Heike Krebber

List of Publications by Year in descending order

40 papers	1,954 citations	304743 22 h-index	302126 39 g-index
41 all docs	41 docs citations	41 times ranked	1990 citing authors

#	Article	IF	Citations
1	Human RanGTPase-activating protein RanGAP1 is a homologue of yeast Rna1p involved in mRNA processing and transport.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1749-1753.	7.1	253
2	Messenger RNAs are recruited for nuclear export during transcription. Genes and Development, 2001, 15, 1771-1782.	5.9	193
3	The Conserved Npl4 Protein Complex Mediates Proteasome-dependent Membrane-bound Transcription Factor Activation. Molecular Biology of the Cell, 2001, 12, 3226-3241.	2.1	147
4	The DEAD-Box RNA Helicase Dbp5 Functions in Translation Termination. Science, 2007, 315, 646-649.	12.6	118
5	The ironâ€“sulphur protein RNase L inhibitor functions in translation termination. EMBO Reports, 2010, 11, 214-219.	4.5	117
6	A member of the Ran-binding protein family, Yrb2p, is involved in nuclear protein export. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7427-7432.	7.1	97
7	Yeast Shuttling SR Proteins Npl3p, Gbp2p, and Hrb1p Are Part of the Translating mRNPs, and Npl3p Can Function as a Translational Repressor. Molecular and Cellular Biology, 2004, 24, 10479-10491.	2.3	89
8	Quality control of spliced mRNAs requires the shuttling SR proteins Gbp2 and Hrb1. Nature Communications, 2014, 5, 3123.	12.8	80
9	mRNA quality control is bypassed for immediate export of stress-responsive transcripts. Nature, 2016, 540, 593-596.	27.8	79
10	Uncoupling of the hnRNP Npl3p from mRNAs during the stress-induced block in mRNA export. Genes and Development, 1999, 13, 1994-2004.	5.9	71
11	DEAD-Box RNA Helicases in Bacillus subtilis Have Multiple Functions and Act Independently from Each Other. Journal of Bacteriology, 2013, 195, 534-544.	2.2	69
12	Sac3 Is an mRNA Export Factor That Localizes to Cytoplasmic Fibrils of Nuclear Pore Complex. Molecular Biology of the Cell, 2003, 14, 836-847.	2.1	65
13	Capturing the Asc1p/Receptor for Activated C Kinase 1 (RACK1) Microenvironment at the Head Region of the 40S Ribosome with Quantitative BioID in Yeast. Molecular and Cellular Proteomics, 2017, 16, 2199-2218.	3.8	63
14	Identification of Gbp2 as a novel poly(A) + RNAâ€binding protein involved in the cytoplasmic delivery of messenger RNAs in yeast. EMBO Reports, 2003, 4, 278-283.	4.5	52
15	Dbp5 â€" From nuclear export to translation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 791-798.	1.9	45
16	Differential Export Requirements for Shuttling Serine/Arginine-type mRNA-binding Proteins. Journal of Biological Chemistry, 2004, 279, 5049-5052.	3.4	44
17	Nuclear Pre-snRNA Export Is an Essential Quality Assurance Mechanism for Functional Spliceosomes. Cell Reports, 2019, 27, 3199-3214.e3.	6.4	41
18	A Subset of Histone H2B Genes Produces Polyadenylated mRNAs under a Variety of Cellular Conditions. PLoS ONE, 2013, 8, e63745.	2.5	40

#	Article	IF	Citations
19	Evidence for the existence of a single ubiquitin gene inGiardia lamblia. FEBS Letters, 1994, 343, 234-236.	2.8	31
20	The mRNA export factor Npl3 mediates the nuclear export of large ribosomal subunits. EMBO Reports, 2011, 12, 1024-1031.	4.5	31
21	Telomerase RNA TLC1 Shuttling to the Cytoplasm Requires mRNA Export Factors and Is Important for Telomere Maintenance. Cell Reports, 2014, 8, 1630-1638.	6.4	30
22	Translation termination depends on the sequential ribosomal entry of eRF1 and eRF3. Nucleic Acids Research, 2019, 47, 4798-4813.	14.5	28
23	Monosome Formation during Translation Initiation Requires the Serine/Arginine-Rich Protein Npl3. Molecular and Cellular Biology, 2013, 33, 4811-4823.	2.3	26
24	Nuclear Export of Pre-Ribosomal Subunits Requires Dbp5, but Not as an RNA-Helicase as for mRNA Export. PLoS ONE, 2016, 11, e0149571.	2.5	23
25	Quick or quality? How mRNA escapes nuclear quality control during stress. RNA Biology, 2017, 14, 1642-1648.	3.1	22
26	Localization of the Novel Serine/Threonine Protein Phosphatase 6 Gene (PPP6C) to Human Chromosome Xq22.3. Genomics, 1997, 41, 296-297.	2.9	16
27	Evolution of intron splicing towards optimized gene expression is based on various Cis- and Trans-molecular mechanisms. PLoS Biology, 2019, 17, e3000423.	5.6	14
28	Translation termination: New factors and insights. RNA Biology, 2010, 7, 548-550.	3.1	11
29	Dbp5/DDX19 between Translational Readthrough and Nonsense Mediated Decay. International Journal of Molecular Sciences, 2020, 21, 1085.	4.1	10
30	Nuclear SR-protein mediated mRNA quality control is continued in cytoplasmic nonsense-mediated decay. RNA Biology, 2021, 18, 1390-1407.	3.1	10
31	Ubiquitous expression and testis-specific alternative polyadenylation of mRNA for the human Ran GTPase activator RanGAP1. Gene, 1996, 180, 7-11.	2.2	8
32	Postâ€translational modification directs nuclear and hyphal tip localization of <scp>C</scp>andida albicans m<scp>RNA</scp>â€binding protein <scp>S</scp>lr1. Molecular Microbiology, 2017, 104, 499-519.	2.5	8
33	Localization of the Gene Encoding the Ran-Binding Protein RanBP2 to Human Chromosome 2q11â€“q13 by Fluorescencein SituHybridization. Genomics, 1997, 43, 247-248.	2.9	6
34	Directing proteins to nucleus by fusion to nuclear localization signal tags. Methods in Enzymology, 2000, 327, 283-296.	1.0	5
35	<scp>Saccharomyces cerevisiae</scp> Gle2/Rae1 is involved in septin organization, essential for cell cycle progression. Yeast, 2017, 34, 459-470.	1.7	4
36	Assignment of the Human Serine/Threonine Protein Phosphatase 4 Gene (PPP4C) to Chromosome 16p11â€“p12 by Fluorescencein SituHybridization. Genomics, 1997, 42, 181-182.	2.9	2

#	Article	IF	Citations
37	Hot trends erupting in the nuclear transport field. EMBO Reports, 2004, 5, 453-458.	4.5	2
38	Nuclear mRNA Quality Control and Cytoplasmic NMD Are Linked by the Guard Proteins Gbp2 and Hrb1. International Journal of Molecular Sciences, 2021, 22, 11275.	4.1	2
39	Unraveling the stepwise maturation of the yeast telomerase including a Cse1 and Mtr10 mediated quality control checkpoint. Scientific Reports, 2021, 11, 22174.	3.3	2
40	mRNA Export. , 2014, , 89-112.		0