Laran T Jensen

List of Publications by Year
in descending order

53 papers	3,604 citations	136885 32 h-index	182361 51 g-index
54 all docs	54 docs citations	54 times ranked	3907 citing authors

#	Article	IF	Citations
1	A Fraction of Yeast Cu,Zn-Superoxide Dismutase and Its Metallochaperone, CCS, Localize to the Intermembrane Space of Mitochondria. Journal of Biological Chemistry, 2001, 276, 38084-38089.	1.6	592
2	Open Source Drug Discovery with the Malaria Box Compound Collection for Neglected Diseases and Beyond. PLoS Pathogens, 2016, 12, e1005763.	2.1	244
3	Enhanced neurotrophic activity in Alzheimer's disease cortex is not associated with down-regulation of metallothionein-III (GIF). Brain Research, 1994, 649, 297-304.	1.1	182
4	Metalloregulation of FRE1 and FRE2Homologs in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 23716-23721.	1.6	174
5	Bioactivity of Metallothionein-3 Correlates with Its Novel .beta. Domain Sequence Rather Than Metal Binding Properties. Biochemistry, 1995, 34, 4740-4747.	1.2	173
6	Role of Saccharomyces cerevisiae ISA1 and ISA2 in Iron Homeostasis. Molecular and Cellular Biology, 2000, 20, 3918-3927.	1.1	170
7	The Saccharomyces cerevisiae High Affinity Phosphate Transporter Encoded by PHO84 Also Functions in Manganese Homeostasis. Journal of Biological Chemistry, 2003, 278, 42036-42040.	1.6	159
8	Effect of the Two Conserved Prolines of Human Growth Inhibitory Factor (Metallothionein-3) on Its Biological Activity and Structure Fluctuation:â€‰ Comparison with a Mutant Protein. Biochemistry, 2000, 39, 14567-14575.	1.2	119
9	Manganese Homeostasis in Saccharomyces cerevisiae. Chemical Reviews, 2009, 109, 4722-4732.	23.0	115
10	The many highways for intracellular trafficking of metals. Journal of Biological Inorganic Chemistry, 2003, 8, 803-809.	1.1	104
11	Manganese Activation of Superoxide Dismutase 2 in the Mitochondria of Saccharomyces cerevisiae. Journal of Biological Chemistry, 2005, 280, 22715-22720.	1.6	101
12	The overlapping roles of manganese and Cu/Zn SOD in oxidative stress protection. Free Radical Biology and Medicine, 2009, 46, 154-162.	1.3	101
13	Identification of a copper-induced intramolecular interaction in the transcription factor Mac1 from Saccharomyces cerevisiae. EMBO Journal, 1998, 17, 5400-5408.	3.5	96
14	Enhanced Effectiveness of Copper Ion Buffering by CUP1 Metallothionein Compared with CRS5 Metallothionein in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1996, 271, 18514-18519.	1.6	95
15	Activation of CuZn Superoxide Dismutases from Caenorhabditis elegans Does Not Require the Copper Chaperone CCS. Journal of Biological Chemistry, 2005, 280, 41373-41379.	1.6	82
16	A dual role for zinc fingers in both DNA binding and zinc sensing by the Zap1 transcriptional activator. EMBO Journal, 2000, 19, 3704-3713.	3.5	75
17	Engineering of Metallothionein-3 Neuroinhibitory Activity into the Inactive Isoform Metallothionein-1. Journal of Biological Chemistry, 2002, 277, 37023-37028.	1.6	62
18	Activation of Cu,Zn-Superoxide Dismutase in the Absence of Oxygen and the Copper Chaperone CCS. Journal of Biological Chemistry, 2009, 284, 21863-21871.	1.6	61

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19	The Interaction of Mitochondrial Iron with Manganese Superoxide Dismutase. Journal of Biological Chemistry, 2009, 284, 22633-22640.	1.6	61
20	Regulation of Saccharomyces cerevisiae FET4 by Oxygen and Iron. Journal of Molecular Biology, 2002, 318, 251-260.	2.0	60
21	Characterization of human soluble high and low activity catechol-O-methyltransferase catalyzed catechol estrogen methylation. Pharmacogenetics and Genomics, 2002, 12, 517-528.	5.7	58
22	The distinct methods by which manganese and iron regulate the Nramp transporters in yeast. Biochemical Journal, 2002, 362, 119-124.	1.7	55
23	Metal-ion regulation of gene expression in yeast. Current Opinion in Chemical Biology, 1998, 2, 216-221.	2.8	53
24	Mapping of the DNA Binding Domain of the Copper-responsive Transcription Factor Mac1 from Saccharomyces cerevisiae. Journal of Biological Chemistry, 1998, 273, 23805-23811.	1.6	50
25	Instability of Superoxide Dismutase 1 of Drosophila in Mutants Deficient for Its Cognate Copper Chaperone. Journal of Biological Chemistry, 2008, 283, 35393-35401.	1.6	50
26	The effect of phosphate accumulation on metal ion homeostasis in Saccharomyces cerevisiae. Journal of Biological Inorganic Chemistry, 2010, 15, 1051-1062.	1.1	50
27	The distinct methods by which manganese and iron regulate the Nramp transporters in yeast. Biochemical Journal, 2002, 362, 119.	1.7	46
28	Down-Regulation of a Manganese Transporter in the Face of Metal Toxicity. Molecular Biology of the Cell, 2009, 20, 2810-2819.	0.9	46
29	The Effects of Glutaredoxin and Copper Activation Pathways on the Disulfide and Stability of Cu,Zn Superoxide Dismutase. Journal of Biological Chemistry, 2006, 281, 28648-28656.	1.6	45
30	The Yeast Transcription Factor Mac1 Binds to DNA in a Modular Fashion. Journal of Biological Chemistry, 1999, 274, 26962-26967.	1.6	42
31	Manganese toxicity and Saccharomyces cerevisiae Mam3p, a member of the ACDP (ancient conserved) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	41
32	Identification of a four copper folding intermediate in mammalian copper metallothionein by electrospray ionization mass spectrometry. Journal of Biological Inorganic Chemistry, 1998, 3, 627-631.	1.1	33
33	Mutations in Saccharomyces cerevisiae Iron-Sulfur Cluster Assembly Genes and Oxidative Stress Relevant to Cu,Zn Superoxide Dismutase. Journal of Biological Chemistry, 2004, 279, 29938-29943.	1.6	28
34	Zinc cluster protein Znf1, a novel transcription factor of non-fermentative metabolism in Saccharomyces cerevisiae. FEMS Yeast Research, 2015, 15, .	1.1	23
35	A novel giant peroxisomal superoxide dismutase motif-containing protein. Free Radical Biology and Medicine, 2010, 48, 811-820.	1.3	19
36	Prediction of the functional effect of novel SLC25A13 variants using a S. cerevisiae model of AGC2 deficiency. Journal of Inherited Metabolic Disease, 2013, 36, 821-830.	1.7	19

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37	Overexpression of Transcription Factor ZNF1 of Glycolysis Improves Bioethanol Productivity under High Glucose Concentration and Enhances Acetic Acid Tolerance of Saccharomyces cerevisiae. Biotechnology Journal, 2020, 15, e1900492.	1.8	18
38	Screening ofSLC25A13mutation in the Thai population. World Journal of Gastroenterology, 2013, 19, 7735.	1.4	14
39	Sensors that mediate copper-specific activation and repression of gene expression. Journal of Biological Inorganic Chemistry, 1997, 2, 2-10.	1.1	13
40	Improper protein trafficking contributes to artemisinin sensitivity in cells lacking the KDAC Rpd3p. FEBS Letters, 2014, 588, 4018-4025.	1.3	10
41	Manganese Transport, Trafficking and Function in Invertebrates. Issues in Toxicology, 2014, , 1-33.	0.2	10
42	Novel SOX10 Mutations in Waardenburg Syndrome: Functional Characterization and Genotype-Phenotype Analysis. Frontiers in Genetics, 2020, 11, 589784.	1.1	10
43	MITF variants cause nonsyndromic sensorineural hearing loss with autosomal recessive inheritance. Scientific Reports, 2020, 10, 12712.	1.6	9
44	Deletion of Mitochondrial Porin Alleviates Stress Sensitivity in the Yeast Model of Shwachman-Diamond Syndrome. Journal of Genetics and Genomics, 2015, 42, 671-684.	1.7	8
45	FungicideXylariasp. BCC 1067 extract induces reactive oxygen species and activates multidrug resistance system inSaccharomyces cerevisiae. Future Microbiology, 2017, 12, 417-440.	1.0	7
46	Decreased accumulation of superoxide dismutase 2 within mitochondria in the yeast model of Shwachmanâ€Ðiamond syndrome. Journal of Cellular Biochemistry, 2019, 120, 13867-13880.	1.2	7
47	Overexpression of the peroxin Pex34p suppresses impaired acetate utilization in yeast lacking the mitochondrial aspartate/glutamate carrier Agc1p. FEMS Yeast Research, 2019, 19, .	1.1	4
48	Chemical-Genetic Interactions of Bacopa monnieri Constituents in Cells Deficient for the DNA Repair Endonuclease RAD1 Appear Linked to Vacuolar Disruption. Molecules, 2021, 26, 1207.	1.7	4
49	Possible Role of the Ca2+/Mn2+ P-Type ATPase Pmr1p on Artemisinin Toxicity through an Induction of Intracellular Oxidative Stress. Molecules, 2019, 24, 1233.	1.7	2
50	Genetic Analysis of Peroxisomal Genes Required for Longevity in a Yeast Model of Citrin Deficiency. Diseases (Basel, Switzerland), 2020, 8, 2.	1.0	2
51	Interrogation of ethnomedicinal plants for synthetic lethality effects in combination with deficiency in the DNA repair endonuclease RAD1 using a yeast cell-based assay. Journal of Ethnopharmacology, 2018, 223, 10-21.	2.0	1
52	Disruption in iron homeostasis and impaired activity of iron-sulfur cluster containing proteins in the yeast model of Shwachman-Diamond syndrome. Cell and Bioscience, 2020, 10, 105.	2.1	1
53	The growth inhibitory activity of metallothionein-3 correlates with its novel Î² domain sequence rather than metal binding properties. , 1999, , 51-54.		0