

Hagai Abeliovich

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

10,548
citations

516710

16
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

21867
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662</i>	9.1	1,430
4	Dissection of Autophagosome Biogenesis into Distinct Nucleation and Expansion Steps. <i>Journal of Cell Biology</i> , 2000, 151, 1025-1034.	5.2	264
5	Aup1p, a Yeast Mitochondrial Protein Phosphatase Homolog, Is Required for Efficient Stationary Phase Mitophagy and Cell Survival. <i>Journal of Biological Chemistry</i> , 2007, 282, 5617-5624.	3.4	232
6	Chemical Genetic Analysis of Apg1 Reveals A Non-kinase Role in the Induction of Autophagy. <i>Molecular Biology of the Cell</i> , 2003, 14, 477-490.	2.1	152
7	Early Stages of the Secretory Pathway, but Not Endosomes, Are Required for Cvt Vesicle and Autophagosome Assembly in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2004, 15, 2189-2204.	2.1	130
8	Involvement of mitochondrial dynamics in the segregation of mitochondrial matrix proteins during stationary phase mitophagy. <i>Nature Communications</i> , 2013, 4, 2789.	12.8	95
9	Aup1-mediated Regulation of Rtg3 during Mitophagy. <i>Journal of Biological Chemistry</i> , 2009, 284, 35885-35895.	3.4	79
10	An Empirical Extremum Principle for the Hill Coefficient in Ligand-Protein Interactions Showing Negative Cooperativity. <i>Biophysical Journal</i> , 2005, 89, 76-79.	0.5	65
11	Cardiolipin Regulates Mitophagy through the Protein Kinase C Pathway. <i>Journal of Biological Chemistry</i> , 2017, 292, 2916-2923.	3.4	64
12	Induction of autophagic flux by amino acid deprivation is distinct from nitrogen starvation-induced macroautophagy. <i>Autophagy</i> , 2010, 6, 879-890.	9.1	46
13	Mitophagy: The Life-or-Death Dichotomy Includes Yeast. <i>Autophagy</i> , 2007, 3, 275-277.	9.1	31
14	Roles of mitophagy in cellular physiology and development. <i>Cell and Tissue Research</i> , 2017, 367, 95-109.	2.9	28
15	Phosphorylation of mitochondrial matrix proteins regulates their selective mitophagic degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20517-20527.	7.1	26
16	PEP3 overexpression shortens lag phase but does not alter growth rate in <i>Saccharomyces cerevisiae</i> exposed to acetic acid stress. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8667-8680.	3.6	19
17	Stationary-Phase Mitophagy in Respiring <i>Saccharomyces cerevisiae</i> . <i>Antioxidants and Redox Signaling</i> , 2011, 14, 2003-2011.	5.4	13
18	Musical chairs during mitophagy. <i>Autophagy</i> , 2014, 10, 706-707.	9.1	13

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19	On Hill coefficients and subunit interaction energies. <i>Journal of Mathematical Biology</i> , 2016, 73, 1399-1411.	1.9	12
20	Mitophagy as a stress response in mammalian cells and in respiring <i>S. cerevisiae</i> . <i>Biochemical Society Transactions</i> , 2016, 44, 541-545.	3.4	11
21	Regulation of autophagy by amino acid availability in <i>S. cerevisiae</i> and mammalian cells. <i>Amino Acids</i> , 2015, 47, 2165-2175.	2.7	6
22	Methods for Studying Mitophagy in Yeast. <i>Methods in Molecular Biology</i> , 2019, 1880, 669-678.	0.9	5
23	Selective emodin toxicity in cancer cells. <i>Oncotarget</i> , 2017, 8, 36932-36933.	1.8	4
24	New gadget in the membrane trafficking toolbox: A novel inhibitor of SNARE priming. <i>Journal of Biological Chemistry</i> , 2019, 294, 17186-17187.	3.4	0
25	Mitophagy as a quality control mechanism in <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2013, 27, 994.3.	0.5	0
26	Mechanisms of Selectivity during Stationary Phase Mitophagy. <i>FASEB Journal</i> , 2015, 29, 883.3.	0.5	0