Alexandra Stolz

List of Publications by Year
in descending order

27	4,235	394421 19	501196 28
papers	citations	h-index	g-index

30	30	30	7146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cargo recognition and trafficking in selective autophagy. Nature Cell Biology, 2014, 16, 495-501.	10.3	997
2	Regulation of endoplasmic reticulum turnover by selective autophagy. Nature, 2015, 522, 354-358.	27.8	714
3	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	7.8	615
4	Phosphorylation of OPTN by TBK1 enhances its binding to Ub chains and promotes selective autophagy of damaged mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4039-4044.	7.1	554
5	Cdc48: a power machine in protein degradation. Trends in Biochemical Sciences, 2011, 36, 515-523.	7.5	207
6	The Cdc48 machine in endoplasmic reticulum associated protein degradation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 117-124.	4.1	170
7	ER-phagy at a glance. Journal of Cell Science, 2018, 131, .	2.0	154
8	Structural and functional analysis of the GABARAP interaction motif (GIM). EMBO Reports, 2017, 18, 1382-1396.	4.5	129
9	Endoplasmic reticulum associated protein degradation: A chaperone assisted journey to hell. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 694-705.	4.1	103
10	Regulation of Phosphoribosyl-Linked Serine Ubiquitination by Deubiquitinases DupA and DupB. Molecular Cell, 2020, 77, 164-179.e6.	9.7	91
11	ATF4 links ER stress with reticulophagy in glioblastoma cells. Autophagy, 2021, 17, 2432-2448.	9.1	66
12	The Kinase Chemogenomic Set (KCGS): An Open Science Resource for Kinase Vulnerability Identification. International Journal of Molecular Sciences, 2021, 22, 566.	4.1	62
13	Previously unknown role for the ubiquitin ligase Ubr1 in endoplasmic reticulum-associated protein degradation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15271-15276.	7.1	56
14	Role of FAM134 paralogues in endoplasmic reticulum remodeling, ERâ€phagy, and Collagen quality control. EMBO Reports, 2021, 22, e52289.	4.5	55
15	Fluorescenceâ€based <scp>ATG</scp>8 sensors monitor localization and function of <scp>LC</scp>3/<scp>GABARAP</scp> proteins. EMBO Journal, 2017, 36, 549-564.	7.8	49
16	Dfm1 Forms Distinct Complexes with Cdc48 and the ER Ubiquitin Ligases and Is Required for ERAD. Traffic, 2010, 11, 1363-1369.	2.7	41
17	Conservation of structure, function and inhibitor binding in UNC-51-like kinase 1 and 2 (ULK1/2). Biochemical Journal, 2019, 476, 875-887.	3.7	37
18	The various shades of ERâ€phagy. FEBS Journal, 2019, 286, 4642-4649.	4.7	24

#	Article	IF	Citations
19	Yos9, a control protein for misfolded glycosylated and non-glycosylated proteins in ERAD. FEBS Letters, 2011, 585, 3015-3019.	2.8	23
20	Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. Science, 2022, 376, 1471-1476.	12.6	20
21	PINK1-PARKIN Interplay: Down to Ubiquitin Phosphorylation. Molecular Cell, 2014, 56, 341-342.	9.7	15
22	Use of CPY* and Its Derivatives to Study Protein Quality Control in Various Cell Compartments. Methods in Molecular Biology, 2012, 832, 489-504.	0.9	14
23	Heterotypic Ubiquitin Chains: Seeing is Believing. Trends in Cell Biology, 2018, 28, 1-3.	7.9	11
24	Mnl2, a novel component of the ER associated protein degradation pathway. Biochemical and Biophysical Research Communications, 2011, 414, 528-532.	2.1	5
25	The deubiquitinase USP11 is a versatile and conserved regulator of autophagy. Journal of Biological Chemistry, 2021, 297, 101263.	3.4	4
26	Retrograde Analysis of Calcium Signaling by CaMPARI2 Shows Cytosolic Calcium in Chondrocytes Is Unaffected by Parabolic Flights. Biomedicines, 2022, 10, 138.	3.2	2
27	Elusive mitochondrial connection to inflammation uncovered. Nature, 2018, 561, 185-186.	27.8	1