

Claudia Schneider

List of Publications by Year in descending order

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27
papers

2,080
citations

361413

20
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	The N-terminal PIN domain of the exosome subunit Rrp44 harbors endonuclease activity and tethers Rrp44 to the yeast core exosome. <i>Nucleic Acids Research</i> , 2009, 37, 1127-1140.	14.5	202
2	Transcriptome-wide Analysis of Exosome Targets. <i>Molecular Cell</i> , 2012, 48, 422-433.	9.7	184
3	Proofreading of pre-40S ribosome maturation by a translation initiation factor and 60S subunits. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 744-753.	8.2	173
4	RNA Helicase Prp43 and Its Co-factor Pfa1 Promote 20 to 18 S rRNA Processing Catalyzed by the Endonuclease Nob1. <i>Journal of Biological Chemistry</i> , 2009, 284, 35079-35091.	3.4	166
5	Assembly and Maturation of the U3 snoRNP in the Nucleoplasm in a Large Dynamic Multiprotein Complex. <i>Molecular Cell</i> , 2004, 16, 789-798.	9.7	162
6	A novel U2 and U11/U12 snRNP protein that associates with the pre-mRNA branch site. <i>EMBO Journal</i> , 2001, 20, 4536-4546.	7.8	137
7	The human 18S U11/U12 snRNP contains a set of novel proteins not found in the U2-dependent spliceosome. <i>Rna</i> , 2004, 10, 929-941.	3.5	137
8	The Exosome Subunit Rrp44 Plays a Direct Role in RNA Substrate Recognition. <i>Molecular Cell</i> , 2007, 27, 324-331.	9.7	135
9	Identification of Both Shared and Distinct Proteins in the Major and Minor Spliceosomes. <i>Science</i> , 1999, 284, 2003-2005.	12.6	126
10	Threading the barrel of the RNA exosome. <i>Trends in Biochemical Sciences</i> , 2013, 38, 485-493.	7.5	120
11	Human U4/U6.U5 and U4atac/U6atac.U5 Tri-snRNPs Exhibit Similar Protein Compositions. <i>Molecular and Cellular Biology</i> , 2002, 22, 3219-3229.	2.3	68
12	The importance of ribosome production, and the 5S RNP α -MDM2 pathway, in health and disease. <i>Biochemical Society Transactions</i> , 2016, 44, 1086-1090.	3.4	65
13	The roles of SSU processome components and surveillance factors in the initial processing of human ribosomal RNA. <i>Rna</i> , 2014, 20, 540-550.	3.5	61
14	An Endoribonuclease Functionally Linked to Perinuclear mRNP Quality Control Associates with the Nuclear Pore Complexes. <i>PLoS Biology</i> , 2009, 7, e1000008.	5.6	53
15	The PIN domain endonuclease Utp24 cleaves pre-ribosomal RNA at two coupled sites in yeast and humans. <i>Nucleic Acids Research</i> , 2016, 44, 5399-5409.	14.5	53
16	Transcriptome-wide analysis of alternative routes for RNA substrates into the exosome complex. <i>PLoS Genetics</i> , 2017, 13, e1006699.	3.5	40
17	Minor spliceosome components are predominantly localized in the nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8655-8660.	7.1	39
18	Comparison of the yeast and human nuclear exosome complexes. <i>Biochemical Society Transactions</i> , 2012, 40, 850-855.	3.4	37

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19	Identification of an evolutionarily divergent U11 small nuclear ribonucleoprotein particle in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9584-9589.	7.1	25
20	The ribosome biogenesis factor yUtp23/hUTP23 coordinates key interactions in the yeast and human pre-40S particle and hUTP23 contains an essential PIN domain. <i>Nucleic Acids Research</i> , 2017, 45, gkw1344.	14.5	23
21	Interactions and activities of factors involved in the late stages of human 18S rRNA maturation. <i>RNA Biology</i> , 2019, 16, 196-210.	3.1	17
22	RNA exosome mutations in pontocerebellar hypoplasia alter ribosome biogenesis and p53 levels. <i>Life Science Alliance</i> , 2020, 3, e202000678.	2.8	17
23	Turnover of aberrant pre-40S pre-ribosomal particles is initiated by a novel endonucleolytic decay pathway. <i>Nucleic Acids Research</i> , 2018, 46, 4699-4714.	14.5	15
24	Looking into the barrel of the RNA exosome. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 17-18.	8.2	9
25	Integrity of SRP RNA is ensured by La and the nuclear RNA quality control machinery. <i>Nucleic Acids Research</i> , 2014, 42, 10698-10710.	14.5	7
26	RNA substrate length as an indicator of exosome interactions in vivo. <i>Wellcome Open Research</i> , 2017, 2, 34.	1.8	6
27	RNA substrate length as an indicator of exosome interactions in vivo. <i>Wellcome Open Research</i> , 0, 2, 34.	1.8	3