

Susmita Kaushik

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

23,938
citations

46918

47
h-index

123241

61
g-index

86
all docs

86
docs citations

86
times ranked

33857
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Autophagy regulates lipid metabolism. <i>Nature</i> , 2009, 458, 1131-1135.	13.7	3,149
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
4	The coming of age of chaperone-mediated autophagy. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 365-381.	16.1	827
5	Cargo recognition failure is responsible for inefficient autophagy in Huntington's disease. <i>Nature Neuroscience</i> , 2010, 13, 567-576.	7.1	730
6	Microautophagy of Cytosolic Proteins by Late Endosomes. <i>Developmental Cell</i> , 2011, 20, 131-139.	3.1	728
7	Chaperone-mediated autophagy: a unique way to enter the lysosome world. <i>Trends in Cell Biology</i> , 2012, 22, 407-417.	3.6	695
8	HDAC6 controls autophagosome maturation essential for ubiquitin-selective quality-control autophagy. <i>EMBO Journal</i> , 2010, 29, 969-980.	3.5	660
9	Proteostasis and aging. <i>Nature Medicine</i> , 2015, 21, 1406-1415.	15.2	647
10	Dopamine-modified α -synuclein blocks chaperone-mediated autophagy. <i>Journal of Clinical Investigation</i> , 2008, 118, 777-88.	3.9	531
11	Tau fragmentation, aggregation and clearance: the dual role of lysosomal processing. <i>Human Molecular Genetics</i> , 2009, 18, 4153-4170.	1.4	516
12	In search of an "autophagometer". <i>Autophagy</i> , 2009, 5, 585-589.	4.3	503
13	Degradation of lipid droplet-associated proteins by chaperone-mediated autophagy facilitates lipolysis. <i>Nature Cell Biology</i> , 2015, 17, 759-770.	4.6	498
14	Consequences of the selective blockage of chaperone-mediated autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5805-5810.	3.3	453
15	The Chaperone-Mediated Autophagy Receptor Organizes in Dynamic Protein Complexes at the Lysosomal Membrane. <i>Molecular and Cellular Biology</i> , 2008, 28, 5747-5763.	1.1	435
16	Reversal of autophagy dysfunction in the TgCRND8 mouse model of Alzheimer's disease ameliorates amyloid pathologies and memory deficits. <i>Brain</i> , 2011, 134, 258-277.	3.7	394
17	Protein homeostasis and aging: The importance of exquisite quality control. <i>Ageing Research Reviews</i> , 2011, 10, 205-215.	5.0	389
18	Altered lipid content inhibits autophagic vesicular fusion. <i>FASEB Journal</i> , 2010, 24, 3052-3065.	0.2	371

#	ARTICLE	IF	CITATIONS
19	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
20	Autophagy in Hypothalamic AgRP Neurons Regulates Food Intake and Energy Balance. <i>Cell Metabolism</i> , 2011, 14, 173-183.	7.2	326
21	Constitutive Activation of Chaperone-mediated Autophagy in Cells with Impaired Macroautophagy. <i>Molecular Biology of the Cell</i> , 2008, 19, 2179-2192.	0.9	281
22	Ubiquilin functions in autophagy and is degraded by chaperone-mediated autophagy. <i>Human Molecular Genetics</i> , 2010, 19, 3219-3232.	1.4	203
23	Altered dynamics of the lysosomal receptor for chaperone-mediated autophagy with age. <i>Journal of Cell Science</i> , 2007, 120, 782-791.	1.2	186
24	Lysosome membrane lipid microdomains: novel regulators of chaperone-mediated autophagy. <i>EMBO Journal</i> , 2006, 25, 3921-3933.	3.5	183
25	Inhibitory effect of dietary lipids on chaperone-mediated autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E705-14.	3.3	181
26	Identification of Regulators of Chaperone-Mediated Autophagy. <i>Molecular Cell</i> , 2010, 39, 535-547.	4.5	178
27	Chaperone-mediated autophagy at a glance. <i>Journal of Cell Science</i> , 2011, 124, 495-499.	1.2	177
28	Loss of autophagy in hypothalamic POMC neurons impairs lipolysis. <i>EMBO Reports</i> , 2012, 13, 258-265.	2.0	175
29	AMPK-dependent phosphorylation of lipid droplet protein PLIN2 triggers its degradation by CMA. <i>Autophagy</i> , 2016, 12, 432-438.	4.3	173
30	Chronic cold exposure affects the antioxidant defense system in various rat tissues. <i>Clinica Chimica Acta</i> , 2003, 333, 69-77.	0.5	158
31	Chaperone-mediated autophagy prevents collapse of the neuronal metastable proteome. <i>Cell</i> , 2021, 184, 2696-2714.e25.	13.5	151
32	Chaperone-mediated autophagy sustains haematopoietic stem-cell function. <i>Nature</i> , 2021, 591, 117-123.	13.7	145
33	Constitutive Upregulation of Chaperone-Mediated Autophagy in Huntington's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 18492-18505.	1.7	139
34	Autophagy as a cell-repair mechanism: Activation of chaperone-mediated autophagy during oxidative stress. <i>Molecular Aspects of Medicine</i> , 2006, 27, 444-454.	2.7	127
35	Loss of Macroautophagy Promotes or Prevents Fibroblast Apoptosis Depending on the Death Stimulus. <i>Journal of Biological Chemistry</i> , 2008, 283, 4766-4777.	1.6	119
36	Chapter 19 Methods to Monitor Chaperone-Mediated Autophagy. <i>Methods in Enzymology</i> , 2009, 452, 297-324.	0.4	119

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37	Chronic ingestion of 2-deoxy-d-glucose induces cardiac vacuolization and increases mortality in rats. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 332-339.	1.3	112
38	Autophagy and the hallmarks of aging. <i>Ageing Research Reviews</i> , 2021, 72, 101468.	5.0	98
39	Therapeutic effects of remediating autophagy failure in a mouse model of Alzheimer disease by enhancing lysosomal proteolysis. <i>Autophagy</i> , 2011, 7, 788-789.	4.3	89
40	Synergy and antagonism of macroautophagy and chaperone-mediated autophagy in a cell model of pathological tau aggregation. <i>Autophagy</i> , 2010, 6, 182-183.	4.3	82
41	Coordinate regulation of mutant NPC1 degradation by selective ER autophagy and MARCH6-dependent ERAD. <i>Nature Communications</i> , 2018, 9, 3671.	5.8	82
42	Autophagic pathways and metabolic stress. <i>Diabetes, Obesity and Metabolism</i> , 2010, 12, 4-14.	2.2	77
43	Age-Related Oxidative Stress Compromises Endosomal Proteostasis. <i>Cell Reports</i> , 2012, 2, 136-149.	2.9	77
44	A farnesyltransferase inhibitor activates lysosomes and reduces tau pathology in mice with tauopathy. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	75
45	Chaperone-Mediated Autophagy. <i>Methods in Molecular Biology</i> , 2008, 445, 227-244.	0.4	69
46	Chaperones in autophagy. <i>Pharmacological Research</i> , 2012, 66, 484-493.	3.1	60
47	Structural and Biological Interaction of hsc-70 Protein with Phosphatidylserine in Endosomal Microautophagy. <i>Journal of Biological Chemistry</i> , 2016, 291, 18096-18106.	1.6	52
48	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , 2020, 116, 483-504.	1.8	41
49	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. <i>Circulation Research</i> , 2018, 122, 568-582.	2.0	35
50	Effect of chronic cold stress on intestinal epithelial cell proliferation and inflammation in rats. <i>Stress</i> , 2005, 8, 191-197.	0.8	34
51	Reciprocal regulation of chaperone-mediated autophagy and the circadian clock. <i>Nature Cell Biology</i> , 2021, 23, 1255-1270.	4.6	33
52	Protective role of chaperone-mediated autophagy against atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121133119.	3.3	29
53	Lysosomal Chat Maintains the Balance. <i>Autophagy</i> , 2006, 2, 325-327.	4.3	28
54	Inhibitory effect of intracellular lipid load on macroautophagy. <i>Autophagy</i> , 2010, 6, 825-827.	4.3	21

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55	Chaperone-Mediated Autophagy and Aging: A Novel Regulatory Role of Lipids Revealed. <i>Autophagy</i> , 2007, 3, 387-389.	4.3	20
56	(-)-Oleocanthal and (-)-oleocanthal-rich olive oils induce lysosomal membrane permeabilization in cancer cells. <i>PLoS ONE</i> , 2019, 14, e0216024.	1.1	16
57	Microautophagy of Cytosolic Proteins by Late Endosomes. <i>Developmental Cell</i> , 2011, 20, 405-406.	3.1	11
58	Folate Deficiency Results in Alteration in Intestinal Brush Border Membrane Composition and Enzyme Activities in Weanling Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2006, 52, 163-167.	0.2	5
59	Circadian remodeling of the proteome by chaperone-mediated autophagy. <i>Autophagy</i> , 2022, 18, 1205-1207.	4.3	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. <i>Indian Journal of Biochemistry and Biophysics</i> , 2003, 40, 180-5.	0.2	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. <i>Research and Perspectives in Alzheimer's Disease</i> , 2013, , 63-75.	0.1	0