

Mordechai Choder

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,715
citations

430442

18
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

1860
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytoplasmic 5'→3' exonuclease Xrn1p is also a genome-wide transcription factor in yeast. <i>Frontiers in Genetics</i> , 2014, 5, 1.	1.1	427
2	RNA Polymerase II Subunits Link Transcription and mRNA Decay to Translation. <i>Cell</i> , 2010, 143, 552-563.	13.5	169
3	The RNA polymerase II subunit Rpb4p mediates decay of a specific class of mRNAs. <i>Genes and Development</i> , 2005, 19, 3004-3016.	2.7	118
4	Transcription in the nucleus and mRNA decay in the cytoplasm are coupled processes. <i>Genes and Development</i> , 2008, 22, 2022-2027.	2.7	110
5	Rpb4 and Rpb7: subunits of RNA polymerase II and beyond. <i>Trends in Biochemical Sciences</i> , 2004, 29, 674-681.	3.7	98
6	The Rpb7p subunit of yeast RNA polymerase II plays roles in the two major cytoplasmic mRNA decay mechanisms. <i>Journal of Cell Biology</i> , 2007, 178, 1133-1143.	2.3	93
7	The fate of the messenger is pre-determined: A new model for regulation of gene expression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 643-653.	0.9	91
8	Transcriptome Kinetics Is Governed by a Genome-Wide Coupling of mRNA Production and Degradation: A Role for RNA Pol II. <i>PLoS Genetics</i> , 2011, 7, e1002273.	1.5	79
9	Rpb7 Can Interact with RNA Polymerase II and Support Transcription during Some Stresses Independently of Rpb4. <i>Molecular and Cellular Biology</i> , 1999, 19, 2672-2680.	1.1	62
10	Rpb4p, a Subunit of RNA Polymerase II, Mediates mRNA Export during Stress. <i>Molecular Biology of the Cell</i> , 2003, 14, 2744-2755.	0.9	61
11	mRNA imprinting. <i>Cellular Logistics</i> , 2011, 1, 37-40.	0.9	60
12	Rpb4, a Subunit of RNA Polymerase II, Enables the Enzyme To Transcribe at Temperature Extremes In Vitro. <i>Journal of Bacteriology</i> , 1998, 180, 6187-6192.	1.0	53
13	Nucleocytoplasmic Shuttling of the Rpb4p and Rpb7p Subunits of <i>Saccharomyces cerevisiae</i> RNA Polymerase II by Two Pathways. <i>Eukaryotic Cell</i> , 2006, 5, 2092-2103.	3.4	51
14	The eukaryotic transcriptional machinery regulates mRNA translation and decay in the cytoplasm. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 169-173.	0.9	47
15	<i>Saccharomyces cerevisiae</i> colony growth and ageing: biphasic growth accompanied by changes in gene expression. <i>Yeast</i> , 1999, 15, 1159-1169.	0.8	39
16	The exonuclease Xrn1 activates transcription and translation of mRNAs encoding membrane proteins. <i>Nature Communications</i> , 2019, 10, 1298.	5.8	36
17	Conceptual Modeling of mRNA Decay Provokes New Hypotheses. <i>PLoS ONE</i> , 2014, 9, e107085.	1.1	27
18	The yeast exoribonuclease Xrn1 and associated factors modulate RNA polymerase II processivity in 5' and 3' gene regions. <i>Journal of Biological Chemistry</i> , 2020, 295, 11435-11454.	1.6	25

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19	Eukaryotic Translation Initiation Factor 4E-Dependent Translation Is Not Essential for Survival of Starved Yeast Cells. <i>Journal of Bacteriology</i> , 2001, 183, 4477-4483.	1.0	18
20	Dissociation of Rpb4 from RNA polymerase II is important for yeast functionality. <i>PLoS ONE</i> , 2018, 13, e0206161.	1.1	18
21	Numerous Post-translational Modifications of RNA Polymerase II Subunit Rpb4/7 Link Transcription to Post-transcriptional Mechanisms. <i>Cell Reports</i> , 2021, 34, 108578.	2.9	14
22	Pheromone-encoding mRNA is transported to the yeast mating projection by specific RNP granules. <i>Journal of Cell Biology</i> , 2015, 209, 829-842.	2.3	13
23	Cognition-Based Visualization of the Dynamics of Conceptual Models: The Vivid OPM Scene Player. <i>Systems Engineering</i> , 2015, 18, 431-440.	1.6	5