

Eisuke Itakura

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

10,374
citations

279701

23
h-index

360920

35
g-index

35
all docs

35
docs citations

35
times ranked

19826
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	The Hairpin-type Tail-Anchored SNARE Syntaxin 17 Targets to Autophagosomes for Fusion with Endosomes/Lysosomes. <i>Cell</i> , 2012, 151, 1256-1269.	13.5	1,042
3	Beclin 1 Forms Two Distinct Phosphatidylinositol 3-Kinase Complexes with Mammalian Atg14 and UVRAG. <i>Molecular Biology of the Cell</i> , 2008, 19, 5360-5372.	0.9	1,025
4	Characterization of autophagosome formation site by a hierarchical analysis of mammalian Atg proteins. <i>Autophagy</i> , 2010, 6, 764-776.	4.3	714
5	The HOPS complex mediates autophagosome-lysosome fusion through interaction with syntaxin 17. <i>Molecular Biology of the Cell</i> , 2014, 25, 1327-1337.	0.9	402
6	p62 targeting to the autophagosome formation site requires self-oligomerization but not LC3 binding. <i>Journal of Cell Biology</i> , 2011, 192, 17-27.	2.3	366
7	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, 431-441.	4.3	323
8	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.	1.2	237
9	Ubiquilins Chaperone and Triage Mitochondrial Membrane Proteins for Degradation. <i>Molecular Cell</i> , 2016, 63, 21-33.	4.5	203
10	Temporal analysis of recruitment of mammalian ATG proteins to the autophagosome formation site. <i>Autophagy</i> , 2013, 9, 1491-1499.	4.3	196
11	Ultrastructural analysis of autophagosome organization using mammalian autophagy-deficient cells. <i>Journal of Cell Science</i> , 2014, 127, 4089-102.	1.2	184
12	ER Stress-Induced Clearance of Misfolded GPI-Anchored Proteins via the Secretory Pathway. <i>Cell</i> , 2014, 158, 522-533.	13.5	143
13	Atg14 and UVRAG: Mutually exclusive subunits of mammalian Beclin 1-PI3K complexes. <i>Autophagy</i> , 2009, 5, 534-536.	4.3	109
14	Systemic Analysis of Atg5-Null Mice Rescued from Neonatal Lethality by Transgenic ATG5 Expression in Neurons. <i>Developmental Cell</i> , 2016, 39, 116-130.	3.1	99
15	IL-17 is a neuromodulator of <i>Caenorhabditis elegans</i> sensory responses. <i>Nature</i> , 2017, 542, 43-48.	13.7	98
16	Generation of Transgenic Rats Expressing Green Fluorescent Protein in S-100 β -Producing Pituitary Folliculo-Stellate Cells and Brain Astrocytes. <i>Endocrinology</i> , 2007, 148, 1518-1523.	1.4	79
17	Syntaxin 17. <i>Autophagy</i> , 2013, 9, 917-919.	4.3	68
18	Forced lipophagy reveals that lipid droplets are required for early embryonic development in mouse. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	64

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19	Stearoyl-CoA Desaturase 1 Activity Is Required for Autophagosome Formation. <i>Journal of Biological Chemistry</i> , 2014, 289, 23938-23950.	1.6	62
20	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.	1.5	42
21	Heparan sulfate is a clearance receptor for aberrant extracellular proteins. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	37
22	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, 5551-5562.	0.9	35
23	ATR-dependent phosphorylation of ATRIP in response to genotoxic stress. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 1197-1202.	1.0	28
24	Vacuole-mediated selective regulation of TORC1-Sch9 signaling following oxidative stress. <i>Molecular Biology of the Cell</i> , 2018, 29, 510-522.	0.9	24
25	Identification of a factor controlling lysosomal homeostasis using a novel lysosomal trafficking probe. <i>Scientific Reports</i> , 2019, 9, 11635.	1.6	23
26	Amino-terminal domain of ATRIP contributes to intranuclear relocation of the ATR-ATRIP complex following DNA damage. <i>FEBS Letters</i> , 2004, 577, 289-293.	1.3	22
27	Differentiation capacity of native pituitary folliculostellate cells and brain astrocytes. <i>Journal of Endocrinology</i> , 2012, 213, 231-237.	1.2	15
28	Dissection of ubiquitinated protein degradation by basal autophagy. <i>FEBS Letters</i> , 2017, 591, 1199-1211.	1.3	11
29	Receptor-interacting Protein Kinase 3 (RIPK3) inhibits autophagic flux during necroptosis in intestinal epithelial cells. <i>FEBS Letters</i> , 2020, 594, 1586-1595.	1.3	10
30	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.	1.2	4
31	Purification of FLAG-tagged Secreted Proteins from Mammalian Cells. <i>Bio-protocol</i> , 2017, 7, .	0.2	2
32	Protocol for quantification of the lysosomal degradation of extracellular proteins into mammalian cells. <i>STAR Protocols</i> , 2021, 2, 100975.	0.5	2
33	Disruption of actin dynamics induces autophagy of the eukaryotic chaperonin TRiC/CCT. <i>Cell Death Discovery</i> , 2022, 8, 37.	2.0	2
34	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.	0.5	1
35	Labeling and measuring stressed mitochondria using a PINK1-based ratiometric fluorescent sensor. <i>Journal of Biological Chemistry</i> , 2021, 297, 101279.	1.6	1