

Rosa MÂ^a Luna Varo

List of Publications by Year in descending order

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28
papers

1,999
citations

304743

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501196

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docs citations

28
times ranked

2180
citing authors

#	ARTICLE	IF	CITATIONS
1	The yeast THO complex and mRNA export factors link RNA metabolism with transcription and genome instability. <i>EMBO Journal</i> , 2002, 21, 3526-3535.	7.8	232
2	Genome Instability and Transcription Elongation Impairment in Human Cells Depleted of THO/TREX. <i>PLoS Genetics</i> , 2011, 7, e1002386.	3.5	194
3	Human securin interacts with p53 and modulates p53-mediated transcriptional activity and apoptosis. <i>Nature Genetics</i> , 2002, 32, 306-311.	21.4	178
4	Expression, tissue distribution and subcellular localization of dehydrin TAS14 in salt-stressed tomato plants. <i>Plant Molecular Biology</i> , 1994, 26, 1921-1934.	3.9	159
5	The THP1-SAC3-SUS1-CDC31 Complex Works in Transcription Elongation-mRNA Export Preventing RNA-mediated Genome Instability. <i>Molecular Biology of the Cell</i> , 2008, 19, 4310-4318.	2.1	128
6	Interdependence between Transcription and mRNP Processing and Export, and Its Impact on Genetic Stability. <i>Molecular Cell</i> , 2005, 18, 711-722.	9.7	105
7	Cell cycle regulated expression and phosphorylation of hpttg proto-oncogene product. <i>Oncogene</i> , 2000, 19, 403-409.	5.9	99
8	Biogenesis of mRNPs: integrating different processes in the eukaryotic nucleus. <i>Chromosoma</i> , 2008, 117, 319-331.	2.2	94
9	Human <sc>THO</sc> –Sin3A interaction reveals new mechanisms to prevent R-loops that cause genome instability. <i>EMBO Journal</i> , 2017, 36, 3532-3547.	7.8	91
10	Nab2p and the Thp1p-Sac3p Complex Functionally Interact at the Interface between Transcription and mRNA Metabolism. <i>Journal of Biological Chemistry</i> , 2003, 278, 24225-24232.	3.4	89
11	New clues to understand the role of THO and other functionally related factors in mRNP biogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 514-520.	1.9	75
12	Enhanced apoptosis in the thymus of transgenic mice expressing constitutively activated forms of human Rac2GTPase. <i>Oncogene</i> , 1997, 15, 601-605.	5.9	68
13	Differential expression of THOC1 and ALY mRNP biogenesis/export factors in human cancers. <i>BMC Cancer</i> , 2011, 11, 77.	2.6	64
14	A novel assay identifies transcript elongation roles for the Nup84 complex and RNA processing factors. <i>EMBO Journal</i> , 2011, 30, 1953-1964.	7.8	50
15	Tho1, a Novel hnRNP, and Sub2 Provide Alternative Pathways for mRNP Biogenesis in Yeast THO Mutants. <i>Molecular and Cellular Biology</i> , 2006, 26, 4387-4398.	2.3	41
16	R-Loop Mediated Transcription-Associated Recombination in trf4 ^Δ Mutants Reveals New Links between RNA Surveillance and Genome Integrity. <i>PLoS ONE</i> , 2013, 8, e65541.	2.5	37
17	An hpr1 Point Mutation That Impairs Transcription and mRNP Biogenesis without Increasing Recombination. <i>Molecular and Cellular Biology</i> , 2006, 26, 7451-7465.	2.3	36
18	Characterization of two highly similar rad51 homologs of <i>Physcomitrella patens</i> . <i>Journal of Molecular Biology</i> , 2002, 316, 35-49.	4.2	35

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19	Nab2 functions in the metabolism of RNA driven by polymerases II and III. <i>Molecular Biology of the Cell</i> , 2011, 22, 2729-2740.	2.1	33
20	Different physiological relevance of yeast THO/TREX subunits in gene expression and genome integrity. <i>Molecular Genetics and Genomics</i> , 2008, 279, 123-132.	2.1	32
21	The THO Complex as a Paradigm for the Prevention of Cotranscriptional R-Loops. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 105-114.	1.1	30
22	Structure of the dehydrin tas 14 gene of tomato and its developmental and environmental regulation in transgenic tobacco. <i>Plant Molecular Biology</i> , 1996, 32, 453-460.	3.9	29
23	The SWI/SNF protein BAF60b is ubiquitinated through a signalling process involving Rac GTPase and the RING finger protein Unkempt. <i>FEBS Journal</i> , 2010, 277, 1453-1464.	4.7	22
24	Excess of Yra1 RNA-Binding Factor Causes Transcription-Dependent Genome Instability, Replication Impairment and Telomere Shortening. <i>PLoS Genetics</i> , 2016, 12, e1005966.	3.5	21
25	A genome-wide function of THSC/TREX-2 at active genes prevents transcriptionâ€“replication collisions. <i>Nucleic Acids Research</i> , 2014, 42, 12000-12014.	14.5	17
26	Transcription at the proximity of the nuclear pore: A role for the THP1-SAC3-SUS1-CDC31 (THSC) complex. <i>RNA Biology</i> , 2009, 6, 145-148.	3.1	16
27	Depletion of the MFAP1/SPP381 Splicing Factor Causes R-Loop-Independent Genome Instability. <i>Cell Reports</i> , 2019, 28, 1551-1563.e7.	6.4	13
28	A reduction in RNA polymerase II initiation rate suppresses hyper-recombination and transcription-elongation impairment of THO mutants. <i>Molecular Genetics and Genomics</i> , 2008, 280, 327-336.	2.1	11