

Tassula Proikas-Cezanne

List of Publications by Citations

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45 papers	11,607 citations	26 h-index	55 g-index
55 ext. papers	12,775 ext. citations	8.4 avg, IF	5.01 L-index

#	Paper	IF	Citations
45	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
44	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
43	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
42	Canonical and non-canonical autophagy: variations on a common theme of self-eating?. <i>Nature Reviews Molecular Cell Biology</i> , 2011 , 13, 7-12	48.7	399
41	WIPI-1alpha (WIPI49), a member of the novel 7-bladed WIPI protein family, is aberrantly expressed in human cancer and is linked to starvation-induced autophagy. <i>Oncogene</i> , 2004 , 23, 9314-25	9.2	281
40	Reduced basal autophagy and impaired mitochondrial dynamics due to loss of Parkinson's disease-associated protein DJ-1. <i>PLoS ONE</i> , 2010 , 5, e9367	3.7	272
39	Control of autophagy initiation by phosphoinositide 3-phosphatase Jumpy. <i>EMBO Journal</i> , 2009 , 28, 2244-58	13.5	219
38	Modulation of glutamine metabolism by the PI(3)K-PKB-FOXO network regulates autophagy. <i>Nature Cell Biology</i> , 2012 , 14, 829-37	23.4	171
37	Neutral lipid stores and lipase PNPLA5 contribute to autophagosome biogenesis. <i>Current Biology</i> , 2014 , 24, 609-20	6.3	168
36	WIPI proteins: essential PtdIns3P effectors at the nascent autophagosome. <i>Journal of Cell Science</i> , 2015 , 128, 207-17	5.3	161
35	Starvation-induced hyperacetylation of tubulin is required for the stimulation of autophagy by nutrient deprivation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 24184-94	5.4	133
34	AMPK-independent induction of autophagy by cytosolic Ca ²⁺ increase. <i>Cellular Signalling</i> , 2010 , 22, 914-25	4.5	126
33	Human WIPI-1 puncta-formation: a novel assay to assess mammalian autophagy. <i>FEBS Letters</i> , 2007 , 581, 3396-404	3.8	124
32	WIPI3 and WIPI4 are scaffolds for LKB1-AMPK-TSC signalling circuits in the control of autophagy. <i>Nature Communications</i> , 2017 , 8, 15637	17.4	103
31	The Bcl-2 homology domain 3 mimetic gossypol induces both Beclin 1-dependent and Beclin 1-independent cytoprotective autophagy in cancer cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 25570-81	5.4	102
30	Resveratrol-mediated autophagy requires WIPI-1-regulated LC3 lipidation in the absence of induced phagophore formation. <i>Autophagy</i> , 2011 , 7, 1448-61	10.2	90
29	Defects of Vps15 in skeletal muscles lead to autophagic vacuolar myopathy and lysosomal disease. <i>EMBO Molecular Medicine</i> , 2013 , 5, 870-90	12	75

28	Modulation of intracellular calcium homeostasis blocks autophagosome formation. <i>Autophagy</i> , 2013 , 9, 1475-90	10.2	70
27	Ca ²⁺ /calmodulin-dependent kinase (CaMK) signaling via CaMKI and AMP-activated protein kinase contributes to the regulation of WIPI-1 at the onset of autophagy. <i>Molecular Pharmacology</i> , 2011 , 80, 1066-75	4.3	68
26	Atg18 function in autophagy is regulated by specific sites within its Epropeller. <i>Journal of Cell Science</i> , 2013 , 126, 593-604	5.3	66
25	Activation of AMPK-induced autophagy ameliorates Huntington disease pathology in vitro. <i>Neuropharmacology</i> , 2016 , 108, 24-38	5.5	50
24	Rab14 is part of the early endosomal clathrin-coated TGN microdomain. <i>FEBS Letters</i> , 2006 , 580, 5241-6	3.8	45
23	Freeze-fracture replica immunolabelling reveals human WIPI-1 and WIPI-2 as membrane proteins of autophagosomes. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2007-10	5.6	43
22	Lipid droplet and early autophagosomal membrane targeting of Atg2A and Atg14L in human tumor cells. <i>Journal of Lipid Research</i> , 2014 , 55, 1267-78	6.3	41
21	WIPI-Mediated Autophagy and Longevity. <i>Cells</i> , 2015 , 4, 202-17	7.9	31
20	WIPI-1 Positive Autophagosome-Like Vesicles Entrap Pathogenic Staphylococcus aureus for Lysosomal Degradation. <i>International Journal of Cell Biology</i> , 2012 , 2012, 179207	2.6	28
19	Defining regulatory and phosphoinositide-binding sites in the human WIPI-1 Epropeller responsible for autophagosomal membrane localization downstream of mTORC1 inhibition. <i>Journal of Molecular Signaling</i> , 2012 , 7, 16	1	20
18	Assessing mammalian autophagy by WIPI-1/Atg18 puncta formation. <i>Methods in Enzymology</i> , 2009 , 452, 247-60	1.7	20
17	The mEage Etrois of autophagy, lipid droplets and liver disease. <i>Autophagy</i> , 2021 , 1-24	10.2	20
16	A mouse model for SPG48 reveals a block of autophagic flux upon disruption of adaptor protein complex five. <i>Neurobiology of Disease</i> , 2019 , 127, 419-431	7.5	17
15	Function of human WIPI proteins in autophagosomal rejuvenation of endomembranes?. <i>FEBS Letters</i> , 2015 , 589, 1546-51	3.8	15
14	WIPI Epropellers in autophagy-related diseases and longevity. <i>Biochemical Society Transactions</i> , 2013 , 41, 962-7	5.1	13
13	WIPI Epropellers function as scaffolds for STK11/LKB1-AMPK and AMPK-related kinase signaling in autophagy. <i>Autophagy</i> , 2018 , 14, 1082-1083	10.2	11
12	Fluorescence-based imaging of autophagy progression by human WIPI protein detection. <i>Methods</i> , 2015 , 75, 69-78	4.6	11
11	SGK1 Inhibits Autophagy in Murine Muscle Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4043726	6.7	11

10	Drp1 modulates mitochondrial stress responses to mitotic arrest. <i>Cell Death and Differentiation</i> , 2020 , 27, 2620-2634	12.7	9
9	A "no-hybrids" screen for functional antagonizers of human p53 transactivator function: dominant negativity in fission yeast. <i>Oncogene</i> , 2001 , 20, 6001-8	9.2	9
8	WIPI Propellers at the crossroads of autophagosome and lipid droplet dynamics. <i>Biochemical Society Transactions</i> , 2014 , 42, 1414-7	5.1	8
7	A new fluorescence-based assay for autophagy. <i>Chemistry and Biology</i> , 2011 , 18, 940-1		6
6	Primary cilia mechanosensing triggers autophagy-regulated cell volume control. <i>Nature Cell Biology</i> , 2016 , 18, 591-2	23.4	5
5	Driving next-generation autophagy researchers towards translation (DRIVE), an international PhD training program on autophagy. <i>Autophagy</i> , 2019 , 15, 347-351	10.2	4
4	ATG-18 and EPG-6 are Both Required for Autophagy but Differentially Contribute to Lifespan Control in. <i>Cells</i> , 2019 , 8,	7.9	1
3	Human WIPIs as Phosphoinositide Effectors at the Nascent Autophagosome: A Robust Tool to Assess Macroautophagy by Quantitative Imaging 2015 , 79-89		0
2	Automated Detection of Autophagy Response Using Single Cell-Based Microscopy Assays. <i>Methods in Molecular Biology</i> , 2019 , 1880, 429-445	1.4	0
1	Identification of protein tyrosine phosphatase 1B and casein as substrates for 124-v-Mos. <i>BMC Biochemistry</i> , 2002 , 3, 6	4.8	