

U Thomas Meier

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,224
citations

361413

20
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

1934
citing authors

#	ARTICLE	IF	CITATIONS
1	Nopp 140 shuttles on tracks between nucleolus and cytoplasm. <i>Cell</i> , 1992, 70, 127-138.	28.9	416
2	The many facets of H/ACA ribonucleoproteins. <i>Chromosoma</i> , 2005, 114, 1-14.	2.2	256
3	Architecture and assembly of mammalian H/ACA small nucleolar and telomerase ribonucleoproteins. <i>EMBO Journal</i> , 2004, 23, 1857-1867.	7.8	191
4	Stepwise RNP assembly at the site of H/ACA RNA transcription in human cells. <i>Journal of Cell Biology</i> , 2006, 173, 207-218.	5.2	161
5	Nopp140 Functions as a Molecular Link Between the Nucleolus and the Coiled Bodies. <i>Journal of Cell Biology</i> , 1998, 142, 319-329.	5.2	156
6	Conserved Composition of Mammalian Box H/ACA and Box C/D Small Nucleolar Ribonucleoprotein Particles and Their Interaction with the Common Factor Nopp140. <i>Molecular Biology of the Cell</i> , 2000, 11, 567-577.	2.1	115
7	RNA-guided isomerization of uridine to pseudouridine—pseudouridylation. <i>RNA Biology</i> , 2014, 11, 1483-1494.	3.1	107
8	SHQ1 is required prior to NAF1 for assembly of H/ACA small nucleolar and telomerase RNPs. <i>Rna</i> , 2009, 15, 1188-1197.	3.5	93
9	Comparison of the Rat Nucleolar Protein Nopp140 with Its Yeast Homolog SRP40. <i>Journal of Biological Chemistry</i> , 1996, 271, 19376-19384.	3.4	73
10	Immunopurified Small Nucleolar Ribonucleoprotein Particles Pseudouridylate rRNA Independently of Their Association with Phosphorylated Nopp140. <i>Molecular and Cellular Biology</i> , 2002, 22, 8457-8466.	2.3	71
11	Mechanism of the AAA+ ATPases pontin and reptin in the biogenesis of H/ACA RNPs. <i>Rna</i> , 2012, 18, 1833-1845.	3.5	71
12	RNA modification in Cajal bodies. <i>RNA Biology</i> , 2017, 14, 693-700.	3.1	67
13	Intranuclear endoplasmic reticulum induced by Nopp140 mimics the nucleolar channel system of human endometrium. <i>Journal of Cell Science</i> , 2001, 114, 4253-4264.	2.0	53
14	How a single protein complex accommodates many different H/ACA RNAs. <i>Trends in Biochemical Sciences</i> , 2006, 31, 311-315.	7.5	50
15	The H/ACA RNP assembly factor SHQ1 functions as an RNA mimic. <i>Genes and Development</i> , 2011, 25, 2398-2408.	5.9	50
16	The Nucleolar Channel System of Human Endometrium Is Related to Endoplasmic Reticulum and R-Rings. <i>Molecular Biology of the Cell</i> , 2007, 18, 2296-2304.	2.1	42
17	Pathogenic NAP57 mutations decrease ribonucleoprotein assembly in dyskeratosis congenita. <i>Human Molecular Genetics</i> , 2009, 18, 4546-4551.	2.9	36
18	The loss of the snoRNP chaperone Nopp140 from Cajal bodies of patient fibroblasts correlates with the severity of spinal muscular atrophy. <i>Human Molecular Genetics</i> , 2009, 18, 1181-1189.	2.9	32

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19	Nuclear pore complex proteins mark the implantation window in human endometrium. <i>Journal of Cell Science</i> , 2008, 121, 2037-2045.	2.0	29
20	Dynamic association and localization of human H/ACA RNP proteins. <i>Rna</i> , 2006, 12, 2057-2062.	3.5	25
21	Nopp140-mediated concentration of telomerase in Cajal bodies regulates telomere length. <i>Molecular Biology of the Cell</i> , 2019, 30, 3136-3150.	2.1	21
22	Localization of Nopp140 within mammalian cells during interphase and mitosis. <i>Histochemistry and Cell Biology</i> , 2009, 132, 129-140.	1.7	20
23	The nucleolar channel system reliably marks the midluteal endometrium regardless of fertility status: a fresh look at an old organelle. <i>Fertility and Sterility</i> , 2011, 95, 1385-1389.e1.	1.0	13
24	Pseudouridylation goes regulatory. <i>EMBO Journal</i> , 2011, 30, 3-4.	7.8	11
25	Timing the window of implantation by the nucleolar channel system prevalence matches the accuracy of the endometrial receptivity array. <i>Fertility and Sterility</i> , 2014, 102, 1477-1481.	1.0	11
26	Inherited SHQ1 mutations impair interaction with NAP57/dyskerin, a major target in dyskeratosis congenita. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 805-808.	1.2	11
27	Progesterone Threshold Determines Nucleolar Channel System Formation in Human Endometrium. <i>Reproductive Sciences</i> , 2014, 21, 915-920.	2.5	9
28	Nopp140-chaperoned 2'-O-methylation of small nuclear RNAs in Cajal bodies ensures splicing fidelity. <i>Genes and Development</i> , 2021, 35, 1123-1141.	5.9	9
29	Quantification of nucleolar channel systems: uniform presence throughout the upper endometrial cavity. <i>Fertility and Sterility</i> , 2013, 99, 558-564.	1.0	8
30	Status of nucleolar channel systems in uterine secretions accurately reflects their prevalence—a marker for the window of implantation—in simultaneously obtained endometrial biopsies. <i>Fertility and Sterility</i> , 2018, 109, 165-171.	1.0	8
31	Studying and Working with Ribonucleoproteins that Catalyze H/ACA Guided RNA Modification. , 0, , 162-174.		2
32	Presence of endometrial nucleolar channel systems at the time of frozen embryo transfer in hormone replacement cycles with successful implantation. <i>F&S Science</i> , 2021, 2, 80-87.	0.9	2
33	The many facets of H/ACA ribonucleoproteins. , 2005, 114, 1.		1
34	Localization of Nopp140 within mammalian cells during interphase and mitosis. , 2009, 132, 129.		1
35	Guide RNA acrobatics: the one-for-two shuffle. <i>Genes and Development</i> , 2022, 36, 1-3.	5.9	0