Montserrat Arrasate

List of Publications by Citations

19 papers	3,252 citations	16 h-index	21 g-index
21 ext. papers	3,601 ext. citations	8.9 avg, IF	4.84 L-index

#	Paper	IF	Citations
19	Inclusion body formation reduces levels of mutant huntingtin and the risk of neuronal death. *Nature*, **2004**, 431, 805-10	50.4	1581
18	IKK phosphorylates Huntingtin and targets it for degradation by the proteasome and lysosome. *Journal of Cell Biology*, **2009**, 187, 1083-99	7.3	287
17	A small-molecule scaffold induces autophagy in primary neurons and protects against toxicity in a Huntington disease model. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 16982-7	11.5	224
16	Protein aggregates in Huntingtonʦ disease. *Experimental Neurology*, **2012**, 238, 1-11	5.7	222
15	Identifying polyglutamine protein species in situ that best predict neurodegeneration. *Nature Chemical Biology*, **2011**, 7, 925-34	11.7	152
14	Quantitative relationships between huntingtin levels, polyglutamine length, inclusion body formation, and neuronal death provide novel insight into huntingtonʦ disease molecular pathogenesis. *Journal of Neuroscience*, **2010**, 30, 10541-50	6.6	135
13	Proteostasis of polyglutamine varies among neurons and predicts neurodegeneration. *Nature Chemical Biology*, **2013**, 9, 586-92	11.7	133
12	Automated microscope system for determining factors that predict neuronal fate. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 3840-5	11.5	96
11	Polymerization of tau peptides into fibrillar structures. The effect of FTDP-17 mutations. *FEBS Letters*, **1999**, 446, 199-202	3.8	90
10	Tau dephosphorylation at tau-1 site correlates with its association to cell membrane. *Neurochemical Research*, **2000**, 25, 43-50	4.6	82
9	In vitro assembly of tau protein: mapping the regions involved in filament formation. *Biochemistry*, **2001**, 40, 5983-91	3.2	65
8	The FTDP-17-linked mutation R406W abolishes the interaction of phosphorylated tau with microtubules. *Journal of Neurochemistry*, **2000**, 74, 2583-9	6	48
7	Disease-associated polyglutamine stretches in monomeric huntingtin adopt a compact structure. *Journal of Molecular Biology*, **2012**, 421, 587-600	6.5	45
6	E46K □synuclein pathological mutation causes cell-autonomous toxicity without altering protein turnover or aggregation. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E8274-E8283	11.5	23
5	Using antibodies to analyze polyglutamine stretches. *Methods in Molecular Biology*, **2004**, 277, 103-28	1.4	21
4	Fine tuning of the unfolded protein response by ISRIB improves neuronal survival in a model of amyotrophic lateral sclerosis. *Cell Death and Disease*, **2020**, 11, 397	9.8	20
3	N-terminal acetylation mutants affect alpha-synuclein stability, protein levels and neuronal toxicity. *Neurobiology of Disease*, **2020**, 137, 104781	7.5	14

2	A two-hybrid screening of human Tau protein: interactions with Alu-derived domain. *NeuroReport*, **2002**, 13, 343-9	1.7	9
1	CB2 Receptors and Neuron-Glia Interactions Modulate Neurotoxicity Generated by MAGL Inhibition. *Biomolecules*, **2020**, 10,	5.9	3