Jean-Claude FarrÃ©

List of Publications by Year
in descending order

37	5,246	279798	345221
papers	citations	23 h-index	36 g-index

39	39	39	11082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recognition and Chaperoning by Pex19, Followed by Trafficking and Membrane Insertion of the Peroxisome Proliferation Protein, Pex11. Cells, 2022, 11, 157.	4.1	5
2	OXPHOS deficiencies affect peroxisome proliferation by downregulating genes controlled by the SNF1 signaling pathway. ELife, 2022, 11, .	6.0	4
3	Balancing the Opposing Principles That Govern Peroxisome Homeostasis. Trends in Biochemical Sciences, 2021, 46, 200-212.	7.5	18
4	BiFC Method Based on Intraorganellar Protein Crowding Detects Oleate-Dependent Peroxisomal Targeting of Pichia pastoris Malate Dehydrogenase. International Journal of Molecular Sciences, 2021, 22, 4890.	4.1	2
5	The autophagic degradation of cytosolic pools of peroxisomal proteins by a new selective pathway. Autophagy, 2020, 16, 154-166.	9.1	13
6	Peroxisome biogenesis, membrane contact sites, and quality control. EMBO Reports, 2019, 20, .	4.5	107
7	TRIM37 deficiency induces autophagy through deregulating the MTORC1-TFEB axis. Autophagy, 2018, 14, 1574-1585.	9.1	35
8	Active Interaction Mapping Reveals the Hierarchical Organization of Autophagy. Molecular Cell, 2017, 65, 761-774.e5.	9.7	31
9	Active Interaction Mapping as a tool to elucidate hierarchical functions of biological processes. Autophagy, 2017, 13, 1248-1249.	9.1	1
10	A New Yeast Peroxin, Pex36, a Functional Homolog of Mammalian PEX16, Functions in the ER-to-Peroxisome Traffic of Peroxisomal Membrane Proteins. Journal of Molecular Biology, 2017, 429, 3743-3762.	4.2	28
11	TRIM37, a novel E3 ligase for PEX5-mediated peroxisomal matrix protein import. Journal of Cell Biology, 2017, 216, 2843-2858.	5.2	64
12	Mechanistic insights into selective autophagy pathways: lessons from yeast. Nature Reviews Molecular Cell Biology, 2016, 17, 537-552.	37.0	323
13	Peroxisomal Pex3 Activates Selective Autophagy of Peroxisomes via Interaction with the Pexophagy Receptor Atg30. Journal of Biological Chemistry, 2015, 290, 8623-8631.	3.4	46
14	Phosphorylation of mitophagy and pexophagy receptors coordinates their interaction with Atg8 and Atg11. EMBO Reports, 2013, 14, 441-449.	4.5	144
15	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
16	RNA Editing in Mitochondrial Trans-Introns Is Required for Splicing. PLoS ONE, 2012, 7, e52644.	2.5	43
17	Rallying the Exocyst as an Autophagy Scaffold. Cell, 2011, 144, 172-174.	28.9	15
18	Atg35, a micropexophagy-specific protein that regulates micropexophagic apparatus formation inPichia pastoris. Autophagy, 2011, 7, 375-385.	9.1	43

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19	Molecular mechanism and physiological role of pexophagy. FEBS Letters, 2010, 584, 1367-1373.	2.8	120
20	A yeast MAPK cascade regulates pexophagy but not other autophagy pathways. Journal of Cell Biology, 2010, 189, 303-310.	5.2	66
21	Roles ofPichia pastorisUvrag in vacuolar protein sorting and the phosphatidylinositol 3-kinase complex in phagophore elongation in autophagy pathways. Autophagy, 2010, 6, 86-99.	9.1	26
22	Turnover of organelles by autophagy in yeast. Current Opinion in Cell Biology, 2009, 21, 522-530.	5.4	112
23	Peroxisome Size Provides Insights into the Function of Autophagy-related Proteins. Molecular Biology of the Cell, 2009, 20, 3828-3839.	2.1	67
24	PpAtg30 Tags Peroxisomes for Turnover by Selective Autophagy. Developmental Cell, 2008, 14, 365-376.	7.0	304
25	Autophagy-Related Pathways and Specific Role of Sterol Glucoside in Yeasts. Autophagy, 2007, 3, 263-265.	9.1	15
26	A Cytoplasm to Vacuole Targeting Pathway inP. pastoris. Autophagy, 2007, 3, 230-234.	9.1	33
27	In Organello Gene Expression and RNA Editing Studies by Electroporation-Mediated Transformation of Isolated Plant Mitochondria. Methods in Enzymology, 2007, 424, 483-500.	1.0	10
28	A Ubiquitin-like Protein Involved in Membrane Fusion. Cell, 2007, 130, 18-20.	28.9	14
29	Atg28, a Novel Coiled-Coil Protein Involved in Autophagic Degradation of Peroxisomes in the Methylotrophic Yeast Pichia pastoris. Autophagy, 2006, 2, 30-38.	9.1	49
30	Gene expression studies in isolated mitochondria: Solanum tuberosum rps10 is recognized by cognate potato but not by the transcription, splicing and editing machinery of wheat mitochondria. Nucleic Acids Research, 2005, 33, 7058-7065.	14.5	22
31	Different patterns in the recognition of editing sites in plant mitochondria. Nucleic Acids Research, 2004, 32, 6397-6406.	14.5	54
32	Peroxisome turnover by micropexophagy: an autophagy-related process. Trends in Cell Biology, 2004, 14, 515-523.	7.9	160
33	RÃ©Ã©criture du matÃ©riel gÃ©nÃ©tique : fonctions et mÃ©canismes de lâ€™Ã©dition de lâ€™ARN. Medecine/Sciences, 2002, 18, 181-192.	0.2	1
34	RNA splicing in higher plant mitochondria: determination of functional elements in group II intron from a chimericcox IIgene in electroporated wheat mitochondria. Plant Journal, 2002, 29, 203-213.	5.7	32
35	Gene expression in isolated plant mitochondria: high fidelity of transcription, splicing and editing of a transgene product in electroporated organelles. Nucleic Acids Research, 2001, 29, 2484-2491.	14.5	66
36	The mat-r open reading frame is transcribed from a non-canonical promoter and contains an internal promoter to co-transcribe exons nad1e and nad5III in wheat mitochondria. , 1999, 40, 959-967.		26

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37	Editing status of mat-r transcripts in mitochondria from two plant species: C-to-U changes occur in putative functional RT and maturase domains. Current Genetics, 1998, 33, 420-428.	1.7	25