

Bianca De Filippis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,077
citations

18
h-index

32
g-index

37
ext. papers

1,244
ext. citations

4.9
avg, IF

4.23
L-index

#	Paper	IF	Citations
37	Methyl-CpG binding protein 2 dysfunction provides stress vulnerability with sex- and zygosity-dependent outcomes. <i>European Journal of Neuroscience</i> , 2021 ,	3.5	3
36	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. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
35	Chronic Treatment with Cannabidiolic Acid (CBDA) Reduces Thermal Pain Sensitivity in Male Mice and Rescues the Hyperalgesia in a Mouse Model of Rett Syndrome. <i>Neuroscience</i> , 2021 , 453, 113-123	3.9	4
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. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 265-273	3.1	1
33	The Anti-Diabetic Drug Metformin Rescues Aberrant Mitochondrial Activity and Restrains Oxidative Stress in a Female Mouse Model of Rett Syndrome. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
32	Methyl-CpG binding protein 2 functional alterations provide vulnerability to develop behavioral and molecular features of post-traumatic stress disorder in male mice. <i>Neuropharmacology</i> , 2019 , 160, 107664	5.5	7
31	Rett syndrome before regression: A time window of overlooked opportunities for diagnosis and intervention. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 107, 115-135	9	14
30	Towards a consensus on developmental regression. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 107, 3-5	9	7
29	Personality and lateralization in common marmosets (<i>Callithrix jacchus</i>). <i>Behavioural Processes</i> , 2019 , 167, 103899	1.6	14
28	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. <i>Neuropharmacology</i> , 2019 , 144, 104-114	5.5	22
27	Chronic treatment with the phytocannabinoid Cannabidivarin (CBDV) rescues behavioural alterations and brain atrophy in a mouse model of Rett syndrome. <i>Neuropharmacology</i> , 2018 , 140, 121-129	5.5	34
26	Stimulation of the brain serotonin receptor 7 rescues mitochondrial dysfunction in female mice from two models of Rett syndrome. <i>Neuropharmacology</i> , 2017 , 121, 79-88	5.5	31
25	Persistent Unresolved Inflammation in the -308 Female Mutated Mouse Model of Rett Syndrome. <i>Mediators of Inflammation</i> , 2017 , 2017, 9467819	4.3	12
24	Genes and sex hormones interaction in neurodevelopmental disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 67, 9-24	9	20
23	Mitochondrial free radical overproduction due to respiratory chain impairment in the brain of a mouse model of Rett syndrome: protective effect of CNF1. <i>Free Radical Biology and Medicine</i> , 2015 , 83, 167-77	7.8	54
22	The role of group II metabotropic glutamate receptors in cognition and anxiety: comparative studies in GRM2(-/-), GRM3(-/-) and GRM2/3(-/-) knockout mice. <i>Neuropharmacology</i> , 2015 , 89, 19-32	5.5	28
21	Modulation of Rho GTPases rescues brain mitochondrial dysfunction, cognitive deficits and aberrant synaptic plasticity in female mice modeling Rett syndrome. <i>European Neuropsychopharmacology</i> , 2015 , 25, 889-901	1.2	37

20	Long-lasting beneficial effects of central serotonin receptor 7 stimulation in female mice modeling Rett syndrome. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 86	3.5	34
19	Deficient Purposeful Use of Forepaws in Female Mice Modelling Rett Syndrome. <i>Neural Plasticity</i> , 2015 , 2015, 326184	3.3	12
18	Mitochondrial dysfunction as a central actor in intellectual disability-related diseases: an overview of Down syndrome, autism, Fragile X and Rett syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 46 Pt 2, 202-17	9	111
17	Preservation of mitochondrial functional integrity in mitochondria isolated from small cryopreserved mouse brain areas. <i>Analytical Biochemistry</i> , 2014 , 444, 25-31	3.1	16
16	Aberrant Rho GTPases signaling and cognitive dysfunction: in vivo evidence for a compelling molecular relationship. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 46 Pt 2, 285-301	9	18
15	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. <i>Neurobiology of Disease</i> , 2014 , 68, 66-77	7.5	86
14	Pharmacological stimulation of the brain serotonin receptor 7 as a novel therapeutic approach for Rett syndrome. <i>Neuropsychopharmacology</i> , 2014 , 39, 2506-18	8.7	52
13	Novel highly potent serotonin 5-HT7 receptor ligands: structural modifications to improve pharmacokinetic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 6083-6	2.9	5
12	Neonatal exposure to low dose corticosterone persistently modulates hippocampal mineralocorticoid receptor expression and improves locomotor/exploratory behaviour in a mouse model of Rett syndrome. <i>Neuropharmacology</i> , 2013 , 68, 174-83	5.5	23
11	Rett syndrome treatment in mouse models: searching for effective targets and strategies. <i>Neuropharmacology</i> , 2013 , 68, 106-15	5.5	38
10	Modulation of RhoGTPases improves the behavioral phenotype and reverses astrocytic deficits in a mouse model of Rett syndrome. <i>Neuropsychopharmacology</i> , 2012 , 37, 1152-63	8.7	81
9	Cholinergic hypofunction in MeCP2-308 mice: beneficial neurobehavioural effects of neonatal choline supplementation. <i>Behavioural Brain Research</i> , 2011 , 221, 623-9	3.4	47
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. <i>Neuropsychopharmacology</i> , 2011 , 36, 2616-28	8.7	49
7	Early postnatal behavioral changes in the Mecp2-308 truncation mouse model of Rett syndrome. <i>Genes, Brain and Behavior</i> , 2010 , 9, 213-23	3.6	116
6	[P1.31]: Improvement of circadian locomotor ciclicity and cognitive profile in a mouse model of Rett syndrome: Effects of the Rho GTPase-modulating protein CNF1. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 666-666	2.7	
5	[P2.43]: Cholinergic hypoactivity and altered ngf levels in a mouse model of rett syndrome: Beneficial neurobehavioral effects of early choline supplementation. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 701-701	2.7	
4	Investigating Rett Syndrome Through Genetic Mouse Models: Presymptomatic, Clearly Symptomatic Phases, and Innovative Therapeutic Approaches. <i>Neuromethods</i> , 2010 , 151-178	0.4	2
3	Severe intragroup aggressions in captive common marmosets (<i>Callithrix jacchus</i>). <i>Journal of Applied Animal Welfare Science</i> , 2009 , 12, 214-22	1.6	3

2	Mouse models of Rett syndrome: from behavioural phenotyping to preclinical evaluation of new therapeutic approaches. <i>Behavioural Pharmacology</i> , 2008 , 19, 501-17	2.4	85
1	Rett syndrome134-145		