

David T Auble

List of Publications by Year in descending order

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42
papers

1,702
citations

279798

23
h-index

289244

40
g-index

46
all docs

46
docs citations

46
times ranked

1884
citing authors

#	ARTICLE	IF	CITATIONS
1	Formaldehyde Crosslinking: A Tool for the Study of Chromatin Complexes. <i>Journal of Biological Chemistry</i> , 2015, 290, 26404-26411.	3.4	290
2	The AP-1 sequence is necessary but not sufficient for phorbol induction of collagenase in fibroblasts. <i>Biochemistry</i> , 1991, 30, 4629-4635.	2.5	160
3	Measuring Chromatin Interaction Dynamics on the Second Time Scale at Single-Copy Genes. <i>Science</i> , 2013, 342, 369-372.	12.6	83
4	Mot1 activates and represses transcription by direct, ATPase-dependent mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2666-2671.	7.1	82
5	Structure and mechanism of the Swi2/Snf2 remodeller Mot1 in complex with its substrate TBP. <i>Nature</i> , 2011, 475, 403-407.	27.8	73
6	Regulation of TATA-binding protein dynamics in living yeast cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13304-13308.	7.1	70
7	Cloning and Biochemical Characterization of TAF-172, a Human Homolog of Yeast Mot1. <i>Molecular and Cellular Biology</i> , 1998, 18, 1701-1710.	2.3	69
8	Promoter recognition by Escherichia coli RNA polymerase. <i>Journal of Molecular Biology</i> , 1989, 207, 749-756.	4.2	63
9	Promoter recognition by Escherichia coli RNA polymerase. <i>Journal of Molecular Biology</i> , 1988, 202, 471-482.	4.2	56
10	MOT1 Can Activate Basal Transcription In Vitro by Regulating the Distribution of TATA Binding Protein between Promoter and Nonpromoter Sites. <i>Molecular and Cellular Biology</i> , 1999, 19, 2835-2845.	2.3	56
11	The NEF4 Complex Regulates Rad4 Levels and Utilizes Snf2/Swi2-Related ATPase Activity for Nucleotide Excision Repair. <i>Molecular and Cellular Biology</i> , 2004, 24, 6362-6378.	2.3	56
12	Mot1-mediated control of transcription complex assembly and activity. <i>EMBO Journal</i> , 2005, 24, 1717-1729.	7.8	49
13	Sir Antagonist 1 (San1) Is a Ubiquitin Ligase. <i>Journal of Biological Chemistry</i> , 2004, 279, 26830-26838.	3.4	47
14	Genome-wide Analysis of ARS (Autonomously Replicating Sequence) Binding Factor 1 (Abf1p)-mediated Transcriptional Regulation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 34865-34872.	3.4	43
15	Mot1 Regulates the DNA Binding Activity of Free TATA-binding Protein in an ATP-dependent Manner. <i>Journal of Biological Chemistry</i> , 2003, 278, 13216-13226.	3.4	42
16	Snf2/Swi2-related ATPase Mot1 drives displacement of TATA-binding protein by gripping DNA. <i>EMBO Journal</i> , 2006, 25, 1492-1504.	7.8	39
17	Regulation of Collagenase Gene Expression in Synovial Fibroblasts. <i>Annals of the New York Academy of Sciences</i> , 1990, 580, 355-374.	3.8	36
18	Differential regulation of collagenase gene expression by retinoic acid receptors $\hat{1}$, $\hat{2}$ and $\hat{3}$. <i>Nucleic Acids Research</i> , 1992, 20, 3105-3111.	14.5	35

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19	The Modifier of Transcription 1 (Mot1) ATPase and Spt16 Histone Chaperone Co-regulate Transcription through Preinitiation Complex Assembly and Nucleosome Organization. <i>Journal of Biological Chemistry</i> , 2016, 291, 15307-15319.	3.4	33
20	The Rad23 ubiquitin receptor, the proteasome and functional specificity in transcriptional control. <i>Transcription</i> , 2010, 1, 22-26.	3.1	27
21	An evolutionarily "young" lysine residue in histone H3 attenuates transcriptional output in <i>Saccharomyces cerevisiae</i> . <i>Genes and Development</i> , 2011, 25, 1306-1319.	5.9	27
22	Testing for DNA Tracking by MOT1, a SNF2/SWI2 Protein Family Member. <i>Molecular and Cellular Biology</i> , 1999, 19, 412-423.	2.3	24
23	The Snf1 kinase and proteasome-associated Rad23 regulate UV-responsive gene expression. <i>EMBO Journal</i> , 2009, 28, 2919-2931.	7.8	24
24	Histone H3 lysine 4 methylation signature associated with human undernutrition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11264-E11273.	7.1	23
25	The dynamic personality of TATA-binding protein. <i>Trends in Biochemical Sciences</i> , 2009, 34, 49-52.	7.5	21
26	Structural basis for recognition and remodeling of the TBP:DNA:NC2 complex by Mot1. <i>ELife</i> , 2015, 4, .	6.0	19
27	Function and Structural Organization of Mot1 Bound to a Natural Target Promoter. <i>Journal of Biological Chemistry</i> , 2008, 283, 24935-24948.	3.4	15
28	One small step for Mot1; one giant leap for other Swi2/Snf2 enzymes?. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 488-496.	1.9	15
29	Transcriptomes of six mutants in the Sen1 pathway reveal combinatorial control of transcription termination across the <i>Saccharomyces cerevisiae</i> genome. <i>PLoS Genetics</i> , 2017, 13, e1006863.	3.5	14
30	Regulation of rRNA Synthesis by TATA-Binding Protein-Associated Factor Mot1. <i>Molecular and Cellular Biology</i> , 2007, 27, 2886-2896.	2.3	13
31	Second-generation method for analysis of chromatin binding with formaldehyde "cross-linking kinetics. <i>Journal of Biological Chemistry</i> , 2017, 292, 19338-19355.	3.4	13
32	RNA synthesis precision is regulated by preinitiation complex turnover. <i>Genome Research</i> , 2010, 20, 1679-1688.	5.5	12
33	Two-step Mechanism for Modifier of Transcription 1 (Mot1) Enzyme-catalyzed Displacement of TATA-binding Protein (TBP) from DNA. <i>Journal of Biological Chemistry</i> , 2012, 287, 9002-9012.	3.4	12
34	Conformational changes and catalytic inefficiency associated with Mot1-mediated TBP "DNA dissociation. <i>Nucleic Acids Research</i> , 2019, 47, 2793-2806.	14.5	11
35	TATA-binding Protein Variants That Bypass the Requirement for Mot1 in Vivo. <i>Journal of Biological Chemistry</i> , 2009, 284, 4525-4535.	3.4	9
36	Analysis of chromatin binding dynamics using the crosslinking kinetics (CLK) method. <i>Methods</i> , 2014, 70, 97-107.	3.8	9

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37	RNA synthesis is associated with multiple TBP-chromatin binding events. <i>Scientific Reports</i> , 2017, 7, 39631.	3.3	7
38	MYBL2-Driven Transcriptional Programs Link Replication Stress and Error-prone DNA Repair With Genomic Instability in Lung Adenocarcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 585551.	2.8	7
39	Histone H3 lysine 27 acetylation profile undergoes two global shifts in undernourished children and suggests altered one-carbon metabolism. <i>Clinical Epigenetics</i> , 2021, 13, 182.	4.1	7
40	Molecular Mechanism of Mot1, a TATA-binding Protein (TBP)-DNA Dissociating Enzyme. <i>Journal of Biological Chemistry</i> , 2016, 291, 15714-15726.	3.4	6
41	Crystal structure of the full Swi2/Snf2 remodeler Mot1 in the resting state. <i>ELife</i> , 2018, 7, .	6.0	4
42	An Improved Method for Measuring Chromatin-binding Dynamics Using Time-dependent Formaldehyde Crosslinking. <i>Bio-protocol</i> , 2018, 8, .	0.4	1