Susmita Kaushik

List of Publications by Year
in descending order

66	23,938	47006 47	123424 61
papers	citations	h-index	g-index

86	86	86	33857
all docs	docs citations	times ranked	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	Autophagy regulates lipid metabolism. Nature, 2009, 458, 1131-1135.	27.8	3,149
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
4	The coming of age of chaperone-mediated autophagy. Nature Reviews Molecular Cell Biology, 2018, 19, 365-381.	37.0	827
5	Cargo recognition failure is responsible for inefficient autophagy in Huntington's disease. Nature Neuroscience, 2010, 13, 567-576.	14.8	730
6	Microautophagy of Cytosolic Proteins by Late Endosomes. Developmental Cell, 2011, 20, 131-139.	7.0	728
7	Chaperone-mediated autophagy: a unique way to enter the lysosome world. Trends in Cell Biology, 2012, 22, 407-417.	7.9	695
8	HDAC6 controls autophagosome maturation essential for ubiquitin-selective quality-control autophagy. EMBO Journal, 2010, 29, 969-980.	7.8	660
9	Proteostasis and aging. Nature Medicine, 2015, 21, 1406-1415.	30.7	647
10	Dopamine-modified Î±-synuclein blocks chaperone-mediated autophagy. Journal of Clinical Investigation, 2008, 118, 777-88.	8.2	531
11	Tau fragmentation, aggregation and clearance: the dual role of lysosomal processing. Human Molecular Genetics, 2009, 18, 4153-4170.	2.9	516
12	In search of an â€œautophagomometerâ€• Autophagy, 2009, 5, 585-589.	9.1	503
13	Degradation of lipid droplet-associated proteins by chaperone-mediated autophagy facilitates lipolysis. Nature Cell Biology, 2015, 17, 759-770.	10.3	498
14	Consequences of the selective blockage of chaperone-mediated autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5805-5810.	7.1	453
15	The Chaperone-Mediated Autophagy Receptor Organizes in Dynamic Protein Complexes at the Lysosomal Membrane. Molecular and Cellular Biology, 2008, 28, 5747-5763.	2.3	435
16	Reversal of autophagy dysfunction in the TgCRND8 mouse model of Alzheimer's disease ameliorates amyloid pathologies and memory deficits. Brain, 2011, 134, 258-277.	7.6	394
17	Protein homeostasis and aging: The importance of exquisite quality control. Ageing Research Reviews, 2011, 10, 205-215.	10.9	389
18	Altered lipid content inhibits autophagic vesicular fusion. FASEB Journal, 2010, 24, 3052-3065.	0.5	371

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19	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	16.2	360
20	Autophagy in Hypothalamic AgRP Neurons Regulates Food Intake and Energy Balance. Cell Metabolism, 2011, 14, 173-183.	16.2	326
21	Constitutive Activation of Chaperone-mediated Autophagy in Cells with Impaired Macroautophagy. Molecular Biology of the Cell, 2008, 19, 2179-2192.	2.1	281
22	Ubiquilin functions in autophagy and is degraded by chaperone-mediated autophagy. Human Molecular Genetics, 2010, 19, 3219-3232.	2.9	203
23	Altered dynamics of the lysosomal receptor for chaperone-mediated autophagy with age. Journal of Cell Science, 2007, 120, 782-791.	2.0	186
24	Lysosome membrane lipid microdomains: novel regulators of chaperone-mediated autophagy. EMBO Journal, 2006, 25, 3921-3933.	7.8	183
25	Inhibitory effect of dietary lipids on chaperone-mediated autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E705-14.	7.1	181
26	Identification of Regulators of Chaperone-Mediated Autophagy. Molecular Cell, 2010, 39, 535-547.	9.7	178
27	Chaperone-mediated autophagy at a glance. Journal of Cell Science, 2011, 124, 495-499.	2.0	177
28	Loss of autophagy in hypothalamic POMC neurons impairs lipolysis. EMBO Reports, 2012, 13, 258-265.	4.5	175
29	AMPK-dependent phosphorylation of lipid droplet protein PLIN2 triggers its degradation by CMA. Autophagy, 2016, 12, 432-438.	9.1	173
30	Chronic cold exposure affects the antioxidant defense system in various rat tissues. Clinica Chimica Acta, 2003, 333, 69-77.	1.1	158
31	Chaperone-mediated autophagy prevents collapse of the neuronal metastable proteome. Cell, 2021, 184, 2696-2714.e25.	28.9	151
32	Chaperone-mediated autophagy sustains haematopoietic stem-cell function. Nature, 2021, 591, 117-123.	27.8	145
33	Constitutive Upregulation of Chaperone-Mediated Autophagy in Huntington's Disease. Journal of Neuroscience, 2011, 31, 18492-18505.	3.6	139
34	Autophagy as a cell-repair mechanism: Activation of chaperone-mediated autophagy during oxidative stress. Molecular Aspects of Medicine, 2006, 27, 444-454.	6.4	127
35	Loss of Macroautophagy Promotes or Prevents Fibroblast Apoptosis Depending on the Death Stimulus. Journal of Biological Chemistry, 2008, 283, 4766-4777.	3.4	119
36	Chapter 19 Methods to Monitor Chaperoneâ€Mediated Autophagy. Methods in Enzymology, 2009, 452, 297-324.	1.0	119

#	Article	IF	Citations
37	Chronic ingestion of 2-deoxy-d-glucose induces cardiac vacuolization and increases mortality in rats. Toxicology and Applied Pharmacology, 2010, 243, 332-339.	2.8	112
38	Autophagy and the hallmarks of aging. Ageing Research Reviews, 2021, 72, 101468.	10.9	98
39	Therapeutic effects of remediating autophagy failure in a mouse model of Alzheimer disease by enhancing lysosomal proteolysis. Autophagy, 2011, 7, 788-789.	9.1	89
40	Synergy and antagonism of macroautophagy and chaperone-mediated autophagy in a cell model of pathological tau aggregation. Autophagy, 2010, 6, 182-183.	9.1	82
41	Coordinate regulation of mutant NPC1 degradation by selective ER autophagy and MARCH6-dependent ERAD. Nature Communications, 2018, 9, 3671.	12.8	82
42	Autophagic pathways and metabolic stress. Diabetes, Obesity and Metabolism, 2010, 12, 4-14.	4.4	77
43	Age-Related Oxidative Stress Compromises Endosomal Proteostasis. Cell Reports, 2012, 2, 136-149.	6.4	77
44	A farnesyltransferase inhibitor activates lysosomes and reduces tau pathology in mice with tauopathy. Science Translational Medicine, 2019, 11, .	12.4	75
45	Chaperone-Mediated Autophagy. Methods in Molecular Biology, 2008, 445, 227-244.	0.9	69
46	Chaperones in autophagy. Pharmacological Research, 2012, 66, 484-493.	7.1	60
47	Structural and Biological Interaction of hsc-70 Protein with Phosphatidylserine in Endosomal Microautophagy. Journal of Biological Chemistry, 2016, 291, 18096-18106.	3.4	52
48	Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504.	3.8	41
49	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation Research, 2018, 122, 568-582.	4.5	35
50	Effect of chronic cold stress on intestinal epithelial cell proliferation and inflammation in rats. Stress, 2005, 8, 191-197.	1.8	34
51	Reciprocal regulation of chaperone-mediated autophagy and the circadian clock. Nature Cell Biology, 2021, 23, 1255-1270.	10.3	33
52	Protective role of chaperone-mediated autophagy against atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121133119.	7.1	29
53	Lysosomal Chat Maintains the Balance. Autophagy, 2006, 2, 325-327.	9.1	28
54	Inhibitory effect of intracellular lipid load on macroautophagy. Autophagy, 2010, 6, 825-827.	9.1	21

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55	Chaperone-Mediated Autophagy and Aging: A Novel Regulatory Role of Lipids Revealed. Autophagy, 2007, 3, 387-389.	9.1	20
56	(-)-Oleocanthal and (-)-oleocanthal-rich olive oils induce lysosomal membrane permeabilization in cancer cells. PLoS ONE, 2019, 14, e0216024.	2.5	16
57	Microautophagy of Cytosolic Proteins by Late Endosomes. Developmental Cell, 2011, 20, 405-406.	7.0	11
58	Folate Deficiency Results in Alteration in Intestinal Brush Border Membrane Composition and Enzyme Activities in Weanling Rats. Journal of Nutritional Science and Vitaminology, 2006, 52, 163-167.	0.6	5
59	Circadian remodeling of the proteome by chaperone-mediated autophagy. Autophagy, 2022, 18, 1205-1207.	9.1	3
60	Degradation of lipid droplet-associated proteins by chaperone-mediated autophagy facilitates lipolysis. , 0, .		1
61	Proteostasis and aging. , 0, .		1
62	Chronic cold stress-induced alterations in brush border membrane composition and enzyme activities in rat intestine. Indian Journal of Biochemistry and Biophysics, 2003, 40, 180-5.	0.0	1
63	Autophagy in Disease and Aging. , 2006, , 69-104.		0
64	Selective Autophagy in the Pathogenesis of Parkinson's Disease. , 2008, , 409-422.		0
65	Protein Homeostasis and Aging. , 2011, , 297-317.		0
66	Selective autophagy in cellular quality control. Research and Perspectives in Alzheimer's Disease, 2013, , 63-75.	0.1	0