Xin Jie Chen

List of Publications by Year
in descending order

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	A cytosolic network suppressing mitochondria-mediated proteostatic stress and cell death. Nature, 2015, 524, 481-484.	13.7	291
2	The Petite Mutation in Yeasts: 50 Years On. International Review of Cytology, 1999, 194, 197-238.	6.2	147
3	Reduced cytosolic protein synthesis suppresses mitochondrial degeneration. Nature Cell Biology, 2008, 10, 1090-1097.	4.6	80
4	Mechanism of Homologous Recombination and Implications for Aging-Related Deletions in Mitochondrial DNA. Microbiology and Molecular Biology Reviews, 2013, 77, 476-496.	2.9	75
5	Adenine Nucleotide Translocase, Mitochondrial Stress, and Degenerative Cell Death. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-10.	1.9	57
6	Mitochondriaâ€“cytosolâ€“nucleus crosstalk: learning from Saccharomyces cerevisiae. FEMS Yeast Research, 2018, 18, .	1.1	53
7	Induction of an unregulated channel by mutations in adenine nucleotide translocase suggests an explanation for human ophthalmoplegia. Human Molecular Genetics, 2002, 11, 1835-1843.	1.4	41
8	Mgm101 Is a Rad52-related Protein Required for Mitochondrial DNA Recombination. Journal of Biological Chemistry, 2011, 286, 42360-42370.	1.6	39
9	<scp>mPOS</scp> is a novel mitochondrial trigger of cell death â€“ implications for neurodegeneration. FEBS Letters, 2018, 592, 759-775.	1.3	35
10	Dominant membrane uncoupling by mutant adenine nucleotide translocase in mitochondrial diseases. Human Molecular Genetics, 2008, 17, 4036-4044.	1.4	33
11	The Mitochondrial Genome Integrity Gene, MGI1, of Kluyveromyces lactis Encodes the Î²-Subunit of F1-ATPase. Genetics, 1996, 144, 1445-1454.	1.2	32
12	Mitochondrial carrier protein overloading and misfolding induce aggresomes and proteostatic adaptations in the cytosol. Molecular Biology of the Cell, 2019, 30, 1272-1284.	0.9	30
13	Unveiling the mystery of mitochondrial DNA replication in yeasts. Mitochondrion, 2018, 38, 17-22.	1.6	25
14	Misfolding of mutant adenine nucleotide translocase in yeast supports a novel mechanism of Ant1-induced muscle diseases. Molecular Biology of the Cell, 2015, 26, 1985-1994.	0.9	23
15	Activity of the Kluyveromyces lactis Pdr5 Multidrug Transporter Is Modulated by the Sit4 Protein Phosphatase. Journal of Bacteriology, 2001, 183, 3939-3948.	1.0	21
16	Consequences of inner mitochondrial membrane protein misfolding. Mitochondrion, 2019, 49, 46-55.	1.6	18
17	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. Current Genetics, 1996, 30, 389-395.	0.8	10
18	Disruption of the MRP-L23 gene encoding the mitochondrial ribosomal protein L23 is lethal for Kluyveromyces lactis but not for Saccharomyces cerevisiae. Current Genetics, 2000, 37, 87-93.	0.8	10

#	Article	IF	Citations
19	Allele-specific expression of the Mgi- phenotype on disruption of the F 1 -ATPase delta-subunit gene in Kluyveromyces lactis. Current Genetics, 1998, 33, 46-51.	0.8	6
20	Absence of F 1 -ATPase activity in Kluyveromyces lactis lacking the Îµ subunit. Current Genetics, 2000, 38, 1-7.	0.8	6
21	Cytosolic adaptation to mitochondria-induced proteostatic stress causes progressive muscle wasting. IScience, 2022, 25, 103715.	1.9	6
22	The Search for Nonconventional Mitochondrial Determinants of Aging. Molecular Cell, 2011, 42, 271-273.	4.5	5
23	A Gravity-fed Transcardial Perfusion Method for Histologic Analysis of the Mouse Central Nervous System. Journal of Visualized Experiments, 2022, , .	0.2	2
24	Biochemical and functional characterization of Mgm101, a Rad52â€type recombination protein in mitochondria. FASEB Journal, 2012, 26, .	0.2	0