and striatal D2 receptor function in rats with high or low spontaneous exploratory activity: Differences in the role of locus coeruleus. Brain Research, 2007, 1131, 138-148.	2.2	44
4	Differential gene expression in a rat model of depression based on persistent differences in exploratory activity. European Neuropsychopharmacology, 2010, 20, 288-300.	0.7	43
5	Nitric oxide interacts with monoamine oxidase to modulate aggression and anxiety-like behaviour. European Neuropsychopharmacology, 2020, 30, 30-43.	0.7	36
6	Dissociation of impulsivity and aggression in mice deficient for the ADHD risk gene Adgrl3: Evidence for dopamine transporter dysregulation. Neuropharmacology, 2019, 156, 107557.	4.1	34
7	Interaction of NOS1AP with the NOS-I PDZ domain: Implications for schizophrenia-related alterations in dendritic morphology. European Neuropsychopharmacology, 2016, 26, 741-755.	0.7	29
8	Defective synaptic transmission causes disease signs in a mouse model of juvenile neuronal ceroid lipofuscinosis. ELife, 2017, 6, .	6.0	29
9	Tor1a+/- mice develop dystonia-like movements via a striatal dopaminergic dysregulation triggered by peripheral nerve injury. Acta Neuropathologica Communications, 2016, 4, 108.	5.2	27
10	Rats with persistently high exploratory activity have both higher extracellular dopamine levels and higher proportion of D receptors in the striatum. Synapse, 2009, 63, 443-446.	1.2	25
11	Lsampâ€"/â€" mice display lower sensitivity to amphetamine and have elevated 5-HT turnover. Biochemical and Biophysical Research Communications, 2013, 430, 413-418.	2.1	21
12	On the role of NOS1 ex1fâ€VNTR in ADHDâ€"allelic, subgroup, and metaâ€analysis. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 445-458.	1.7	20
13	Evidence for impaired function of dopaminergic system in Wfs1-deficient mice. Behavioural Brain Research, 2013, 244, 90-99.	2.2	19
14	The evolution of dystonia-like movements in TOR1A rats after transient nerve injury is accompanied by dopaminergic dysregulation and abnormal oscillatory activity of a central motor network. Neurobiology of Disease, 2021, 154, 105337.	4.4	18
15	Expression of the ADHD candidate gene Diras2 in the brain. Journal of Neural Transmission, 2018, 125, 913-923.	2.8	13
16	Effect of CCK1 and CCK2 receptor blockade on amphetamine-stimulated exploratory behavior and sensitization to amphetamine. European Neuropsychopharmacology, 2004, 14, 324-331.	0.7	12
17	Antidepressants differentially affect striatal amphetamine-stimulated dopamine and serotonin release in rats with high and low novelty-oriented behaviour. Pharmacological Research, 2016, 113, 739-746.	7.1	11
18	Challenges with modelling anxiety disorders: a possible hindrance for drug discovery. Expert Opinion on Drug Discovery, 2018, 13, 279-281.	5.0	11

#	Article	IF	Citations
19	Prenatal and postnatal experiences associated with epigenetic changes in the adult mouse brain. Behavioural Brain Research, 2019, 359, 143-148.	2.2	11
20	Limited effects of early life manipulations on sex-specific gene expression and behavior in adulthood. Behavioural Brain Research, 2019, 369, 111927.	2.2	10
21	Hippocampal overexpression of NOS1AP promotes endophenotypes related to mental disorders. EBioMedicine, 2021, 71, 103565.	6.1	8
22	Nitric oxide synthase genotype interacts with stressful life events to increase aggression in male subjects in a population-representative sample. European Neuropsychopharmacology, 2020, 30, 56-65.	0.7	7
23	Differences in extracellular glutamate levels in striatum of rats with high and low exploratory activity. Pharmacological Reports, 2015, 67, 858-865.	3.3	6
24	Comparison of psychotropic medication use in the Baltic countries. Nordic Journal of Psychiatry, 2020, 74, 301-306.	1.3	5
25	14. Conditional Knockout of Rbfox1, a Cross-Disorder Psychiatric Risk Gene, Causes an Autism-Like Phenotype in Mice. Biological Psychiatry, 2019, 85, S6.	1.3	0