

# Amanda J Bird

## List of Publications by Year in descending order

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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	The Metabolism and Potential Bioactivity of Chlorophyll and Metallochlorophyll Derivatives in the Gastrointestinal Tract. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000761.	3.3	22
2	Zinc homeostasis in the secretory pathway in yeast. <i>Current Opinion in Chemical Biology</i> , 2020, 55, 145-150.	6.1	21
3	The Loz1 transcription factor from <i>Schizosaccharomyces pombe</i> binds to Loz1 response elements and represses gene expression when zinc is in excess. <i>Molecular Microbiology</i> , 2019, 112, 1701-1717.	2.5	3
4	Zinc-dependent activation of the Pho8 alkaline phosphatase in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 12392-12404.	3.4	6
5	Zinc Signals in Biology. , 2019, , 389-410.		2
6	Zinc Availability-Dependent Unfolding of Loz1 Zinc Finger. <i>Biophysical Journal</i> , 2018, 114, 406a.	0.5	0
7	Zinc transporters belonging to the Cation Diffusion Facilitator (CDF) family have complementary roles in transporting zinc out of the cytosol. <i>PLoS Genetics</i> , 2018, 14, e1007262.	3.5	23
8	The Zap1 transcriptional activator negatively regulates translation of the <i>RTC4</i> mRNA through the use of alternative 5' cap transcripts. <i>Molecular Microbiology</i> , 2017, 106, 673-677.	2.5	1
9	The gluconate shunt is an alternative route for directing glucose into the pentose phosphate pathway in fission yeast. <i>Journal of Biological Chemistry</i> , 2017, 292, 13823-13832.	3.4	25
10	Two-Photon Near Infrared Fluorescent Turn-On Probe Toward Cysteine and Its Imaging Applications. <i>ACS Sensors</i> , 2016, 1, 882-887.	7.8	104
11	Zinc sensing and regulation in yeast model systems. <i>Archives of Biochemistry and Biophysics</i> , 2016, 611, 30-36.	3.0	50
12	Cellular sensing and transport of metal ions: implications in micronutrient homeostasis. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1103-1115.	4.2	46
13	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. <i>Journal of Biological Chemistry</i> , 2014, 289, 18087-18096.	3.4	15
14	Zinc'ing sensibly: controlling zinc homeostasis at the transcriptional level. <i>Metallomics</i> , 2014, 6, 1198-1215.	2.4	84
15	Zinc-regulated gene expression in <i>Schizosaccharomyces pombe</i> (818.4). <i>FASEB Journal</i> , 2014, 28, 818.4.	0.5	0
16	Zinc finger protein Loz1 is required for zinc-responsive regulation of gene expression in fission yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15371-15376.	7.1	42
17	Zinc-dependent Regulation of the <i>adh1</i> Antisense Transcript in Fission Yeast. <i>Journal of Biological Chemistry</i> , 2013, 288, 759-769.	3.4	21
18	Hammering out details: regulating metal levels in eukaryotes. <i>Trends in Biochemical Sciences</i> , 2011, 36, 524-531.	7.5	53

#	ARTICLE	IF	CITATIONS
19	Zinc-Regulated DNA Binding of the Yeast Zap1 Zinc-Responsive Activator. PLoS ONE, 2011, 6, e22535.	2.5	39
20	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
21	Differential control of Zap1-regulated genes in response to zinc deficiency in <i>Saccharomyces cerevisiae</i> . BMC Genomics, 2008, 9, 370.	2.8	78
22	Evidence for a Pro-oxidant Intermediate in the Assembly of Cytochrome Oxidase*. Journal of Biological Chemistry, 2007, 282, 17442-17449.	3.4	105
23	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
24	Metallosensors, The Ups and Downs of Gene Regulation. Advances in Microbial Physiology, 2007, 53, 231-267.	2.4	20
25	Repression of ADH1 and ADH3 during zinc deficiency by Zap1-induced intergenic RNA transcripts. EMBO Journal, 2006, 25, 5726-5734.	7.8	100
26	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
27	Zinc Metalloregulation of the Zinc Finger Pair Domain. Journal of Biological Chemistry, 2006, 281, 25326-25335.	3.4	17
28	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
29	Independent Metalloregulation of Ace1 and Mac1 in <i>Saccharomyces cerevisiae</i> . Eukaryotic Cell, 2005, 4, 1863-1871.	3.4	74
30	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
31	Metal-Responsive Transcription Factors That Regulate Iron, Zinc, and Copper Homeostasis in Eukaryotic Cells. Eukaryotic Cell, 2004, 3, 1-13.	3.4	244
32	Zinc fingers can act as Zn <sup>2+</sup> sensors to regulate transcriptional activation domain function. EMBO Journal, 2003, 22, 5137-5146.	7.8	108
33	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
34	Mapping the DNA Binding Domain of the Zap1 Zinc-responsive Transcriptional Activator. Journal of Biological Chemistry, 2000, 275, 16160-16166.	3.4	50
35	A Carboxyl-terminal Cys2/His2-type Zinc-finger Motif in DNA Primase Influences DNA Content in <i>Synechococcus</i> PCC 7942. Journal of Biological Chemistry, 1998, 273, 21246-21252.	3.4	18