

Claudia Schneider

List of Publications by Year in descending order

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2,080
citations

361413
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all docs

27
docs citations

27
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA exosome mutations in pontocerebellar hypoplasia alter ribosome biogenesis and p53 levels. Life Science Alliance, 2020, 3, e202000678.	2.8	17
2	Interactions and activities of factors involved in the late stages of human 18S rRNA maturation. RNA Biology, 2019, 16, 196-210.	3.1	17
3	Turnover of aberrant pre-40S pre-ribosomal particles is initiated by a novel endonucleolytic decay pathway. Nucleic Acids Research, 2018, 46, 4699-4714.	14.5	15
4	The ribosome biogenesis factor yUtp23/hUTP23 coordinates key interactions in the yeast and human pre-40S particle and hUTP23 contains an essential PIN domain. Nucleic Acids Research, 2017, 45, gkw1344.	14.5	23
5	RNA substrate length as an indicator of exosome interactions in vivo. Wellcome Open Research, 2017, 2, 34.	1.8	6
6	Transcriptome-wide analysis of alternative routes for RNA substrates into the exosome complex. PLoS Genetics, 2017, 13, e1006699.	3.5	40
7	The PIN domain endonuclease Utp24 cleaves pre-ribosomal RNA at two coupled sites in yeast and humans. Nucleic Acids Research, 2016, 44, 5399-5409.	14.5	53
8	The importance of ribosome production, and the 5S RNPâ€“MDM2 pathway, in health and disease. Biochemical Society Transactions, 2016, 44, 1086-1090.	3.4	65
9	Integrity of SRP RNA is ensured by La and the nuclear RNA quality control machinery. Nucleic Acids Research, 2014, 42, 10698-10710.	14.5	7
10	The roles of SSU processome components and surveillance factors in the initial processing of human ribosomal RNA. Rna, 2014, 20, 540-550.	3.5	61
11	Looking into the barrel of the RNA exosome. Nature Structural and Molecular Biology, 2014, 21, 17-18.	8.2	9
12	Threading the barrel of the RNA exosome. Trends in Biochemical Sciences, 2013, 38, 485-493.	7.5	120
13	Transcriptome-wide Analysis of Exosome Targets. Molecular Cell, 2012, 48, 422-433.	9.7	184
14	Comparison of the yeast and human nuclear exosome complexes. Biochemical Society Transactions, 2012, 40, 850-855.	3.4	37
15	Proofreading of pre-40S ribosome maturation by a translation initiation factor and 60S subunits. Nature Structural and Molecular Biology, 2012, 19, 744-753.	8.2	173
16	RNA Helicase Prp43 and Its Co-factor Pfa1 Promote 20 to 18 S rRNA Processing Catalyzed by the Endonuclease Nob1. Journal of Biological Chemistry, 2009, 284, 35079-35091.	3.4	166
17	The N-terminal PIN domain of the exosome subunit Rrp44 harbors endonuclease activity and tethers Rrp44 to the yeast core exosome. Nucleic Acids Research, 2009, 37, 1127-1140.	14.5	202
18	An Endoribonuclease Functionally Linked to Perinuclear mRNP Quality Control Associates with the Nuclear Pore Complexes. PLoS Biology, 2009, 7, e1000008.	5.6	53

#	ARTICLE	IF	CITATIONS
19	Minor spliceosome components are predominantly localized in the nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8655-8660.	7.1	39
20	The Exosome Subunit Rrp44 Plays a Direct Role in RNA Substrate Recognition. Molecular Cell, 2007, 27, 324-331.	9.7	135
21	The human 18S U11/U12 snRNP contains a set of novel proteins not found in the U2-dependent spliceosome. Rna, 2004, 10, 929-941.	3.5	137
22	Identification of an evolutionarily divergent U11 small nuclear ribonucleoprotein particle in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9584-9589.	7.1	25
23	Assembly and Maturation of the U3 snoRNP in the Nucleoplasm in a Large Dynamic Multiprotein Complex. Molecular Cell, 2004, 16, 789-798.	9.7	162
24	Human U4/U6.U5 and U4atac/U6atac.U5 Tri-snRNPs Exhibit Similar Protein Compositions. Molecular and Cellular Biology, 2002, 22, 3219-3229.	2.3	68
25	A novel U2 and U11/U12 snRNP protein that associates with the pre-mRNA branch site. EMBO Journal, 2001, 20, 4536-4546.	7.8	137
26	Identification of Both Shared and Distinct Proteins in the Major and Minor Spliceosomes. Science, 1999, 284, 2003-2005.	12.6	126
27	RNA substrate length as an indicator of exosome interactions in vivo. Wellcome Open Research, 0, 2, 34.	1.8	3