Bianca De Filippis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5510171/publications.pdf

Version: 2024-02-01

37 papers	1,365 citations	361045 20 h-index	377514 34 g-index
37 all docs	37 docs citations	37 times ranked	1825 citing authors

#	Article	IF	Citations
1	Mitochondrial dysfunction as a central actor in intellectual disability-related diseases: An overview of Down syndrome, autism, Fragile X and Rett syndrome. Neuroscience and Biobehavioral Reviews, 2014, 46, 202-217.	2.9	151
2	Early postnatal behavioral changes in the Mecp2â€308 truncation mouse model of Rett syndrome. Genes, Brain and Behavior, 2010, 9, 213-223.	1.1	123
3	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. Neurobiology of Disease, 2014, 68, 66-77.	2.1	118
4	Mouse models of Rett syndrome: from behavioural phenotyping to preclinical evaluation of new therapeutic approaches. Behavioural Pharmacology, 2008, 19, 501-517.	0.8	97
5	Modulation of RhoGTPases Improves the Behavioral Phenotype and Reverses Astrocytic Deficits in a Mouse Model of Rett Syndrome. Neuropsychopharmacology, 2012, 37, 1152-1163.	2.8	91
6	Mitochondrial free radical overproduction due to respiratory chain impairment in the brain of a mouse model of Rett syndrome: protective effect of CNF1. Free Radical Biology and Medicine, 2015, 83, 167-177.	1.3	65
7	Pharmacological Stimulation of the Brain Serotonin Receptor 7 as a Novel Therapeutic Approach for Rett Syndrome. Neuropsychopharmacology, 2014, 39, 2506-2518.	2.8	64
8	Fractionation of Spatial Memory in GRM2/3 (mGlu2/mGlu3) Double Knockout Mice Reveals a Role for Group II Metabotropic Glutamate Receptors at the Interface Between Arousal and Cognition. Neuropsychopharmacology, 2011, 36, 2616-2628.	2.8	56
9	Cholinergic hypofunction in MeCP2-308 mice: Beneficial neurobehavioural effects of neonatal choline supplementation. Behavioural Brain Research, 2011, 221, 623-629.	1.2	55
10	Chronic treatment with the phytocannabinoid Cannabidivarin (CBDV) rescues behavioural alterations and brain atrophy in a mouse model of Rett syndrome. Neuropharmacology, 2018, 140, 121-129.	2.0	49
11	Long-lasting beneficial effects of central serotonin receptor 7 stimulation in female mice modeling Rett syndrome. Frontiers in Behavioral Neuroscience, 2015, 9, 86.	1.0	44
12	Rett syndrome treatment in mouse models: Searching for effective targets and strategies. Neuropharmacology, 2013, 68, 106-115.	2.0	43
13	Stimulation of the brain serotonin receptor 7 rescues mitochondrial dysfunction in female mice from two models of Rett syndrome. Neuropharmacology, 2017, 121, 79-88.	2.0	43
14	Modulation of Rho GTPases rescues brain mitochondrial dysfunction, cognitive deficits and aberrant synaptic plasticity in female mice modeling Rett syndrome. European Neuropsychopharmacology, 2015, 25, 889-901.	0.3	41
15	The role of group II metabotropic glutamate receptors in cognition and anxiety: Comparative studies in GRM2â˜'/â˜', GRM3â˜'/â˜' and GRM2/3â˜'/â˜' knockout mice. Neuropharmacology, 2015, 89, 19-32.	2.0	37
16	Genes and sex hormones interaction in neurodevelopmental disorders. Neuroscience and Biobehavioral Reviews, 2016, 67, 9-24.	2.9	31
17	Rett syndrome before regression: A time window of overlooked opportunities for diagnosis and intervention. Neuroscience and Biobehavioral Reviews, 2019, 107, 115-135.	2.9	31
18	Neonatal exposure to low dose corticosterone persistently modulates hippocampal mineralocorticoid receptor expression and improves locomotor/exploratory behaviour in a mouse model of Rett syndrome. Neuropharmacology, 2013, 68, 174-183.	2.0	26

#	Article	IF	Citations
19	Rescue of prepulse inhibition deficit and brain mitochondrial dysfunction by pharmacological stimulation of the central serotonin receptor 7 in a mouse model of CDKL5 Deficiency Disorder. Neuropharmacology, 2019, 144, 104-114.	2.0	25
20	Preservation of mitochondrial functional integrity in mitochondria isolated from small cryopreserved mouse brain areas. Analytical Biochemistry, 2014, 444, 25-31.	1.1	22
21	Aberrant Rho GTPases signaling and cognitive dysfunction: In vivo evidence for a compelling molecular relationship. Neuroscience and Biobehavioral Reviews, 2014, 46, 285-301.	2.9	21
22	Personality and lateralization in common marmosets (Callithrix jacchus). Behavioural Processes, 2019, 167, 103899.	0.5	18
23	Persistent Unresolved Inflammation in the Mecp2-308 Female Mutated Mouse Model of Rett Syndrome. Mediators of Inflammation, 2017, 2017, 1-9.	1.4	17
24	The Anti-Diabetic Drug Metformin Rescues Aberrant Mitochondrial Activity and Restrains Oxidative Stress in a Female Mouse Model of Rett Syndrome. Journal of Clinical Medicine, 2020, 9, 1669.	1.0	17
25	Chronic Treatment with Cannabidiolic Acid (CBDA) Reduces Thermal Pain Sensitivity in Male Mice and Rescues the Hyperalgesia in a Mouse Model of Rett Syndrome. Neuroscience, 2021, 453, 113-123.	1.1	16
26	Deficient Purposeful Use of Forepaws in Female Mice Modelling Rett Syndrome. Neural Plasticity, 2015, 2015, 1-13.	1.0	14
27	Towards a consensus on developmental regression. Neuroscience and Biobehavioral Reviews, 2019, 107, 3-5.	2.9	14
28	Methyl-CpG binding protein 2 functional alterations provide vulnerability to develop behavioral and molecular features of post-traumatic stress disorder in male mice. Neuropharmacology, 2019, 160, 107664.	2.0	11
29	Novel highly potent serotonin 5-HT7 receptor ligands: Structural modifications to improve pharmacokinetic properties. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6083-6086.	1.0	6
30	Methylâ€CpG binding protein 2 dysfunction provides stress vulnerability with sexâ€and zygosityâ€dependent outcomes. European Journal of Neuroscience, 2022, 55, 2766-2776.	1.2	6
31	Treatment with the Bacterial Toxin CNF1 Selectively Rescues Cognitive and Brain Mitochondrial Deficits in a Female Mouse Model of Rett Syndrome Carrying a MeCP2-Null Mutation. International Journal of Molecular Sciences, 2021, 22, 6739.	1.8	5
32	Severe Intragroup Aggressions in Captive Common Marmosets (Callithrix jacchus). Journal of Applied Animal Welfare Science, 2009, 12, 214-222.	0.4	4
33	Investigating Rett Syndrome Through Genetic Mouse Models: Presymptomatic, Clearly Symptomatic Phases, and Innovative Therapeutic Approaches. Neuromethods, 2010, , 151-178.	0.2	3
34	Stimulation of the Serotonin Receptor 7 Restores Brain Histone H3 Acetylation and MeCP2 Corepressor Protein Levels in a Female Mouse Model of Rett Syndrome. Journal of Neuropathology and Experimental Neurology, 2021, 80, 265-273.	0.9	1
35	[P1.31]: Improvement of circadian locomotor ciclicity and cognitive profile in a mouse model of Rett syndrome: Effects of the Rho GTPaseâ€modulating protein CNF1. International Journal of Developmental Neuroscience, 2010, 28, 666-666.	0.7	0
36	[P2.43]: Cholinergic hypoactivity and altered ngf levels in a mouse model of rett syndrome: Beneficial neurobehavioral effects of early choline supplementation. International Journal of Developmental Neuroscience, 2010, 28, 701-701.	0.7	0

#	Article	IF	Citations
37	Rett syndrome. , 0, , 134-145.		0