

Xin Jie Chen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,045
citations

567144

15
h-index

677027

22
g-index

25
all docs

25
docs citations

25
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytosolic adaptation to mitochondria-induced proteostatic stress causes progressive muscle wasting. <i>IScience</i> , 2022, 25, 103715.	1.9	6
2	A Gravity-fed Transcardial Perfusion Method for Histologic Analysis of the Mouse Central Nervous System. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	2
3	Consequences of inner mitochondrial membrane protein misfolding. <i>Mitochondrion</i> , 2019, 49, 46-55.	1.6	18
4	Mitochondrial carrier protein overloading and misfolding induce aggresomes and proteostatic adaptations in the cytosol. <i>Molecular Biology of the Cell</i> , 2019, 30, 1272-1284.	0.9	30
5	<scp>mPOS</scp> is a novel mitochondrial trigger of cell death â€“ implications for neurodegeneration. <i>FEBS Letters</i> , 2018, 592, 759-775.	1.3	35
6	Unveiling the mystery of mitochondrial DNA replication in yeasts. <i>Mitochondrion</i> , 2018, 38, 17-22.	1.6	25
7	Mitochondriaâ€“cytosolâ€“nucleus crosstalk: learning from <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	53
8	A cytosolic network suppressing mitochondria-mediated proteostatic stress and cell death. <i>Nature</i> , 2015, 524, 481-484.	13.7	291
9	Misfolding of mutant adenine nucleotide translocase in yeast supports a novel mechanism of Ant1-induced muscle diseases. <i>Molecular Biology of the Cell</i> , 2015, 26, 1985-1994.	0.9	23
10	Mechanism of Homologous Recombination and Implications for Aging-Related Deletions in Mitochondrial DNA. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 476-496.	2.9	75
11	Adenine Nucleotide Translocase, Mitochondrial Stress, and Degenerative Cell Death. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	1.9	57
12	Biochemical and functional characterization of Mgm101, a Rad52â€“type recombination protein in mitochondria. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
13	The Search for Nonconventional Mitochondrial Determinants of Aging. <i>Molecular Cell</i> , 2011, 42, 271-273.	4.5	5
14	Mgm101 Is a Rad52-related Protein Required for Mitochondrial DNA Recombination. <i>Journal of Biological Chemistry</i> , 2011, 286, 42360-42370.	1.6	39
15	Reduced cytosolic protein synthesis suppresses mitochondrial degeneration. <i>Nature Cell Biology</i> , 2008, 10, 1090-1097.	4.6	80
16	Dominant membrane uncoupling by mutant adenine nucleotide translocase in mitochondrial diseases. <i>Human Molecular Genetics</i> , 2008, 17, 4036-4044.	1.4	33
17	Induction of an unregulated channel by mutations in adenine nucleotide translocase suggests an explanation for human ophthalmoplegia. <i>Human Molecular Genetics</i> , 2002, 11, 1835-1843.	1.4	41
18	Activity of the <i>Kluyveromyces lactis</i> Pdr5 Multidrug Transporter Is Modulated by the Sit4 Protein Phosphatase. <i>Journal of Bacteriology</i> , 2001, 183, 3939-3948.	1.0	21

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19	Absence of F ₁ -ATPase activity in <i>Kluyveromyces lactis</i> lacking the $\hat{\mu}$ subunit. <i>Current Genetics</i> , 2000, 38, 1-7.	0.8	6
20	Disruption of the MRP-L23 gene encoding the mitochondrial ribosomal protein L23 is lethal for <i>Kluyveromyces lactis</i> but not for <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2000, 37, 87-93.	0.8	10
21	The Petite Mutation in Yeasts: 50 Years On. <i>International Review of Cytology</i> , 1999, 194, 197-238.	6.2	147
22	Allele-specific expression of the Mgi ⁻ phenotype on disruption of the F ₁ -ATPase delta-subunit gene in <i>Kluyveromyces lactis</i> . <i>Current Genetics</i> , 1998, 33, 46-51.	0.8	6
23	A new point mutation in the nuclear gene of yeast mitochondrial RNA polymerase, RPO41, identifies a functionally important amino-acid residue in a protein region conserved among mitochondrial core enzymes. <i>Current Genetics</i> , 1996, 30, 389-395.	0.8	10
24	The Mitochondrial Genome Integrity Gene, MGI1, of <i>Kluyveromyces lactis</i> Encodes the $\hat{\mu}^2$ -Subunit of F ₁ -ATPase. <i>Genetics</i> , 1996, 144, 1445-1454.	1.2	32