Ed Hurt

List of Publications by Year
in descending order

179 papers	19,746 citations	7096 78 h-index	12272 133 g-index
186 all docs	186 docs citations	186 times ranked	12373 citing authors

#	Article	IF	Citations
1	TREX is a conserved complex coupling transcription with messenger RNA export. Nature, 2002, 417, 304-308.	27.8	736
2	Exporting RNA from the nucleus to the cytoplasm. Nature Reviews Molecular Cell Biology, 2007, 8, 761-773.	37.0	644
3	The nuclear pore complex: understanding its function through structural insight. Nature Reviews Molecular Cell Biology, 2017, 18, 73-89.	37.0	511
4	The protein Aly links pre-messenger-RNA splicing to nuclear export in metazoans. Nature, 2000, 407, 401-405.	27.8	455
5	90S Pre-Ribosomes Include the 35S Pre-rRNA, the U3 snoRNP, and 40S Subunit Processing Factors but Predominantly Lack 60S Synthesis Factors. Molecular Cell, 2002, 10, 105-115.	9.7	427
6	Pre-ribosomes on the road from the nucleolus to the cytoplasm. Trends in Cell Biology, 2003, 13, 255-263.	7.9	427
7	Driving ribosome assembly. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 673-683.	4.1	411
8	The Mex67p-mediated nuclear mRNA export pathway is conserved from yeast to human. EMBO Journal, 1999, 18, 2593-2609.	7.8	387
9	Recruitment of the human TREX complex to mRNA during splicing. Genes and Development, 2005, 19, 1512-1517.	5.9	365
10	A Conserved mRNA Export Machinery Coupled to pre-mRNA Splicing. Cell, 2002, 108, 523-531.	28.9	360
11	Sus1, a Functional Component of the SAGA Histone Acetylase Complex and the Nuclear Pore-Associated mRNA Export Machinery. Cell, 2004, 116, 75-86.	28.9	330
12	60S pre-ribosome formation viewed from assembly in the nucleolus until export to the cytoplasm. EMBO Journal, 2002, 21, 5539-5547.	7.8	307
13	Identification of a 60S Preribosomal Particle that Is Closely Linked to Nuclear Export. Molecular Cell, 2001, 8, 517-529.	9.7	289
14	Molecular architecture of the inner ring scaffold of the human nuclear pore complex. Science, 2016, 352, 363-365.	12.6	284
15	Nuclear Export of 60S Ribosomal Subunits Depends on Xpo1p and Requires a Nuclear Export Sequence-Containing Factor, Nmd3p, That Associates with the Large Subunit Protein Rpl10p. Molecular and Cellular Biology, 2001, 21, 3405-3415.	2.3	283
16	Splicing factor Sub2p is required for nuclear mRNA export through its interaction with Yra1p. Nature, 2001, 413, 648-652.	27.8	271
17	Eukaryotic Ribosome Assembly. Annual Review of Biochemistry, 2019, 88, 281-306.	11.1	270
18	The path from nucleolar 90S to cytoplasmic 40S pre-ribosomes. EMBO Journal, 2003, 22, 1370-1380.	7.8	264

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19	Eukaryotic ribosome biogenesis at a glance. Journal of Cell Science, 2013, 126, 4815-4821.	2.0	263
20	Nuclear mRNA Export Requires Complex Formation between Mex67p and Mtr2p at the Nuclear Pores. Molecular and Cellular Biology, 1998, 18, 6826-6838.	2.3	248
21	The mRNA export machinery requires the novel Sac3p-Thp1p complex to dock at the nucleoplasmic entrance of the nuclear pores. EMBO Journal, 2002, 21, 5843-5852.	7.8	238
22	From nucleoporins to nuclear pore complexes. Current Opinion in Cell Biology, 1997, 9, 401-411.	5.4	236
23	A Proteome-wide Approach Identifies Sumoylated Substrate Proteins in Yeast. Journal of Biological Chemistry, 2004, 279, 41346-41351.	3.4	236
24	Insight into Structure and Assembly of the Nuclear Pore Complex by Utilizing the Genome of a Eukaryotic Thermophile. Cell, 2011, 146, 277-289.	28.9	232
25	Yeast Los1p Has Properties of an Exportin-Like Nucleocytoplasmic Transport Factor for tRNA. Molecular and Cellular Biology, 1998, 18, 6374-6386.	2.3	226
26	Maturation and Intranuclear Transport of Pre-Ribosomes Requires Noc Proteins. Cell, 2001, 105, 499-509.	28.9	206
27	Modular self-assembly of a Y-shaped multiprotein complex from seven nucleoporins. EMBO Journal, 2002, 21, 387-397.	7.8	203
28	Binding of the Mex67p/Mtr2p Heterodimer to Fxfg, Glfg, and Fg Repeat Nucleoporins Is Essential for Nuclear mRNA Export. Journal of Cell Biology, 2000, 150, 695-706.	5.2	200
29	Hrr25-dependent phosphorylation state regulates organization of the pre-40S subunit. Nature, 2006, 441, 651-655.	27.8	191
30	Eukaryotic ribosome assembly, transport and quality control. Nature Structural and Molecular Biology, 2017, 24, 689-699.	8.2	190
31	Yeast Ataxin-7 links histone deubiquitination with gene gating and mRNA export. Nature Cell Biology, 2008, 10, 707-715.	10.3	188
32	Architecture of the 90S Pre-ribosome: A Structural View on the Birth of the Eukaryotic Ribosome. Cell, 2016, 166, 380-393.	28.9	184
33	The Exosome Is Recruited to RNA Substrates through Specific Adaptor Proteins. Cell, 2015, 162, 1029-1038.	28.9	170
34	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
35	Structural Basis for Assembly and Activation of the Heterotetrameric SAGA Histone H2B Deubiquitinase Module. Cell, 2010, 141, 606-617.	28.9	164
36	Structure and Assembly of the Nup84p Complex. Journal of Cell Biology, 2000, 149, 41-54.	5.2	163

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37	Visualizing the Assembly Pathway of Nucleolar Pre-60S Ribosomes. Cell, 2017, 171, 1599-1610.e14.	28.9	162
38	A Novel In Vivo Assay Reveals Inhibition of Ribosomal Nuclear Export in Ran-Cycle and Nucleoporin Mutants. Journal of Cell Biology, 1999, 144, 389-401.	5.2	161
39	Structural basis of histone H2Aâ€“H2B recognition by the essential chaperone FACT. Nature, 2013, 499, 111-114.	27.8	159
40	A Puzzle of Life: Crafting Ribosomal Subunits. Trends in Biochemical Sciences, 2017, 42, 640-654.	7.5	159
41	An aminoacylation-dependent nuclear tRNA export pathway in yeast. Genes and Development, 2000, 14, 830-840.	5.9	156
42	Yeast centrin Cdc31 is linked to the nuclear mRNA export machinery. Nature Cell Biology, 2004, 6, 840-848.	10.3	153
43	Functional link between ribosome formation and biogenesis of ironâ€“sulfur proteins. EMBO Journal, 2005, 24, 580-588.	7.8	153
44	Nup93, a Vertebrate Homologue of Yeast Nic96p, Forms a Complex with a Novel 205-kDa Protein and Is Required for Correct Nuclear Pore Assembly. Molecular Biology of the Cell, 1997, 8, 2017-2038.	2.1	147
45	Membrane curvature induced by Arf1-GTP is essential for vesicle formation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11731-11736.	7.1	146
46	Nuclear Export of Ribosomal 60S Subunits by the General mRNA Export Receptor Mex67-Mtr2. Molecular Cell, 2007, 26, 51-62.	9.7	142
47	Mechanochemical Removal of Ribosome Biogenesis Factors from Nascent 60S Ribosomal Subunits. Cell, 2009, 138, 911-922.	28.9	141
48	ATPase-dependent role of the atypical kinase Rio2 on the evolving pre-40S ribosomal subunit. Nature Structural and Molecular Biology, 2012, 19, 1316-1323.	8.2	137
49	Functional reconstitution of mitochondrial Fe/S cluster synthesis on Isu1 reveals the involvement of ferredoxin. Nature Communications, 2014, 5, 5013.	12.8	136
50	Coupled GTPase and remodelling ATPase activities form a checkpoint for ribosome export. Nature, 2014, 505, 112-116.	27.8	132
51	YEAST GENETICS TO DISSECT THE NUCLEAR PORE COMPLEX AND NUCLEOCYTOPLASMIC TRAFFICKING. Annual Review of Genetics, 1997, 31, 277-313.	7.6	130
52	Adaptor Aly and co-adaptor Thoc5 function in the Tap-p15-mediated nuclear export of HSP70 mRNA. EMBO Journal, 2009, 28, 556-567.	7.8	130
53	Biogenesis of the Signal Recognition Particle (Srp) Involves Import of Srp Proteins into the Nucleolus, Assembly with the Srp-Rna, and Xpo1p-Mediated Export. Journal of Cell Biology, 2001, 153, 745-762.	5.2	128
54	Sus1, Cdc31, and the Sac3 CID Region Form a Conserved Interaction Platform that Promotes Nuclear Pore Association and mRNA Export. Molecular Cell, 2009, 33, 727-737.	9.7	128

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55	Gene Regulation by Nucleoporins and Links to Cancer. Molecular Cell, 2010, 38, 6-15.	9.7	126
56	Unconventional tethering of Ulp1 to the transport channel of the nuclear pore complex by karyopherins. Nature Cell Biology, 2003, 5, 21-27.	10.3	125
57	Architecture of the fungal nuclear pore inner ring complex. Science, 2015, 350, 56-64.	12.6	125
58	Cotranscriptional recruitment of the serine-arginine-rich (SR)-like proteins Gbp2 and Hrb1 to nascent mRNA via the TREX complex. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1858-1862.	7.1	124
59	60S ribosome biogenesis requires rotation of the 5S ribonucleoprotein particle. Nature Communications, 2014, 5, 3491.	12.8	117
60	The mRNA Export Factor Sus1 Is Involved in Spt/Ada/Gcn5 Acetyltransferase-mediated H2B Deubiquitinylation through Its Interaction with Ubp8 and Sgf11. Molecular Biology of the Cell, 2006, 17, 4228-4236.	2.1	115
61	The AAA-ATPase Rea1 Drives Removal of Biogenesis Factors during Multiple Stages of 60S Ribosome Assembly. Molecular Cell, 2010, 38, 712-721.	9.7	114
62	Functional and structural characterization of the mammalian TREX-2 complex that links transcription with nuclear messenger RNA export. Nucleic Acids Research, 2012, 40, 4562-4573.	14.5	111
63	A Noc Complex Specifically Involved in the Formation and Nuclear Export of Ribosomal 40 S Subunits. Journal of Biological Chemistry, 2003, 278, 4072-4081.	3.4	110
64	Linking gene regulation to mRNA production and export. Current Opinion in Cell Biology, 2011, 23, 302-309.	5.4	107
65	Arx1 Functions as an Unorthodox Nuclear Export Receptor for the 60S Preribosomal Subunit. Molecular Cell, 2007, 27, 767-779.	9.7	104
66	Architecture of the Rix1â€"Rea1 checkpoint machinery during pre-60S-ribosome remodeling. Nature Structural and Molecular Biology, 2016, 23, 37-44.	8.2	104
67	Structure of the pre-60S ribosomal subunit with nuclear export factor Arx1 bound at the exit tunnel. Nature Structural and Molecular Biology, 2012, 19, 1234-1241.	8.2	103
68	The inner nuclear membrane protein Src1 associates with subtelomeric genes and alters their regulated gene expression. Journal of Cell Biology, 2008, 182, 897-910.	5.2	100
69	Purification of Nuclear Poly(A)-binding Protein Nab2 Reveals Association with the Yeast Transcriptome and a Messenger Ribonucleoprotein Core Structure. Journal of Biological Chemistry, 2009, 284, 34911-34917.	3.4	99
70	Sem1 is a functional component of the nuclear pore complexâ€"associated messenger RNA export machinery. Journal of Cell Biology, 2009, 184, 833-846.	5.2	96
71	Synchronizing Nuclear Import of Ribosomal Proteins with Ribosome Assembly. Science, 2012, 338, 666-671.	12.6	95
72	Linker Nups connect the nuclear pore complex inner ring with the outer ring and transport channel. Nature Structural and Molecular Biology, 2015, 22, 774-781.	8.2	95

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73	3.2-Ã…-resolution structure of the 90S preribosome before A1 pre-rRNA cleavage. Nature Structural and Molecular Biology, 2017, 24, 954-964.	8.2	95
74	Structural insights into tail-anchored protein binding and membrane insertion by Get3. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21131-21136.	7.1	92
75	Structure of the nuclear exosome captured on a maturing preribosome. Science, 2018, 360, 219-222.	12.6	92
76	Structural basis for the assembly and nucleic acid binding of the TREX-2 transcription-export complex. Nature Structural and Molecular Biology, 2012, 19, 328-336.	8.2	90
77	Formation and Nuclear Export of Preribosomes Are Functionally Linked to the Smallâ€Ubiquitinâ€Related Modifier Pathway. Traffic, 2006, 7, 1311-1321.	2.7	87
78	Molecular basis for the functional interaction of dynein light chain with the nuclear-pore complex. Nature Cell Biology, 2007, 9, 788-796.	10.3	84
79	Structural Basis of the Nic96 Subcomplex Organization in the Nuclear Pore Channel. Molecular Cell, 2008, 29, 46-55.	9.7	83
80	Coordinated Ribosomal ITS2 RNA Processing by the Las1 Complex Integrating Endonuclease, Polynucleotide Kinase, and Exonuclease Activities. Molecular Cell, 2015, 60, 808-815.	9.7	83
81	Mlp2p, A Component of Nuclear Pore Attached Intranuclear Filaments, Associates with Nic96p. Journal of Biological Chemistry, 2000, 275, 343-350.	3.4	81
82	Mex67p Mediates Nuclear Export of a Variety of RNA Polymerase II Transcripts. Journal of Biological Chemistry, 2000, 275, 8361-8368.	3.4	81
83	The power of AAA-ATPases on the road of pre-60S ribosome maturation â€" Molecular machines that strip pre-ribosomal particles. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 92-100.	4.1	79
84	Structural characterization of a eukaryotic chaperoneâ€"the ribosome-associated complex. Nature Structural and Molecular Biology, 2013, 20, 23-28.	8.2	79
85	The AAA ATPase Rix7 powers progression of ribosome biogenesis by stripping Nsa1 from pre-60S particles. Journal of Cell Biology, 2008, 181, 935-944.	5.2	78
86	Dominant Rio1 kinase/ATPase catalytic mutant induces trapping of late pre-40S biogenesis factors in 80S-like ribosomes. Nucleic Acids Research, 2014, 42, 8635-8647.	14.5	77
87	Cryo-EM structure of a late pre-40S ribosomal subunit from Saccharomyces cerevisiae. ELife, 2017, 6, .	6.0	77
88	Rlp7p is associated with 60S preribosomes, restricted to the granular component of the nucleolus, and required for pre-rRNA processing. Journal of Cell Biology, 2002, 157, 941-952.	5.2	73
89	Formation and nuclear export of tRNA, rRNA and mRNA is regulated by the ubiquitin ligase Rsp5p. EMBO Reports, 2003, 4, 1156-1162.	4.5	71
90	Coordinated Ribosomal L4 Protein Assembly into the Pre-Ribosome Is Regulated by Its Eukaryote-Specific Extension. Molecular Cell, 2015, 58, 854-862.	9.7	69

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91	Towards understanding nuclear pore complex architecture and dynamics in the age of integrative structural analysis. Current Opinion in Cell Biology, 2015, 34, 31-38.	5.4	66
92	Reconstitution of the complete pathway of ITS2 processing at the pre-ribosome. Nature Communications, 2017, 8, 1787.	12.8	66
93	Review: Transport of tRNA out of the Nucleusâ€"Direct Channeling to the Ribosome?. Journal of Structural Biology, 2000, 129, 288-294.	2.8	65
94	Structure of the C-terminal FG-nucleoporin binding domain of Tap/NXF1. Nature Structural Biology, 2002, 9, 247-251.	9.7	65
95	Structural basis for cooperativity of CRM1 export complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 960-965.	7.1	64
96	Structural basis for assembly and function of the Nup82 complex in the nuclear pore scaffold. Journal of Cell Biology, 2015, 208, 283-297.	5.2	64
97	Rea1, a Dynein-related Nuclear AAA-ATPase, Is Involved in Late rRNA Processing and Nuclear Export of 60 S Subunits. Journal of Biological Chemistry, 2004, 279, 55411-55418.	3.4	63
98	Co-translational capturing of nascent ribosomal proteins by their dedicated chaperones. Nature Communications, 2015, 6, 7494.	12.8	63
99	A Pre-Ribosome with a Tadpole-like Structure Functions in ATP-Dependent Maturation of 60S Subunits. Molecular Cell, 2004, 15, 295-301.	9.7	62
100	The Nsp1p Carboxy-Terminal Domain Is Organized into Functionally Distinct Coiled-Coil Regions Required for Assembly of Nucleoporin Subcomplexes and Nucleocytoplasmic Transport. Molecular and Cellular Biology, 2001, 21, 7944-7955.	2.3	61
101	Linear ubiquitin fusion to Rps31 and its subsequent cleavage are required for the efficient production and functional integrity of 40S ribosomal subunits. Molecular Microbiology, 2009, 72, 69-84.	2.5	61
102	Rrp5p, Noc1p and Noc2p form a protein module which is part of early large ribosomal subunit precursors in S. cerevisiae. Nucleic Acids Research, 2013, 41, 1191-1210.	14.5	61
103	Consistent mutational paths predict eukaryotic thermostability. BMC Evolutionary Biology, 2013, 13, 7.	3.2	60
104	Structural basis for the molecular evolution of SRP-GTPase activation by protein. Nature Structural and Molecular Biology, 2011, 18, 1376-1380.	8.2	59
105	90 <i>S</i> pre-ribosome transformation into the primordial 40 <i>S</i> subunit. Science, 2020, 369, 1470-1476.	12.6	59
106	Yeast Ran-Binding Protein 1 (Yrb1) Shuttles between the Nucleus and Cytoplasm and Is Exported from the Nucleus via a CRM1 (XPO1)-Dependent Pathway. Molecular and Cellular Biology, 2000, 20, 4295-4308.	2.3	55
107	The crystal structure of Ebp1 reveals a methionine aminopeptidase fold as binding platform for multiple interactions. FEBS Letters, 2007, 581, 4450-4454.	2.8	55
108	An integrated approach for genome annotation of the eukaryotic thermophile Chaetomium thermophilum. Nucleic Acids Research, 2014, 42, 13525-13533.	14.5	55

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109	TOR regulates late steps of ribosome maturation in the nucleoplasm via Nog1 in response to nutrients. EMBO Journal, 2006, 25, 3832-3842.	7.8	54
110	An Endoribonuclease Functionally Linked to Perinuclear mRNP Quality Control Associates with the Nuclear Pore Complexes. PLoS Biology, 2009, 7, e1000008.	5.6	53
111	Nup116p Associates with the Nup82p-Nsp1p-Nup159p Nucleoporin Complex. Journal of Biological Chemistry, 2000, 275, 23540-23548.	3.4	52
112	The NUG1 GTPase Reveals an N-terminal RNA-binding Domain That Is Essential for Association with 60 S Pre-ribosomal Particles. Journal of Biological Chemistry, 2006, 281, 24737-24744.	3.4	52
113	A versatile interaction platform on the Mex67â€“Mtr2 receptor creates an overlap between mRNA and ribosome export. EMBO Journal, 2008, 27, 6-16.	7.8	51
114	Symportin 1 chaperones 5S RNP assembly during ribosome biogenesis by occupying an essential rRNA-binding site. Nature Communications, 2015, 6, 6510.	12.8	51
115	Complex Formation between Tap and p15 Affects Binding to FG-repeat Nucleoporins and Nucleocytoplasmic Shuttling. Journal of Biological Chemistry, 2002, 277, 9242-9246.	3.4	49
116	Protein Interfaces of the Conserved Nup84 Complex from Chaetomium thermophilum Shown by Crosslinking Mass Spectrometry and Electron Microscopy. Structure, 2013, 21, 1672-1682.	3.3	48
117	Thermophile 90S Pre-ribosome Structures Reveal the Reverse Order of Co-transcriptional 18S rRNA Subdomain Integration. Molecular Cell, 2019, 75, 1256-1269.e7.	9.7	48
118	Construction of the Central Protuberance and L1 Stalk during 60S Subunit Biogenesis. Molecular Cell, 2020, 79, 615-628.e5.	9.7	48
119	Pus1p-dependent tRNA Pseudouridinylation Becomes Essential When tRNA Biogenesis Is Compromised in Yeast. Journal of Biological Chemistry, 2001, 276, 46333-46339.	3.4	46
120	Reconstitution of Nup157 and Nup145N into the Nup84 Complex*[boxs]. Journal of Biological Chemistry, 2005, 280, 18442-18451.	3.4	45
121	Nup192p Is a Conserved Nucleoporin with a Preferential Location at the Inner Site of the Nuclear Membrane. Journal of Biological Chemistry, 1999, 274, 22646-22651.	3.4	44
122	Evidence for an evolutionary relationship between the large adaptor nucleoporin Nup192 and karyopherins. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2530-2535.	7.1	44
123	A network of assembly factors is involved in remodeling rRNA elements during preribosome maturation. Journal of Cell Biology, 2014, 207, 481-498.	5.2	44
124	Developing genetic tools to exploit Chaetomium thermophilum for biochemical analyses of eukaryotic macromolecular assemblies. Scientific Reports, 2016, 6, 20937.	3.3	43
125	The Conserved Bud20 Zinc Finger Protein Is a New Component of the Ribosomal 60S Subunit Export Machinery. Molecular and Cellular Biology, 2012, 32, 4898-4912.	2.3	42
126	Structural insights into the interaction of the nuclear exosome helicase Mtr4 with the preribosomal protein Nop53. Rna, 2017, 23, 1780-1787.	3.5	42

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127	Nucleus-Specific and Cell Cycle-Regulated Degradation of Mitogen-Activated Protein Kinase Scaffold Protein Ste5 Contributes to the Control of Signaling Competence. Molecular and Cellular Biology, 2009, 29, 582-601.	2.3	38
128	Interdependent action of KH domain proteins Krr1 and Dim2 drive the 40S platform assembly. Nature Communications, 2017, 8, 2213.	12.8	38
129	Transfer RNA biogenesis: A visa to leave the nucleus. Current Biology, 1999, 9, R238-R241.	3.9	36
130	Precise mapping of subunits in multiprotein complexes by a versatile electron microscopy label. Nature Structural and Molecular Biology, 2010, 17, 775-778.	8.2	36
131	Ribosome-stalk biogenesis is coupled with recruitment of nuclear-export factor to the nascent 60S subunit. Nature Structural and Molecular Biology, 2016, 23, 1074-1082.	8.2	36
132	The K⁺-dependent GTPase Nug1 is implicated in the association of the helicase Dbp10 to the immature peptidyl transferase centre during ribosome maturation. Nucleic Acids Research, 2016, 44, 1800-1812.	14.5	36
133	Structure of the Maturing 90S Pre-ribosome in Association with the RNA Exosome. Molecular Cell, 2021, 81, 293-303.e4.	9.7	36
134	Two structurally distinct domains of the nucleoporin Nup170 cooperate to tether a subset of nucleoporins to nuclear pores. Journal of Cell Biology, 2009, 185, 387-395.	5.2	35
135	Preribosomes escaping from the nucleus are caught during translation by cytoplasmic quality control. Nature Structural and Molecular Biology, 2017, 24, 1107-1115.	8.2	35
136	Structural Basis for the Interaction between Yeast Spt-Ada-Gcn5 Acetyltransferase (SAGA) Complex Components Sgf11 and Sus1. Journal of Biological Chemistry, 2010, 285, 3850-3856.	3.4	32
137	A short linear motif in scaffold Nup145C connects Y-complex with pre-assembled outer ring Nup82 complex. Nature Communications, 2017, 8, 1107.	12.8	32
138	Analysis of the yeast nucleoporin Nup188 reveals a conserved S-like structure with similarity to karyopherins. Journal of Structural Biology, 2012, 177, 99-105.	2.8	30
139	Interaction network of the ribosome assembly machinery from a eukaryotic thermophile. Protein Science, 2017, 26, 327-342.	7.6	30
140	Assembly Kinetics of Vimentin Tetramers to Unit-Length Filaments: A Stopped-Flow Study. Biophysical Journal, 2018, 114, 2408-2418.	0.5	29
141	Nucleoporin Nup155 is part of the p53 network in liver cancer. Nature Communications, 2019, 10, 2147.	12.8	29
142	Targeting of Ran: variation on a common theme?. Journal of Cell Science, 2001, 114, 3233-3241.	2.0	29
143	An intron in the YRA1 gene is required to control Yra1 protein expression and mRNA export in yeast. EMBO Reports, 2002, 3, 438-442.	4.5	28
144	Concerted removal of the Erb1â€“Ytm1 complex in ribosome biogenesis relies on an elaborate interface. Nucleic Acids Research, 2016, 44, 926-939.	14.5	27

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145	Nuclear RNA export in yeast. FEBS Letters, 1999, 452, 77-81.	2.8	26
146	New twist to nuclear import: When two travel together. Communicative and Integrative Biology, 2013, 6, e24792.	1.4	26
147	Structural Characterization of the Chaetomium thermophilum TREX-2 Complex and its Interaction with the mRNA Nuclear Export Factor Mex67:Mtr2. Structure, 2015, 23, 1246-1257.	3.3	26
148	Yeast Nuclear Pore Complex Assembly Defects Determined by Nuclear Envelope Reconstruction. Journal of Structural Biology, 2000, 132, 1-5.	2.8	25
149	Arrest by ribosome. Nature, 2009, 459, 46-47.	27.8	25
150	The structure of Get4 reveals an Î±â€solenoid fold adapted for multiple interactions in tailâ€anchored protein biogenesis. FEBS Letters, 2010, 584, 1509-1514.	2.8	23
151	Monitoring Spatiotemporal Biogenesis of Macromolecular Assemblies by Pulse-Chase Epitope Labeling. Molecular Cell, 2012, 47, 788-796.	9.7	23
152	NTF2-like domain of Tap plays a critical role in cargo mRNA recognition and export. Nucleic Acids Research, 2015, 43, 1894-1904.	14.5	23
153	Suppressor mutations in Rpf2â€“Rrs1 or Rpl5 bypass the Cgr1 function for pre-ribosomal 5S RNP-rotation. Nature Communications, 2018, 9, 4094.	12.8	22
154	Mutational Uncoupling of the Role of Sus1 in Nuclear Pore Complex Targeting of an mRNA Export Complex and Histone H2B Deubiquitination. Journal of Biological Chemistry, 2009, 284, 12049-12056.	3.4	21
155	Coordinated Nuclear Import of RNA Polymerase III Subunits. Traffic, 2006, 7, 465-473.	2.7	20
156	Crystal structures of Rea1-MIDAS bound to its ribosome assembly factor ligands resembling integrinâ€“ligand-type complexes. Nature Communications, 2019, 10, 3050.	12.8	18
157	Emergence of the primordial pre-60S from the 90S pre-ribosome. Cell Reports, 2022, 39, 110640.	6.4	17
158	Purification of Protein A-tagged Yeast Ran Reveals Association with a Novel Karyopherin Î² Family Member, Pdr6p. Journal of Biological Chemistry, 2000, 275, 467-471.	3.4	15
159	Mpp10 represents a platform for the interaction of multiple factors within the 90S pre-ribosome. PLoS ONE, 2017, 12, e0183272.	2.5	15
160	Nuclear Export of tRNA. Results and Problems in Cell Differentiation, 2002, 35, 115-131.	0.7	15
161	The tRNA aminoacylation co-factor Arc1p is excluded from the nucleus by an Xpo1p-dependent mechanism. FEBS Letters, 2005, 579, 969-975.	2.8	13
162	Direct and high throughput (HT) interactions on the ribosomal surface by iRIA. Scientific Reports, 2015, 5, 15401.	3.3	11

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163	Identification and Characterization of a Novel RanGTP-binding Protein in the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2003, 278, 15397-15405.	3.4	10
164	The Yeast Kinase Swe1 is Required for Proper Entry into Cell Cycle After Arrest Due to Ribosome Biogenesis and Protein Synthesis Defects. Cell Cycle, 2004, 3, 646-652.	2.6	10
165	Probing the nucleoporin FG repeat network defines structural and functional features of the nuclear pore complex. Journal of Cell Biology, 2011, 195, 183-192.	5.2	8
166	Structural characterization of the principal mRNA-export factor Mex67â€“Mtr2 fromChaetomium thermophilum. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 876-888.	0.8	8
167	A Pulseâ€“Chase Epitope Labeling to Study Cellular Dynamics of Newly Synthesized Proteins. Methods in Cell Biology, 2014, 122, 147-163.	1.1	5
168	Mutational Analysis of the Nsa2 N-Terminus Reveals Its Essential Role in Ribosomal 60S Subunit Assembly. International Journal of Molecular Sciences, 2020, 21, 9108.	4.1	5
169	Utilizing the Dyn2 Dimerization-Zipper as a Tool to Probe NPC Structure and Function. Methods in Cell Biology, 2014, 122, 99-115.	1.1	3
170	Structural basis for 5'-ETS recognition by Utp4 at the early stages of ribosome biogenesis. PLoS ONE, 2017, 12, e0178752.	2.5	3
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