Amanda J Bird

List of Publications by Year
in descending order

35 papers	1,763 citations	304743 22 h-index	414414 32 g-index
36 all docs	36 docs citations	36 times ranked	1993 citing authors

#	Article	IF	Citations
1	Metal-Responsive Transcription Factors That Regulate Iron, Zinc, and Copper Homeostasis in Eukaryotic Cells. Eukaryotic Cell, 2004, 3, 1-13.	3.4	244
2	Zinc fingers can act as Zn2+ sensors to regulate transcriptional activation domain function. EMBO Journal, 2003, 22, 5137-5146.	7.8	108
3	Evidence for a Pro-oxidant Intermediate in the Assembly of Cytochrome Oxidase*. Journal of Biological Chemistry, 2007, 282, 17442-17449.	3.4	105
4	Two-Photon Near Infrared Fluorescent Turn-On Probe Toward Cysteine and Its Imaging Applications. ACS Sensors, 2016, 1, 882-887.	7.8	104
5	Repression of ADH1 and ADH3 during zinc deficiency by Zap1-induced intergenic RNA transcripts. EMBO Journal, 2006, 25, 5726-5734.	7.8	100
6	Zinc binding to a regulatory zinc-sensing domain monitored in vivo by using FRET. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8674-8679.	7.1	89
7	Zinc'ing sensibly: controlling zinc homeostasis at the transcriptional level. Metallomics, 2014, 6, 1198-1215.	2.4	84
8	Differential control of Zap1-regulated genes in response to zinc deficiency in Saccharomyces cerevisiae. BMC Genomics, 2008, 9, 370.	2.8	78
9	A dual role for zinc fingers in both DNA binding and zinc sensing by the Zap1 transcriptional activator. EMBO Journal, 2000, 19, 3704-3713.	7.8	75
10	The Zap1 transcriptional activator also acts as a repressor by binding downstream of the TATA box in ZRT2. EMBO Journal, 2004, 23, 1123-1132.	7.8	74
11	Independent Metalloregulation of Ace1 and Mac1 in Saccharomyces cerevisiae. Eukaryotic Cell, 2005, 4, 1863-1871.	3.4	74
12	Regulation of the Yeast TSA1 Peroxiredoxin by ZAP1 Is an Adaptive Response to the Oxidative Stress of Zinc Deficiency. Journal of Biological Chemistry, 2007, 282, 2184-2195.	3.4	67
13	Hammering out details: regulating metal levels in eukaryotes. Trends in Biochemical Sciences, 2011, 36, 524-531.	7.5	53
14	Mapping the DNA Binding Domain of the Zap1 Zinc-responsive Transcriptional Activator. Journal of Biological Chemistry, 2000, 275, 16160-16166.	3.4	50
15	Zinc sensing and regulation in yeast model systems. Archives of Biochemistry and Biophysics, 2016, 611, 30-36.	3.0	50
16	Repression of Sulfate Assimilation Is an Adaptive Response of Yeast to the Oxidative Stress of Zinc Deficiency. Journal of Biological Chemistry, 2009, 284, 27544-27556.	3.4	46
17	Cellular sensing and transport of metal ions: implications in micronutrient homeostasis. Journal of Nutritional Biochemistry, 2015, 26, 1103-1115.	4.2	46
18	Zinc finger protein Loz1 is required for zinc-responsive regulation of gene expression in fission yeast. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15371-15376.	7.1	42

#	Article	IF	Citations
19	Zap1 activation domain 1 and its role in controlling gene expression in response to cellular zinc status. Molecular Microbiology, 2005, 57, 834-846.	2.5	41
20	Zinc-Regulated DNA Binding of the Yeast Zap1 Zinc-Responsive Activator. PLoS ONE, 2011, 6, e22535.	2.5	39
21	The gluconate shunt is an alternative route for directing glucose into the pentose phosphate pathway in fission yeast. Journal of Biological Chemistry, 2017, 292, 13823-13832.	3.4	25
22	Zinc transporters belonging to the Cation Diffusion Facilitator (CDF) family have complementary roles in transporting zinc out of the cytosol. PLoS Genetics, 2018, 14, e1007262.	3.5	23
23	The Metabolism and Potential Bioactivity of Chlorophyll and Metalloâ€chlorophyll Derivatives in the Gastrointestinal Tract. Molecular Nutrition and Food Research, 2021, 65, e2000761.	3.3	22
24	Zinc-dependent Regulation of the adh1 Antisense Transcript in Fission Yeast. Journal of Biological Chemistry, 2013, 288, 759-769.	3.4	21
25	Zinc homeostasis in the secretory pathway in yeast. Current Opinion in Chemical Biology, 2020, 55, 145-150.	6.1	21
26	Metallosensors, The Ups and Downs of Gene Regulation. Advances in Microbial Physiology, 2007, 53, 231-267.	2.4	20
27	A Carboxyl-terminal Cys2/His2-type Zinc-finger Motif in DNA Primase Influences DNA Content inSynechococcus PCC 7942. Journal of Biological Chemistry, 1998, 273, 21246-21252.	3.4	18
28	Zinc Metalloregulation of the Zinc Finger Pair Domain. Journal of Biological Chemistry, 2006, 281, 25326-25335.	3.4	17
29	The Double Zinc Finger Domain and Adjacent Accessory Domain from the Transcription Factor Loss of Zinc Sensing 1 (Loz1) Are Necessary for DNA Binding and Zinc Sensing. Journal of Biological Chemistry, 2014, 289, 18087-18096.	3.4	15
30	Zinc-dependent activation of the Pho8 alkaline phosphatase in Schizosaccharomyces pombe. Journal of Biological Chemistry, 2019, 294, 12392-12404.	3.4	6
31	The Loz1 transcription factor from <i>Schizosaccharomyces pombe</i> binds to Loz1 response elements and represses gene expression when zinc is in excess. Molecular Microbiology, 2019, 112, 1701-1717.	2.5	3
32	Zinc Signals in Biology. , 2019, , 389-410.		2
33	The Zap1 transcriptional activator negatively regulates translation of the <i>RTC4</i> mRNA through the use of alternative 5â€² transcript leaders. Molecular Microbiology, 2017, 106, 673-677.	2.5	1
34	Zinc Availability-Dependent Unfolding of Loz1 Zinc Finger. Biophysical Journal, 2018, 114, 406a.	0.5	0
35	Zincâ€regulated gene expression in Schizosaccharomyces pombe (818.4). FASEB Journal, 2014, 28, 818.4.	0.5	0