

Koji Okamoto

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

12,427
citations

304602

22
h-index

377752

34
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36
all docs

36
docs citations

36
times ranked

23154
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	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Mitochondria-Anchored Receptor Atg32 Mediates Degradation of Mitochondria via Selective Autophagy. <i>Developmental Cell</i> , 2009, 17, 87-97.	3.1	778
4	Mitochondrial Morphology and Dynamics in Yeast and Multicellular Eukaryotes. <i>Annual Review of Genetics</i> , 2005, 39, 503-536.	3.2	645
5	Molecular mechanisms and physiological functions of mitophagy. <i>EMBO Journal</i> , 2021, 40, e104705.	3.5	553
6	PINK1/Parkin-mediated mitophagy in mammalian cells. <i>Current Opinion in Cell Biology</i> , 2015, 33, 95-101.	2.6	434
7	Bcl-2-like protein 13 is a mammalian Atg32 homologue that mediates mitophagy and mitochondrial fragmentation. <i>Nature Communications</i> , 2015, 6, 7527.	5.8	381
8	Receptor-mediated mitophagy in yeast and mammalian systems. <i>Cell Research</i> , 2014, 24, 787-795.	5.7	311
9	Yeast Miro GTPase, Gem1p, regulates mitochondrial morphology via a novel pathway. <i>Journal of Cell Biology</i> , 2004, 167, 87-98.	2.3	225
10	Selective autophagy of intracellular organelles: Recent research advances. <i>Theranostics</i> , 2021, 11, 222-256.	4.6	207
11	Organellophagy: Eliminating cellular building blocks via selective autophagy. <i>Journal of Cell Biology</i> , 2014, 205, 435-445.	2.3	181
12	Mitochondrial Stasis Reveals p62-Mediated Ubiquitination in Parkin-Independent Mitophagy and Mitigates Nonalcoholic Fatty Liver Disease. <i>Cell Metabolism</i> , 2018, 28, 588-604.e5.	7.2	180
13	Mitochondria and autophagy: Critical interplay between the two homeostats. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 595-600.	1.1	131
14	Autophagy-related Protein 32 Acts as Autophagic Degron and Directly Initiates Mitophagy. <i>Journal of Biological Chemistry</i> , 2012, 287, 10631-10638.	1.6	120
15	A Mammalian Mitophagy Receptor, Bcl2-L13, Recruits the ULK1 Complex to Induce Mitophagy. <i>Cell Reports</i> , 2019, 26, 338-345.e6.	2.9	78
16	Mitochondria Autophagy in Yeast. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1989-2001.	2.5	66
17	Mitochondrial degradation during starvation is selective and temporally distinct from bulk autophagy in yeast. <i>FEBS Letters</i> , 2013, 587, 1787-1792.	1.3	55
18	Enhancement of Ethanol Fermentation in <i>Saccharomyces cerevisiae</i> Sake Yeast by Disrupting Mitophagy Function. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1002-1012.	1.4	39

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19	Phospholipid methylation controls Atg32-mediated mitophagy and Atg8 recycling. EMBO Journal, 2015, 34, 2703-2719.	3.5	39
20	Protein N-terminal Acetylation by the NatA Complex Is Critical for Selective Mitochondrial Degradation. Journal of Biological Chemistry, 2015, 290, 25034-25044.	1.6	32
21	Mitochondrial clearance: mechanisms and roles in cellular fitness. FEBS Letters, 2021, 595, 1239-1263.	1.3	28
22	The Paf1 complex transcriptionally regulates the mitochondrial-anchored protein Atg32 leading to activation of mitophagy. Autophagy, 2020, 16, 1366-1379.	4.3	26
23	The Nem1-Spo7 protein phosphatase complex is required for efficient mitophagy in yeast. Biochemical and Biophysical Research Communications, 2018, 496, 51-57.	1.0	15
24	The TORC1 signaling pathway regulates respiration-induced mitophagy in yeast. Biochemical and Biophysical Research Communications, 2018, 502, 76-83.	1.0	15
25	Regulatory mechanisms of mitophagy in yeast. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129858.	1.1	12
26	The ER membrane insertase Get1/2 is required for efficient mitophagy in yeast. Biochemical and Biophysical Research Communications, 2018, 503, 14-20.	1.0	11
27	Mitochondria breathe for autophagy. EMBO Journal, 2011, 30, 2095-2096.	3.5	8
28	Assays for Mitophagy in Yeast. Methods in Molecular Biology, 2017, 1567, 337-347.	0.4	8
29	The protein N-terminal acetyltransferase A complex contributes to yeast mitophagy via promoting expression and phosphorylation of Atg32. Journal of Biochemistry, 2021, 170, 175-182.	0.9	8
30	Investigation of Yeast Mitophagy with Fluorescence Microscopy and Western Blotting. Methods in Molecular Biology, 2017, 1759, 71-83.	0.4	5
31	Detection of mitophagy in mammalian cells, mice, and yeast. Methods in Cell Biology, 2020, 155, 557-579.	0.5	4
32	Assays for Autophagy II: Mitochondrial Autophagy. Methods in Molecular Biology, 2014, 1163, 165-173.	0.4	3
33	Mitochondrial dynamics and degradation in the oleaginous yeast <i>Lipomyces starkeyi</i> . Genes To Cells, 2021, 26, 627-635.	0.5	3
34	An overview of the molecular mechanisms of mitophagy in yeast. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130203.	1.1	3
35	Preface "The special issue on mitophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2755.	1.9	0