Brinda Ravikumar

List of Publications by Year
in descending order

30	14,816	186209 28	434063 31
papers	citations	h-index	g-index

31	31	31	19278
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptional regulation of Annexin A2 promotes starvation-induced autophagy. Nature Communications, 2015, 6, 8045.	5.8	64
2	IGF-1 receptor antagonism inhibits autophagy. Human Molecular Genetics, 2013, 22, 4528-4544.	1.4	76
3	Arf6 promotes autophagosome formation via effects on phosphatidylinositol 4,5-bisphosphate and phospholipase D. Journal of Cell Biology, 2012, 196, 483-496.	2.3	90
4	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
5	Autophagosome Precursor Maturation Requires Homotypic Fusion. Cell, 2011, 146, 303-317.	13.5	341
6	Plasma membrane contributes to the formation of pre-autophagosomal structures. Nature Cell Biology, 2010, 12, 747-757.	4.6	755
7	Î±-Synuclein impairs macroautophagy: implications for Parkinsonâ€™s disease. Journal of Cell Biology, 2010, 190, 1023-1037.	2.3	687
8	Plasma membrane helps autophagosomes grow. Autophagy, 2010, 6, 1184-1186.	4.3	47
9	Regulation of Mammalian Autophagy in Physiology and Pathophysiology. Physiological Reviews, 2010, 90, 1383-1435.	13.1	1,557
10	Î±-Synuclein impairs macroautophagy: implications for Parkinson's disease. Journal of Experimental Medicine, 2010, 207, i29-i29.	4.2	1
11	In search of an â€œautophagomometerâ€• Autophagy, 2009, 5, 585-589.	4.3	503
12	Mammalian macroautophagy at a glance. Journal of Cell Science, 2009, 122, 1707-1711.	1.2	163
13	Chapter 5 Autophagic Clearance of Aggregateâ€Prone Proteins Associated with Neurodegeneration. Methods in Enzymology, 2009, 453, 83-110.	0.4	81
14	Rab5 modulates aggregation and toxicity of mutant huntingtin through macroautophagy in cell and fly models of Huntington disease. Journal of Cell Science, 2008, 121, 1649-1660.	1.2	284
15	Clearance of Mutant Aggregate-Prone Proteins by Autophagy. Methods in Molecular Biology, 2008, 445, 195-211.	0.4	44
16	Role of autophagy in the clearance of mutant huntingtin: A step towards therapy?. Molecular Aspects of Medicine, 2006, 27, 520-527.	2.7	72
17	Protective Roles for Induction of Autophagy in Multiple Proteinopathies. Autophagy, 2006, 2, 224-225.	4.3	40
18	Rapamycin pre-treatment protects against apoptosis. Human Molecular Genetics, 2006, 15, 1209-1216.	1.4	376

#	Article	IF	Citations
19	Aggregateâ€Prone Proteins Are Cleared from the Cytosol by Autophagy: Therapeutic Implications. Current Topics in Developmental Biology, 2006, 76, 89-101.	1.0	262
20	Rapamycin alleviates toxicity of different aggregate-prone proteins. Human Molecular Genetics, 2006, 15, 433-442.	1.4	618
21	Dynein mutations impair autophagic clearance of aggregate-prone proteins. Nature Genetics, 2005, 37, 771-776.	9.4	405
22	Dyneins, Autophagy, Aggregation and Neurodegeneration. Autophagy, 2005, 1, 177-178.	4.3	58
23	Autophagy and Its Possible Roles in Nervous System Diseases, Damage and Repair. Autophagy, 2005, 1, 11-22.	4.3	422
24	Inhibition of mTOR induces autophagy and reduces toxicity of polyglutamine expansions in fly and mouse models of Huntington disease. Nature Genetics, 2004, 36, 585-595.	9.4	2,188
25	Microtubule disruption inhibits autophagosome-lysosome fusion: implications for studying the roles of aggresomes in polyglutamine diseases. International Journal of Biochemistry and Cell Biology, 2004, 36, 2541-2550.	1.2	156
26	Can autophagy protect against neurodegeneration caused by aggregate-prone proteins?. NeuroReport, 2004, 15, 2443-2445.	0.6	67
27	Î±-Synuclein Is Degraded by Both Autophagy and the Proteasome. Journal of Biological Chemistry, 2003, 278, 25009-25013.	1.6	1,246
28	The roles of the ubiquitin-proteasome and autophagyâ€“lysosome pathways in Huntington's disease and related conditions. Clinical Neuroscience Research, 2003, 3, 141-148.	0.8	10
29	Raised intracellular glucose concentrations reduce aggregation and cell death caused by mutant huntingtin exon 1 by decreasing mTOR phosphorylation and inducing autophagy. Human Molecular Genetics, 2003, 12, 985-994.	1.4	103
30	Aggregate-prone proteins with polyglutamine and polyalanine expansions are degraded by autophagy. Human Molecular Genetics, 2002, 11, 1107-1117.	1.4	971