Rosanna Parlato

List of Publications by Year
in descending order

64 papers	7,433 citations	186265 28 h-index	123424 61 g-index
68 all docs	68 docs citations	68 times ranked	17912 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Glutamate Receptors on Dopamine Neurons Control the Persistence of Cocaine Seeking. Neuron, 2008, 59, 497-508.	8.1	224
3	Role of the thyroid-stimulating hormone receptor signaling in development and differentiation of the thyroid gland. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15462-15467.	7.1	216
4	An integrated regulatory network controlling survival and migration in thyroid organogenesis. Developmental Biology, 2004, 276, 464-475.	2.0	161
5	cAMP Response Element-Binding Protein Regulates Differentiation and Survival of Newborn Neurons in the Olfactory Bulb. Journal of Neuroscience, 2005, 25, 10105-10118.	3.6	142
6	Nucleolar Disruption in Dopaminergic Neurons Leads to Oxidative Damage and Parkinsonism through Repression of Mammalian Target of Rapamycin Signaling. Journal of Neuroscience, 2011, 31, 453-460.	3.6	136
7	Target-dependent specification of the neurotransmitter phenotype:cholinergic differentiation of sympathetic neurons is mediated in vivo by gp130 signaling. Development (Cambridge), 2006, 133, 141-150.	2.5	110
8	Ptenablation in adult dopaminergic neurons is neuroprotective in Parkinson's disease models. FASEB Journal, 2011, 25, 2898-2910.	0.5	106
9	Distribution of thetitf2/foxe1 gene product is consistent with an important role in the development of foregut endoderm, palate, and hair. Developmental Dynamics, 2002, 224, 450-456.	1.8	89
10	Nucleolar activity in neurodegenerative diseases: a missing piece of the puzzle?. Journal of Molecular Medicine, 2013, 91, 541-547.	3.9	89
11	Analysis of dopamine transporter gene expression patternâ€ƒâ€™â€ƒgeneration of DAT-iCre transgenic mice. FEBS Journal, 2007, 274, 3568-3577.	4.7	84
12	Activation of an Endogenous Suicide Response after Perturbation of rRNA Synthesis Leads to Neurodegeneration in Mice. Journal of Neuroscience, 2008, 28, 12759-12764.	3.6	81
13	The Gata3 Transcription Factor Is Required for the Survival of Embryonic and Adult Sympathetic Neurons. Journal of Neuroscience, 2010, 30, 10833-10843.	3.6	81
14	How Parkinson's disease meets nucleolar stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 791-797.	3.8	71
15	Expression of Cre recombinase in dopaminoceptive neurons. BMC Neuroscience, 2007, 8, 4.	1.9	68
16	A neuroprotective phase precedes striatal degeneration upon nucleolar stress. Cell Death and Differentiation, 2013, 20, 1455-1464.	11.2	68
17	Cav2.3 channels contribute to dopaminergic neuron loss in a model of Parkinsonâ€™s disease. Nature Communications, 2019, 10, 5094.	12.8	65
18	Specific ablation of the transcription factor CREB in sympathetic neurons surprisingly protects against developmentally regulated apoptosis. Development (Cambridge), 2007, 134, 1663-1670.	2.5	61

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19	Requirement of the forkhead gene Foxe1, a target of sonic hedgehog signaling, in hair follicle morphogenesis. Human Molecular Genetics, 2004, 13, 2595-2606.	2.9	53
20	Phasic Dopaminergic Activity Exerts Fast Control of Cholinergic Interneuron Firing via Sequential NMDA, D2, and D1 Receptor Activation. Journal of Neuroscience, 2014, 34, 11549-11559.	3.6	49
21	SoxE Proteins Are Differentially Required in Mouse Adrenal Gland Development. Molecular Biology of the Cell, 2008, 19, 1575-1586.	2.1	48
22	Survival of DA neurons is independent of CREM upregulation in absence of CREB. Genesis, 2006, 44, 454-464.	1.6	47
23	Loss of Proteostasis Is a Pathomechanism in Cockayne Syndrome. Cell Reports, 2018, 23, 1612-1619.	6.4	42
24	A Preservation Method That Allows Recovery of Intact RNA from Tissues Dissected by Laser Capture Microdissection. Analytical Biochemistry, 2002, 300, 139-145.	2.4	38
25	Cell Loss and Autophagy in the Extraâ€Adrenal Chromaffin Organ of Zuckerkandl are Regulated by Glucocorticoid Signalling. Journal of Neuroendocrinology, 2013, 25, 34-47.	2.6	38
26	Conditional Inactivation of Glucocorticoid Receptor Gene in Dopamine-Î²-Hydroxylase Cells Impairs Chromaffin Cell Survival. Endocrinology, 2009, 150, 1775-1781.	2.8	33
27	Impaired rRNA synthesis triggers homeostatic responses in hippocampal neurons. Frontiers in Cellular Neuroscience, 2013, 7, 207.	3.7	31
28	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13499-13504.	7.1	30
29	The CREB/CREM Transcription Factors Negatively Regulate Early Synaptogenesis and Spontaneous Network Activity. Journal of Neuroscience, 2009, 29, 328-333.	3.6	29
30	New Striatal Neurons in a Mouse Model of Progressive Striatal Degeneration Are Generated in both the Subventricular Zone and the Striatal Parenchyma. PLoS ONE, 2011, 6, e25088.	2.5	28
31	Inactivation of Glucocorticoid Receptor in Noradrenergic System Influences Anxiety- and Depressive-Like Behavior in Mice. PLoS ONE, 2013, 8, e72632.	2.5	28
32	C9orf72-associated neurodegeneration in ALS-FTD: breaking new ground in ribosomal RNA and nucleolar dysfunction. Cell and Tissue Research, 2018, 373, 351-360.	2.9	26
33	InÂVivo Protein Complementation Demonstrates Presynaptic Î±-Synuclein Oligomerization and Age-Dependent Accumulation of 8â€“16-mer Oligomer Species. Cell Reports, 2019, 29, 2862-2874.e9.	6.4	26
34	<scp>ALS</scp> â€linked <scp>KIF5A Î”Exon27</scp> mutant causes neuronal toxicity through gainâ€ofâ€function. EMBO Reports, 2022, 23, .	4.5	25
35	Transgenic mice lacking CREB and CREM in noradrenergic and serotonergic neurons respond differently to common antidepressants on tail suspension test. Scientific Reports, 2017, 7, 13515.	3.3	22
36	rRNA and tRNA Bridges to Neuronal Homeostasis in Health and Disease. Journal of Molecular Biology, 2019, 431, 1763-1779.	4.2	22

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37	Genetic mutations linked to Parkinson's disease differentially control nucleolar activity in pre-symptomatic mouse models. DMM Disease Models and Mechanisms, 2017, 10, 633-643.	2.4	21
38	Effects of the cell typeâ€specific ablation of the cAMPâ€responsive transcription factor in noradrenergic neurons on locus coeruleus firing and withdrawal behavior after chronic exposure to morphine. Journal of Neurochemistry, 2010, 115, 563-573.	3.9	20
39	Stimulation of noradrenergic transmission by reboxetine is beneficial for a mouse model of progressive parkinsonism. Scientific Reports, 2019, 9, 5262.	3.3	19
40	CREB activity in dopamine D1 receptor expressing neurons regulates cocaine-induced behavioral effects. Frontiers in Behavioral Neuroscience, 2014, 8, 212.	2.0	18
41	Structural Fuzziness of the RNA-Organizing Protein SERF Determines a Toxic Gain-of-interaction. Journal of Molecular Biology, 2020, 432, 930-951.	4.2	18
42	Regulation of neural migration by the CREB/CREM transcription factors and altered Dab1 levels in CREB/CREM mutants. Molecular and Cellular Neurosciences, 2008, 39, 519-528.	2.2	17
43	Nucleolar stress induces a senescence-like phenotype in smooth muscle cells and promotes development of vascular degeneration. Aging, 2020, 12, 22174-22198.	3.1	16
44	Oxidative Stress in Neurodegenerative Diseases. Antioxidants, 2022, 11, 504.	5.1	14
45	Role of nucleolar dysfunction in neurodegenerative disorders: a game of genes?. AIMS Molecular Science, 2015, 2, 211-224.	0.5	12
46	RNA Polymerase 1 Is Transiently Regulated by Seizures and Plays a Role in a Pharmacological Kindling Model of Epilepsy. Molecular Neurobiology, 2018, 55, 8374-8387.	4.0	11
47	Depolarization promotes GAD 65â€mediated GABA synthesis by a postâ€translational mechanism in neural stem cellâ€derived neurons. European Journal of Neuroscience, 2008, 27, 269-283.	2.6	10
48	Targeted Depletion of Primary Cilia in Dopaminoceptive Neurons in a Preclinical Mouse Model of Huntingtonâ€™s Disease. Frontiers in Cellular Neuroscience, 2019, 13, 565.	3.7	10
49	Nucleolar stress controls mutant Huntington toxicity and monitors Huntingtonâ€™s disease progression. Cell Death and Disease, 2021, 12, 1139.	6.3	10
50	Glutamate input to noradrenergic neurons plays an essential role in the development of morphine dependence and psychomotor sensitization. International Journal of Neuropsychopharmacology, 2012, 15, 1457-1471.	2.1	9
51	A genetic mouse model for progressive ablation and regeneration of insulin producing beta-cells. Cell Cycle, 2014, 13, 3948-3957.	2.6	9
52	DNA Damage, Neurodegeneration, and Synaptic Plasticity. Neural Plasticity, 2016, 2016, 1-2.	2.2	9
53	Integration of the Deacetylase SIRT1 in the Response to Nucleolar Stress: Metabolic Implications for Neurodegenerative Diseases. Frontiers in Molecular Neuroscience, 2019, 12, 106.	2.9	9
54	Targeted Ablation of Primary Cilia in Differentiated Dopaminergic Neurons Reduces Striatal Dopamine and Responsiveness to Metabolic Stress. Antioxidants, 2021, 10, 1284.	5.1	7

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55	Bidirectional Regulation of Intravenous General Anesthetic Actions by Î±3-containing Î³-aminobutyric AcidAReceptors. Anesthesiology, 2013, 118, 562-576.	2.5	7
56	Regulation of proliferation and histone acetylation in embryonic neural precursors by CREB/CREM signaling. Neurogenesis (Austin, Tex), 2014, 1, e970883.	1.5	3
57	Editorial: Neuronal Self-Defense: Compensatory Mechanisms in Neurodegenerative Disorders. Frontiers in Cellular Neuroscience, 2016, 9, 499.	3.7	3
58	Genetic lesions of the noradrenergic system trigger induction of oxidative stress and inflammation in the ventral midbrain. Neurochemistry International, 2022, 155, 105302.	3.8	3
59	Target-dependent specification of the neurotransmitter phenotype:cholinergic differentiation of sympathetic neurons is mediated in vivo by gp130 signaling. Development (Cambridge), 2006, 133, 383-383.	2.5	1
60	Selective degeneration of dopamine neurons in Parkinsonâ€™s disease: emerging roles of altered calcium homeostasis and nucleolar function. E-Neuroforum, 2018, 24, A1-A9.	0.1	1
61	B20â€…Dissecting the role of nucleolar stress in huntingtonâ€™s disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A16.1-A16.	1.9	0
62	Selektive Degeneration dopaminerger Neurone beim Parkinson-Syndrom: die zunehmende Rolle von verÃnderter KalziumhomÃ¶ostase und nukleolÃrer Funktion. E-Neuroforum, 2018, 24, 1-14.	0.1	0
63	A09â€…Stage- and cell-specific changes of nucleolar activity and integrity are associated with the progression of huntingtonâ€™s disease. , 2018, , .		0
64	Editorial: Emerging Cellular Stress Sensors in Neurological Disorders: Closing in on the Nucleolus and the Primary Cilium. Frontiers in Cellular Neuroscience, 2020, 14, 64.	3.7	0