

Jean-Claude FarrÃ©

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1813939/publications.pdf>

Version: 2024-02-01

37
papers

5,246
citations

279487

23
h-index

344852

36
g-index

39
all docs

39
docs citations

39
times ranked

11082
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	Mechanistic insights into selective autophagy pathways: lessons from yeast. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 537-552.	16.1	323
3	PpAtg30 Tags Peroxisomes for Turnover by Selective Autophagy. <i>Developmental Cell</i> , 2008, 14, 365-376.	3.1	304
4	Peroxisome turnover by micropexophagy: an autophagy-related process. <i>Trends in Cell Biology</i> , 2004, 14, 515-523.	3.6	160
5	Phosphorylation of mitophagy and pexophagy receptors coordinates their interaction with Atg8 and Atg11. <i>EMBO Reports</i> , 2013, 14, 441-449.	2.0	144
6	Molecular mechanism and physiological role of pexophagy. <i>FEBS Letters</i> , 2010, 584, 1367-1373.	1.3	120
7	Turnover of organelles by autophagy in yeast. <i>Current Opinion in Cell Biology</i> , 2009, 21, 522-530.	2.6	112
8	Peroxisome biogenesis, membrane contact sites, and quality control. <i>EMBO Reports</i> , 2019, 20, .	2.0	107
9	Peroxisome Size Provides Insights into the Function of Autophagy-related Proteins. <i>Molecular Biology of the Cell</i> , 2009, 20, 3828-3839.	0.9	67
10	Gene expression in isolated plant mitochondria: high fidelity of transcription, splicing and editing of a transgene product in electroporated organelles. <i>Nucleic Acids Research</i> , 2001, 29, 2484-2491.	6.5	66
11	A yeast MAPK cascade regulates pexophagy but not other autophagy pathways. <i>Journal of Cell Biology</i> , 2010, 189, 303-310.	2.3	66
12	TRIM37, a novel E3 ligase for PEX5-mediated peroxisomal matrix protein import. <i>Journal of Cell Biology</i> , 2017, 216, 2843-2858.	2.3	64
13	Different patterns in the recognition of editing sites in plant mitochondria. <i>Nucleic Acids Research</i> , 2004, 32, 6397-6406.	6.5	54
14	Atg28, a Novel Coiled-Coil Protein Involved in Autophagic Degradation of Peroxisomes in the Methylotrophic Yeast <i>Pichia pastoris</i> . <i>Autophagy</i> , 2006, 2, 30-38.	4.3	49
15	Peroxisomal Pex3 Activates Selective Autophagy of Peroxisomes via Interaction with the Pexophagy Receptor Atg30. <i>Journal of Biological Chemistry</i> , 2015, 290, 8623-8631.	1.6	46
16	Atg35, a micropexophagy-specific protein that regulates micropexophagic apparatus formation in <i>Pichia pastoris</i> . <i>Autophagy</i> , 2011, 7, 375-385.	4.3	43
17	RNA Editing in Mitochondrial Trans-Introns Is Required for Splicing. <i>PLoS ONE</i> , 2012, 7, e52644.	1.1	43
18	TRIM37 deficiency induces autophagy through deregulating the MTORC1-TFEB axis. <i>Autophagy</i> , 2018, 14, 1574-1585.	4.3	35

#	ARTICLE	IF	CITATIONS
19	A Cytoplasm to Vacuole Targeting Pathway in <i>P. pastoris</i> . <i>Autophagy</i> , 2007, 3, 230-234.	4.3	33
20	RNA splicing in higher plant mitochondria: determination of functional elements in group II intron from a chimeric <i>cox II</i> gene in electroporated wheat mitochondria. <i>Plant Journal</i> , 2002, 29, 203-213.	2.8	32
21	Active Interaction Mapping Reveals the Hierarchical Organization of Autophagy. <i>Molecular Cell</i> , 2017, 65, 761-774.e5.	4.5	31
22	A New Yeast Peroxin, Pex36, a Functional Homolog of Mammalian PEX16, Functions in the ER-to-Peroxisome Traffic of Peroxisomal Membrane Proteins. <i>Journal of Molecular Biology</i> , 2017, 429, 3743-3762.	2.0	28
23	The <i>mat-r</i> open reading frame is transcribed from a non-canonical promoter and contains an internal promoter to co-transcribe exons <i>nad1e</i> and <i>nad5III</i> in wheat mitochondria. , 1999, 40, 959-967.		26
24	Roles of <i>Pichia pastoris</i> <i>Uvr</i> g in vacuolar protein sorting and the phosphatidylinositol 3-kinase complex in phagophore elongation in autophagy pathways. <i>Autophagy</i> , 2010, 6, 86-99.	4.3	26
25	Editing status of <i>mat-r</i> transcripts in mitochondria from two plant species: C-to-U changes occur in putative functional RT and maturase domains. <i>Current Genetics</i> , 1998, 33, 420-428.	0.8	25
26	Gene expression studies in isolated mitochondria: <i>Solanum tuberosum rps10</i> is recognized by cognate potato but not by the transcription, splicing and editing machinery of wheat mitochondria. <i>Nucleic Acids Research</i> , 2005, 33, 7058-7065.	6.5	22
27	Balancing the Opposing Principles That Govern Peroxisome Homeostasis. <i>Trends in Biochemical Sciences</i> , 2021, 46, 200-212.	3.7	18
28	Autophagy-Related Pathways and Specific Role of Sterol Glucoside in Yeasts. <i>Autophagy</i> , 2007, 3, 263-265.	4.3	15
29	Rallying the Exocyst as an Autophagy Scaffold. <i>Cell</i> , 2011, 144, 172-174.	13.5	15
30	A Ubiquitin-like Protein Involved in Membrane Fusion. <i>Cell</i> , 2007, 130, 18-20.	13.5	14
31	The autophagic degradation of cytosolic pools of peroxisomal proteins by a new selective pathway. <i>Autophagy</i> , 2020, 16, 154-166.	4.3	13
32	In Organello Gene Expression and RNA Editing Studies by Electroporation-Mediated Transformation of Isolated Plant Mitochondria. <i>Methods in Enzymology</i> , 2007, 424, 483-500.	0.4	10
33	Recognition and Chaperoning by Pex19, Followed by Trafficking and Membrane Insertion of the Peroxisome Proliferation Protein, Pex11. <i>Cells</i> , 2022, 11, 157.	1.8	5
34	OXPHOS deficiencies affect peroxisome proliferation by downregulating genes controlled by the SNF1 signaling pathway. <i>ELife</i> , 2022, 11, .	2.8	4
35	BiFC Method Based on Intraorganellar Protein Crowding Detects Oleate-Dependent Peroxisomal Targeting of <i>Pichia pastoris</i> Malate Dehydrogenase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4890.	1.8	2
36	Régulation du matériel génétique : fonctions et mécanismes de l'édiction de l'ARN. <i>Medecine/Sciences</i> , 2002, 18, 181-192.	0.0	1

#	ARTICLE	IF	CITATIONS
37	Active Interaction Mapping as a tool to elucidate hierarchical functions of biological processes. Autophagy, 2017, 13, 1248-1249.	4.3	1