Patrizia D'Adamo

List of Publications by Year
in descending order

54	4,022	159525 30	175177 52
papers	citations	h-index	g-index

57	57	57	5541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel X-linked gene, G4.5. is responsible for Barth syndrome. Nature Genetics, 1996, 12, 385-389.	9.4	718
2	Mutations in GDI1 are responsible for X-linked non-specific mental retardation. Nature Genetics, 1998, 19, 134-139.	9.4	304
3	The X-Linked Gene G4.5 Is Responsible for Different Infantile Dilated Cardiomyopathies. American Journal of Human Genetics, 1997, 61, 862-867.	2.6	236
4	Mutations in the Small GTPase Gene RAB39B Are Responsible for X-linked Mental Retardation Associated with Autism, Epilepsy, and Macrocephaly. American Journal of Human Genetics, 2010, 86, 185-195.	2.6	220
5	A Mutation in the Rett Syndrome Gene, MECP2, Causes X-Linked Mental Retardation and Progressive Spasticity in Males. American Journal of Human Genetics, 2000, 67, 982-985.	2.6	213
6	Mutations in RAB39B Cause X-Linked Intellectual Disability and Early-Onset Parkinson Disease with Î±-Synuclein Pathology. American Journal of Human Genetics, 2014, 95, 729-735.	2.6	207
7	Conditioned taste aversion as a learning and memory paradigm. Behavioural Brain Research, 2001, 125, 205-213.	1.2	188
8	Reactive astrocytes and Wnt/Î²-catenin signaling link nigrostriatal injury to repair in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model of Parkinson's disease. Neurobiology of Disease, 2011, 41, 508-527.	2.1	177
9	2-Deoxy-d-Glucose Ameliorates PKD Progression. Journal of the American Society of Nephrology: JASN, 2016, 27, 1958-1969.	3.0	140
10	Deletion of the mental retardation gene Gdi1 impairs associative memory and alters social behavior in mice. Human Molecular Genetics, 2002, 11, 2567-2580.	1.4	100
11	Synaptic dysfunction, memory deficits and hippocampal atrophy due to ablation of mitochondrial fission in adult forebrain neurons. Cell Death and Differentiation, 2016, 23, 18-28.	5.0	94
12	The intellectual disability protein RAB39B selectively regulates GluA2 trafficking to determine synaptic AMPAR composition. Nature Communications, 2015, 6, 6504.	5.8	93
13	Accelerated extinction of conditioned taste aversion in P301L tau transgenic mice. Neurobiology of Disease, 2004, 15, 500-509.	2.1	81
14	X Chromosome Inactivation in Carriers of Barth Syndrome. American Journal of Human Genetics, 1998, 63, 1457-1463.	2.6	71
15	Subventricular zone neural progenitors protect striatal neurons from glutamatergic excitotoxicity. Brain, 2012, 135, 3320-3335.	3.7	67
16	Midlatency auditory event-related potentials in mice: comparison to midlatency auditory ERPs in humans. Brain Research, 2004, 1019, 189-200.	1.1	61
17	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. Science Immunology, 2022, 7, .	5.6	61
18	Critical importance of RAB proteins for synaptic function. Small GTPases, 2018, 9, 145-157.	0.7	60

#	Article	IF	Citations
19	Disruption of ArhGAP15 results in hyperactive Rac1, affects the architecture and function of hippocampal inhibitory neurons and causes cognitive deficits. Scientific Reports, 2016, 6, 34877.	1.6	58
20	Increased Dosage of RAB39B Affects Neuronal Development and Could Explain the Cognitive Impairment in Male Patients with Distal Xq28 Copy Number Gains. Human Mutation, 2014, 35, 377-383.	1.1	52
21	Mice deficient for the synaptic vesicle protein Rab3a show impaired spatial reversal learning and increased explorative activity but none of the behavioral changes shown by mice deficient for the Rab3a regulator Gdi1. European Journal of Neuroscience, 2004, 19, 1895-1905.	1.2	50
22	Cognitive impairment in Gdi1-deficient mice is associated with altered synaptic vesicle pools and short-term synaptic plasticity, and can be corrected by appropriate learning training. Human Molecular Genetics, 2009, 18, 105-117.	1.4	50
23	Niacinâ€mediated Tace activation ameliorates <scp>CMT</scp> neuropathies with focal hypermyelination. EMBO Molecular Medicine, 2016, 8, 1438-1454.	3.3	48
24	Ceruloplasmin replacement therapy ameliorates neurological symptoms in a preclinical model ofÂaceruloplasminemia. EMBO Molecular Medicine, 2018, 10, 91-106.	3.3	48
25	Aquaporin-8 Is Involved in Water Transport in Isolated Superficial Colonocytes from Rat Proximal Colon. Journal of Nutrition, 2005, 135, 2329-2336.	1.3	45
26	RAB GTPases and RAB-interacting proteins and their role in the control of cognitive functions. Neuroscience and Biobehavioral Reviews, 2014, 46, 302-314.	2.9	45
27	X-linked Parkinsonism with Intellectual Disability caused by novel mutations and somatic mosaicism in RAB39B gene. Parkinsonism and Related Disorders, 2017, 44, 142-146.	1.1	43
28	Alterations in the brain adenosine metabolism cause behavioral and neurological impairment in ADA-deficient mice and patients. Scientific Reports, 2017, 7, 40136.	1.6	38
29	A CTNNA3 compound heterozygous deletion implicates a role for Î±T-catenin in susceptibility to autism spectrum disorder. Journal of Neurodevelopmental Disorders, 2014, 6, 17.	1.5	37
30	A novel SYN1 missense mutation in non-syndromic X-linked intellectual disability affects synaptic vesicle life cycle, clustering and mobility. Human Molecular Genetics, 2017, 26, 4699-4714.	1.4	37
31	Growth Defects and Impaired Cognitiveâ€“Behavioral Abilities in Mice with Knockout for Eif4h, a Gene Located in the Mouse Homolog of the Williams-Beuren Syndrome Critical Region. American Journal of Pathology, 2012, 180, 1121-1135.	1.9	35
32	Pharmacological Modulation of AMPAR Rescues Intellectual Disability-Like Phenotype in Tm4sf2â^'/y Mice. Cerebral Cortex, 2017, 27, 5369-5384.	1.6	33
33	Hyperactivity and novelty-induced hyperreactivity in mice lacking Rac3. Behavioural Brain Research, 2008, 186, 246-255.	1.2	30
34	Scn1a gene reactivation after symptom onset rescues pathological phenotypes in a mouse model of Dravet syndrome. Nature Communications, 2022, 13, 161.	5.8	29
35	Down-sizing of neuronal network activity and density of presynaptic terminals by pathological acidosis are efficiently prevented by Diminazene Aceturate. Brain, Behavior, and Immunity, 2015, 45, 263-276.	2.0	27
36	Loss of Either Rac1 or Rac3 GTPase Differentially Affects the Behavior of Mutant Mice and the Development of Functional GABAergic Networks. Cerebral Cortex, 2016, 26, bhv274.	1.6	27

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37	X-linked non-specific mental retardation. Current Opinion in Genetics and Development, 2000, 10, 280-285.	1.5	25
38	Increased neuroplasticity and hippocampal microglia activation in a mice model of rapid antidepressant treatment. Behavioural Brain Research, 2016, 311, 392-402.	1.2	21
39	Selective killing of spinal cord neural stem cells impairs locomotor recovery in a mouse model of spinal cord injury. Journal of Neuroinflammation, 2018, 15, 58.	3.1	19
40	A Novel Mecp2Y120D Knock-in Model Displays Similar Behavioral Traits But Distinct Molecular Features Compared to the Mecp2-Null Mouse Implying Precision Medicine for the Treatment of Rett Syndrome. Molecular Neurobiology, 2019, 56, 4838-4854.	1.9	19
41	Forebrain Deletion of Î±GDI in Adult Mice Worsens the Pre-Synaptic Deficit at Cortico-Lateral Amygdala Synaptic Connections. PLoS ONE, 2012, 7, e29763.	1.1	18
42	Inhibiting glycolysis rescues memory impairment in an intellectual disability Gdi1-null mouse. Metabolism: Clinical and Experimental, 2021, 116, 154463.	1.5	14
43	Temporal gene expression profile of the hippocampus following trace fear conditioning. Brain Research, 2010, 1308, 14-23.	1.1	13
44	A nonsense mutation in myelin protein zero causes congenital hypomyelination neuropathy through altered P0 membrane targeting and gain of abnormal function. Human Molecular Genetics, 2019, 28, 124-132.	1.4	12
45	Xâ€linked severe mental retardation and a progressive neurological disorder in a Belgian family: clinical and genetic studies. Clinical Genetics, 1997, 52, 155-161.	1.0	11
46	Altered fronto-striatal functions in the Gdi1-null mouse model of X-linked Intellectual Disability. Neuroscience, 2017, 344, 346-359.	1.1	10
47	RAB39B-mediated trafficking of the GluA2-AMPAR subunit controls dendritic spine maturation and intellectual disability-related behaviour. Molecular Psychiatry, 2021, 26, 6531-6549.	4.1	10
48	Impaired Î±GDI Function in the X-Linked Intellectual Disability: The Impact on Astroglia Vesicle Dynamics. Molecular Neurobiology, 2017, 54, 2458-2468.	1.9	7
49	Clinical characterization of a novel RAB39B nonstop mutation in a family with ASD and severe ID causing RAB39B downregulation and study of a Rab39b knock down mouse model. Human Molecular Genetics, 2022, 31, 1389-1406.	1.4	5
50	Mouse Models of Hereditary Mental Retardation. Contemporary Clinical Neuroscience, 2006, , 101-125.	0.3	4
51	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. Science Immunology, 2021, , eabl9929.	5.6	3
52	DNA variants in the human RAB3A gene are not associated with autism. Genes, Brain and Behavior, 2004, 3, 123-124.	1.1	0
53	Persistent acidosis affects electrophysiological transmission and synaptic homeostasis of neuronal networks. Journal of Neuroimmunology, 2014, 275, 146-147.	1.1	0
54	Congenital, Non-inheritable Chromosomal Abnormalities Responsible for Neurological Disorders. , 2009, , 193-218.		0