

Liza A Pon

List of Publications by Year in descending order

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35
papers

1,943
citations

471509

17
h-index

377865

34
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36
all docs

36
docs citations

36
times ranked

3062
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging the Actin Cytoskeleton in Fixed Budding Yeast Cells. <i>Methods in Molecular Biology</i> , 2022, 2364, 81-100.	0.9	1
2	Imaging the Actin Cytoskeleton in Live Budding Yeast Cells. <i>Methods in Molecular Biology</i> , 2022, 2364, 53-80.	0.9	0
3	A role for cell polarity in lifespan and mitochondrial quality control in the budding yeast <i>Saccharomyces cerevisiae</i> . <i>IScience</i> , 2022, 25, 103957.	4.1	4
4	Lipid droplets in stress protection: distinct mechanisms of lipid droplet microautophagy. , 2022, 1, 197-200.		0
5	Identification of a modulator of the actin cytoskeleton, mitochondria, nutrient metabolism and lifespan in yeast. <i>Nature Communications</i> , 2022, 13, 2706.	12.8	8
6	Membrane dynamics and protein targets of lipid droplet microautophagy during ER stress-induced proteostasis in the budding yeast, <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2021, 17, 2363-2383.	9.1	27
7	Roles for L _o microdomains and ESCRT in ER stress-induced lipid droplet microautophagy in budding yeast. <i>Molecular Biology of the Cell</i> , 2021, 32, br12.	2.1	20
8	Isolation of mitochondria from cells and tissues. <i>Methods in Cell Biology</i> , 2020, 155, 3-31.	1.1	56
9	Mitochondria-Associated Degradation Pathway (MAD) Function beyond the Outer Membrane. <i>Cell Reports</i> , 2020, 32, 107902.	6.4	27
10	Live-Cell Imaging of Mitochondrial Redox State in Yeast Cells. <i>STAR Protocols</i> , 2020, 1, 100160.	1.2	8
11	Live cell imaging of mitochondrial redox state in mammalian cells and yeast. <i>Methods in Cell Biology</i> , 2020, 155, 295-319.	1.1	14
12	Lysosomal recycling of amino acids affects ER quality control. <i>Science Advances</i> , 2020, 6, eaaz9805.	10.3	19
13	Live-cell imaging of mitochondrial motility and interactions in <i>Drosophila</i> neurons and yeast. <i>Methods in Cell Biology</i> , 2020, 155, 519-544.	1.1	3
14	Reciprocal interactions between mtDNA and lifespan control in budding yeast. <i>Molecular Biology of the Cell</i> , 2019, 30, 2943-2952.	2.1	11
15	A key role for MAM in mediating mitochondrial dysfunction in Alzheimer disease. <i>Cell Death and Disease</i> , 2018, 9, 335.	6.3	158
16	Lipid droplet autophagy during energy mobilization lipid homeostasis and protein quality control. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1552-1563.	3.0	34
17	Isolation of mitochondria from <i>Saccharomyces cerevisiae</i> using magnetic bead affinity purification. <i>PLoS ONE</i> , 2018, 13, e0196632.	2.5	18
18	ER-mitochondria tethering by PDZD8 regulates Ca ²⁺ dynamics in mammalian neurons. <i>Science</i> , 2017, 358, 623-630.	12.6	337

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19	Mitochondrial Tethers and Their Impact on Lifespan in Budding Yeast. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 120.	3.7	19
20	A role for Mfb1p in region-specific anchorage of high-functioning mitochondria and lifespan in <i>Saccharomyces cerevisiae</i> . <i>Nature Communications</i> , 2016, 7, 10595.	12.8	46
21	Mitochondrial anchorage and fusion contribute to mitochondrial inheritance and quality control in the budding yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2016, 27, 776-787.	2.1	33
22	Imaging of the Actin Cytoskeleton and Mitochondria in Fixed Budding Yeast Cells. <i>Methods in Molecular Biology</i> , 2016, 1365, 63-81.	0.9	5
23	Live-Cell Imaging of Mitochondria and the Actin Cytoskeleton in Budding Yeast. <i>Methods in Molecular Biology</i> , 2016, 1365, 25-62.	0.9	7
24	Characterization of Fluorescent Proteins for Three- and Four-Color Live-Cell Imaging in <i>S. cerevisiae</i> . <i>PLoS ONE</i> , 2016, 11, e0146120.	2.5	25
25	Role for Lipid Droplet Biogenesis and Microlipophagy in Adaptation to Lipid Imbalance in Yeast. <i>Developmental Cell</i> , 2015, 35, 584-599.	7.0	175
26	Inheritance of the fittest mitochondria in yeast. <i>Trends in Cell Biology</i> , 2014, 24, 53-60.	7.9	52
27	Actin Dynamics Affect Mitochondrial Quality Control and Aging in Budding Yeast. <i>Current Biology</i> , 2013, 23, 2417-2422.	3.9	112
28	Mitochondrial Fission: Rings around the Organelle. <i>Current Biology</i> , 2013, 23, R279-R281.	3.9	12
29	Ratiometric Biosensors that Measure Mitochondrial Redox State and ATP in Living Yeast Cells. <i>Journal of Visualized Experiments</i> , 2013, , 50633.	0.3	28
30	Mitochondrial quality control during inheritance is associated with lifespan and mother's daughter age asymmetry in budding yeast. <i>Aging Cell</i> , 2011, 10, 885-895.	6.7	167
31	Organelle Transport: Mitochondria Hitch a Ride on Dynamic Microtubules. <i>Current Biology</i> , 2011, 21, R654-R656.	3.9	6
32	Golgi Inheritance: Rab Rides the Coat-Tails. <i>Current Biology</i> , 2008, 18, R743-R745.	3.9	6
33	Purification and Subfractionation of Mitochondria from the Yeast <i>Saccharomyces cerevisiae</i> . <i>Methods in Cell Biology</i> , 2007, 80, 45-64.	1.1	37
34	Interaction between Mitochondria and the Actin Cytoskeleton in Budding Yeast Requires Two Integral Mitochondrial Outer Membrane Proteins, Mmm1p and Mdm10p. <i>Journal of Cell Biology</i> , 1998, 141, 1371-1381.	5.2	177
35	[14] Isolation of highly purified mitochondria from <i>Saccharomyces cerevisiae</i> . <i>Methods in Enzymology</i> , 1995, 260, 213-223.	1.0	290