

Eisuke Itakura

List of Publications by Citations

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35
papers

8,335
citations

22
h-index

35
g-index

35
ext. papers

9,541
ext. citations

9.9
avg, IF

5.9
L-index

#	Paper	IF	Citations
35	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
34	Beclin 1 forms two distinct phosphatidylinositol 3-kinase complexes with mammalian Atg14 and UVRAG. <i>Molecular Biology of the Cell</i> , 2008 , 19, 5360-72	3.5	871
33	The hairpin-type tail-anchored SNARE syntaxin 17 targets to autophagosomes for fusion with endosomes/lysosomes. <i>Cell</i> , 2012 , 151, 1256-69	56.2	789
32	Characterization of autophagosome formation site by a hierarchical analysis of mammalian Atg proteins. <i>Autophagy</i> , 2010 , 6, 764-76	10.2	603
31	p62 Targeting to the autophagosome formation site requires self-oligomerization but not LC3 binding. <i>Journal of Cell Biology</i> , 2011 , 192, 17-27	7.3	309
30	The HOPS complex mediates autophagosome-lysosome fusion through interaction with syntaxin 17. <i>Molecular Biology of the Cell</i> , 2014 , 25, 1327-37	3.5	298
29	Expression of the autophagy substrate SQSTM1/p62 is restored during prolonged starvation depending on transcriptional upregulation and autophagy-derived amino acids. <i>Autophagy</i> , 2014 , 10, 431-41	10.2	259
28	Structures containing Atg9A and the ULK1 complex independently target depolarized mitochondria at initial stages of Parkin-mediated mitophagy. <i>Journal of Cell Science</i> , 2012 , 125, 1488-99	5.3	207
27	Temporal analysis of recruitment of mammalian ATG proteins to the autophagosome formation site. <i>Autophagy</i> , 2013 , 9, 1491-9	10.2	156
26	Ultrastructural analysis of autophagosome organization using mammalian autophagy-deficient cells. <i>Journal of Cell Science</i> , 2014 , 127, 4089-102	5.3	142
25	Ubiquilins Chaperone and Triage Mitochondrial Membrane Proteins for Degradation. <i>Molecular Cell</i> , 2016 , 63, 21-33	17.6	137
24	ER stress-induced clearance of misfolded GPI-anchored proteins via the secretory pathway. <i>Cell</i> , 2014 , 158, 522-33	56.2	105
23	Atg14 and UVRAG: mutually exclusive subunits of mammalian Beclin 1-PI3K complexes. <i>Autophagy</i> , 2009 , 5, 534-6	10.2	93
22	Generation of transgenic rats expressing green fluorescent protein in S-100beta-producing pituitary folliculo-stellate cells and brain astrocytes. <i>Endocrinology</i> , 2007 , 148, 1518-23	4.8	71
21	Systemic Analysis of Atg5-Null Mice Rescued from Neonatal Lethality by Transgenic ATG5 Expression in Neurons. <i>Developmental Cell</i> , 2016 , 39, 116-130	10.2	71
20	IL-17 is a neuromodulator of <i>Caenorhabditis elegans</i> sensory responses. <i>Nature</i> , 2017 , 542, 43-48	50.4	65
19	Syntaxin 17: the autophagosomal SNARE. <i>Autophagy</i> , 2013 , 9, 917-9	10.2	47

18	Stearoyl-CoA desaturase 1 activity is required for autophagosome formation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 23938-50	5.4	46
17	Forced lipophagy reveals that lipid droplets are required for early embryonic development in mouse. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	38
16	Dimerization of the ATRIP protein through the coiled-coil motif and its implication to the maintenance of stalled replication forks. <i>Molecular Biology of the Cell</i> , 2005 , 16, 5551-62	3.5	34
15	An ER complex of ODR-4 and ODR-8/Ufm1 specific protease 2 promotes GPCR maturation by a Ufm1-independent mechanism. <i>PLoS Genetics</i> , 2014 , 10, e1004082	6	29
14	ATR-dependent phosphorylation of ATRIP in response to genotoxic stress. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 323, 1197-202	3.4	26
13	Heparan sulfate is a clearance receptor for aberrant extracellular proteins. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	22
12	Amino-terminal domain of ATRIP contributes to intranuclear relocation of the ATR-ATRIP complex following DNA damage. <i>FEBS Letters</i> , 2004 , 577, 289-93	3.8	19
11	Vacuole-mediated selective regulation of TORC1-Sch9 signaling following oxidative stress. <i>Molecular Biology of the Cell</i> , 2018 , 29, 510-522	3.5	14
10	Identification of a factor controlling lysosomal homeostasis using a novel lysosomal trafficking probe. <i>Scientific Reports</i> , 2019 , 9, 11635	4.9	13
9	Differentiation capacity of native pituitary folliculostellate cells and brain astrocytes. <i>Journal of Endocrinology</i> , 2012 , 213, 231-7	4.7	12
8	Dissection of ubiquitinated protein degradation by basal autophagy. <i>FEBS Letters</i> , 2017 , 591, 1199-1211	3.8	9
7	Receptor-Interacting Protein Kinase 3 (RIPK3) inhibits autophagic flux during necroptosis in intestinal epithelial cells. <i>FEBS Letters</i> , 2020 , 594, 1586-1595	3.8	6
6	Purification of FLAG-tagged Secreted Proteins from Mammalian Cells. <i>Bio-protocol</i> , 2017 , 7,	0.9	2
5	DA-Raf, a dominant-negative regulator of the Ras-ERK pathway, is essential for skeletal myocyte differentiation including myoblast fusion and apoptosis. <i>Experimental Cell Research</i> , 2019 , 376, 168-180	4.2	2
4	Reversible DNA damage checkpoint activation at the presenescent stage in telomerase-deficient cells of <i>Saccharomyces cerevisiae</i> . <i>Genes To Cells</i> , 2019 , 24, 546-558	2.3	1
3	Labeling and measuring stressed mitochondria using a PINK1-based ratiometric fluorescent sensor. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101279	5.4	1
2	Disruption of actin dynamics induces autophagy of the eukaryotic chaperonin TRiC/CCT.. <i>Cell Death Discovery</i> , 2022 , 8, 37	6.9	0
1	Protocol for quantification of the lysosomal degradation of extracellular proteins into mammalian cells. <i>STAR Protocols</i> , 2021 , 2, 100975	1.4	0

