

Martin Kos

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,247
citations

236925

25
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

4804
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of mammalian translation by a ribosome-associated tRNA half. <i>RNA Biology</i> , 2020, 17, 1125-1136.	3.1	27
2	At least two molecules of the RNA helicase Has1 are simultaneously present in pre-ribosomes during ribosome biogenesis. <i>Nucleic Acids Research</i> , 2019, 47, 10852-10864.	14.5	13
3	Loss of the ribosomal RNA methyltransferase NSUN5 impairs global protein synthesis and normal growth. <i>Nucleic Acids Research</i> , 2019, 47, 11807-11825.	14.5	67
4	A ribosome assembly stress response regulates transcription to maintain proteome homeostasis. <i>ELife</i> , 2019, 8, .	6.0	124
5	NSUN5 methylates ribosomal RNA and modulates ribosome function in human cells. <i>Experimental Gerontology</i> , 2017, 94, 115-116.	2.8	0
6	Post-transcriptional regulation of ribosome biogenesis in yeast. <i>Microbial Cell</i> , 2017, 4, 179-181.	3.2	21
7	Tor1 and CK2 kinases control a switch between alternative ribosome biogenesis pathways in a growth-dependent manner. <i>PLoS Biology</i> , 2017, 15, e2000245.	5.6	54
8	Architecture of the 90S Pre-ribosome: A Structural View on the Birth of the Eukaryotic Ribosome. <i>Cell</i> , 2016, 166, 380-393.	28.9	184
9	Structural and functional evaluation of interaction between mammalian ribosomal RNA with platinum-containing antineoplastic drugs. <i>Toxicology Letters</i> , 2016, 242, 47-52.	0.8	6
10	Self-association of Trimethylguanosine Synthase Tgs1 is required for efficient snRNA/snoRNA trimethylation and pre-rRNA processing. <i>Scientific Reports</i> , 2015, 5, 11282.	3.3	6
11	Methylation of ribosomal RNA by NSUN5 is a conserved mechanism modulating organismal lifespan. <i>Nature Communications</i> , 2015, 6, 6158.	12.8	231
12	Fast protein-depletion system utilizing tetracycline repressible promoter and N-end rule in yeast. <i>Molecular Biology of the Cell</i> , 2015, 26, 762-768.	2.1	18
13	A cluster of methylations in the domain IV of 25S rRNA is required for ribosome stability. <i>Rna</i> , 2014, 20, 1632-1644.	3.5	64
14	An integrated approach for genome annotation of the eukaryotic thermophile <i>Chaetomium thermophilum</i> . <i>Nucleic Acids Research</i> , 2014, 42, 13525-13533.	14.5	55
15	Deletion of Swm2p selectively impairs trimethylation of snRNAs by trimethylguanosine synthase (Tgs1p). <i>FEBS Letters</i> , 2010, 584, 3299-3304.	2.8	8
16	RiboSys, a high-resolution, quantitative approach to measure the in vivo kinetics of pre-mRNA splicing and 3' end processing in <i>Saccharomyces cerevisiae</i> . <i>Rna</i> , 2010, 16, 2570-2580.	3.5	48
17	Yeast Pre-rRNA Processing and Modification Occur Cotranscriptionally. <i>Molecular Cell</i> , 2010, 37, 809-820.	9.7	258
18	Modelling co-transcriptional cleavage in the synthesis of yeast pre-rRNA. <i>Theoretical Computer Science</i> , 2008, 408, 41-54.	0.9	6

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19	Quantitative analysis of snoRNA association with pre-ribosomes and release of snR30 by Rok1 helicase. <i>EMBO Reports</i> , 2008, 9, 1230-1236.	4.5	72
20	Modelling Yeast Pre-rRNA Processing. <i>Lecture Notes in Computer Science</i> , 2007, , 32-47.	1.3	3
21	FLIPing heterokaryons to analyze nucleo-cytoplasmic shuttling of yeast proteins. <i>Rna</i> , 2006, 12, 921-930.	3.5	14
22	The Putative RNA Helicase Dbp4p Is Required for Release of the U14 snoRNA from Preribosomes in <i>Saccharomyces cerevisiae</i> . <i>Molecular Cell</i> , 2005, 20, 53-64.	9.7	83
23	Transcriptional complexes engaged by apo-estrogen receptor β isoforms have divergent outcomes. <i>EMBO Journal</i> , 2004, 23, 3653-3666.	7.8	97
24	Estrogen Receptor β Directs Ordered, Cyclical, and Combinatorial Recruitment of Cofactors on a Natural Target Promoter. <i>Cell</i> , 2003, 115, 751-763.	28.9	1,459
25	Down but not out? A novel protein isoform of the estrogen receptor alpha is expressed in the estrogen receptor alpha knockout mouse. <i>Journal of Molecular Endocrinology</i> , 2002, 29, 281-286.	2.5	74
26	A Novel Promoter Is Involved in the Expression of Estrogen Receptor β in Human Testis and Epididymis. <i>Endocrinology</i> , 2002, 143, 3397-3404.	2.8	30
27	A Dynamic Structural Model for Estrogen Receptor β Activation by Ligands, Emphasizing the Role of Interactions between Distant A and E Domains. <i>Molecular Cell</i> , 2002, 10, 1019-1032.	9.7	114
28	Upstream Open Reading Frames Regulate the Translation of the Multiple mRNA Variants of the Estrogen Receptor β . <i>Journal of Biological Chemistry</i> , 2002, 277, 37131-37138.	3.4	77
29	Human estrogen receptor β : regulation by synthesis, modification and degradation. <i>Cellular and Molecular Life Sciences</i> , 2002, 59, 821-831.	5.4	135
30	Tissue-specific expression of human ER β and ER α in the male. <i>Molecular and Cellular Endocrinology</i> , 2001, 178, 155-160.	3.2	41
31	Minireview: Genomic Organization of the Human ER β Gene Promoter Region. <i>Molecular Endocrinology</i> , 2001, 15, 2057-2063.	3.7	213
32	Minireview: Genomic Organization of the Human ER α Gene Promoter Region. <i>Molecular Endocrinology</i> , 2001, 15, 2057-2063.	3.7	144
33	ER α Gene Expression in Human Primary Osteoblasts: Evidence for the Expression of Two Receptor Proteins. <i>Molecular Endocrinology</i> , 2001, 15, 2064-2077.	3.7	92
34	Identification of a new isoform of the human estrogen receptor-alpha (hER-alpha) that is encoded by distinct transcripts and that is able to repress hER-alpha activation function 1. <i>EMBO Journal</i> , 2000, 19, 4688-4700.	7.8	349
35	Tissue-specific expression of multiple mRNA variants of the mouse estrogen receptor β gene. <i>FEBS Letters</i> , 2000, 477, 15-20.	2.8	54