

Elisa Izaurrealde

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151
papers

24,909
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84
h-index

157
g-index

159
ext. papers

27,155
ext. citations

14.9
avg, IF

7.2
L-index

#	Paper	IF	Citations
151	Gene silencing by microRNAs: contributions of translational repression and mRNA decay. <i>Nature Reviews Genetics</i> , 2011 , 12, 99-110	30.1	1686
150	Towards a molecular understanding of microRNA-mediated gene silencing. <i>Nature Reviews Genetics</i> , 2015 , 16, 421-33	30.1	1098
149	Getting to the root of miRNA-mediated gene silencing. <i>Cell</i> , 2008 , 132, 9-14	56.2	811
148	P bodies: at the crossroads of post-transcriptional pathways. <i>Nature Reviews Molecular Cell Biology</i> , 2007 , 8, 9-22	48.7	751
147	mRNA degradation by miRNAs and GW182 requires both CCR4:NOT deadenylase and DCP1:DCP2 decapping complexes. <i>Genes and Development</i> , 2006 , 20, 1885-98	12.6	720
146	The spliceosome deposits multiple proteins 20-24 nucleotides upstream of mRNA exon-exon junctions. <i>EMBO Journal</i> , 2000 , 19, 6860-9	13	695
145	The exon-exon junction complex provides a binding platform for factors involved in mRNA export and nonsense-mediated mRNA decay. <i>EMBO Journal</i> , 2001 , 20, 4987-97	13	591
144	P-body formation is a consequence, not the cause, of RNA-mediated gene silencing. <i>Molecular and Cellular Biology</i> , 2007 , 27, 3970-81	4.8	511
143	The asymmetric distribution of the constituents of the Ran system is essential for transport into and out of the nucleus. <i>EMBO Journal</i> , 1997 , 16, 6535-47	13	503
142	TAP, the human homolog of Mex67p, mediates CTE-dependent RNA export from the nucleus. <i>Molecular Cell</i> , 1998 , 1, 649-59	17.6	490
141	A nuclear cap binding protein complex involved in pre-mRNA splicing. <i>Cell</i> , 1994 , 78, 657-68	56.2	439
140	A novel class of RanGTP binding proteins. <i>Journal of Cell Biology</i> , 1997 , 138, 65-80	7.3	374
139	Nonsense-mediated mRNA decay: molecular insights and mechanistic variations across species. <i>Current Opinion in Cell Biology</i> , 2005 , 17, 316-25	9	366
138	A crucial role for GW182 and the DCP1:DCP2 decapping complex in miRNA-mediated gene silencing. <i>Rna</i> , 2005 , 11, 1640-7	5.8	350
137	Structure and nucleic-acid binding of the Drosophila Argonaute 2 PAZ domain. <i>Nature</i> , 2003 , 426, 465-9	50.4	347
136	Identification of a tRNA-specific nuclear export receptor. <i>Molecular Cell</i> , 1998 , 1, 359-69	17.6	324
135	GW182 interaction with Argonaute is essential for miRNA-mediated translational repression and mRNA decay. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 346-53	17.6	314

134	Deadenylation is a widespread effect of miRNA regulation. <i>Rna</i> , 2009 , 15, 21-32	5.8	311
133	Dominant-negative mutants of importin-beta block multiple pathways of import and export through the nuclear pore complex. <i>EMBO Journal</i> , 1997 , 16, 1153-63	13	310
132	An eIF4AIII-containing complex required for mRNA localization and nonsense-mediated mRNA decay. <i>Nature</i> , 2004 , 427, 753-7	50.4	299
131	REF, an evolutionary conserved family of hnRNP-like proteins, interacts with TAP/Mex67p and participates in mRNA nuclear export. <i>Rna</i> , 2000 , 6, 638-50	5.8	296
130	A cap-binding protein complex mediating U snRNA export. <i>Nature</i> , 1995 , 376, 709-12	50.4	286
129	The C-terminal domain of TAP interacts with the nuclear pore complex and promotes export of specific CTE-bearing RNA substrates. <i>Rna</i> , 2000 , 6, 136-58	5.8	268
128	GW182 proteins directly recruit cytoplasmic deadenylase complexes to miRNA targets. <i>Molecular Cell</i> , 2011 , 44, 120-33	17.6	266
127	Nucleic acid 3' end recognition by the Argonaute2 PAZ domain. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 576-7	17.6	259
126	Decay of mRNAs targeted by RISC requires XRN1, the Ski complex, and the exosome. <i>Rna</i> , 2005 , 11, 459-58	5.8	239
125	Target-specific requirements for enhancers of decapping in miRNA-mediated gene silencing. <i>Genes and Development</i> , 2007 , 21, 2558-70	12.6	230
124	SMG6 is the catalytic endonuclease that cleaves mRNAs containing nonsense codons in metazoan. <i>Rna</i> , 2008 , 14, 2609-17	5.8	228
123	Nucleocytoplasmic transport enters the atomic age. <i>Current Opinion in Cell Biology</i> , 2001 , 13, 310-9	9	228
122	SMG7 acts as a molecular link between mRNA surveillance and mRNA decay. <i>Molecular Cell</i> , 2004 , 16, 587-96	17.6	222
121	The superhelical TPR-repeat domain of O-linked GlcNAc transferase exhibits structural similarities to importin alpha. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 1001-7	17.6	219
120	A role for the M9 transport signal of hnRNP A1 in mRNA nuclear export. <i>Journal of Cell Biology</i> , 1997 , 137, 27-35	7.3	217
119	Nonsense-mediated mRNA decay in Drosophila: at the intersection of the yeast and mammalian pathways. <i>EMBO Journal</i> , 2003 , 22, 3960-70	13	216
118	Dbp5, a DEAD-box protein required for mRNA export, is recruited to the cytoplasmic fibrils of nuclear pore complex via a conserved interaction with CAN/Nup159p. <i>EMBO Journal</i> , 1999 , 18, 4332-47	13	213
117	Vesicular stomatitis virus matrix protein inhibits host cell gene expression by targeting the nucleoporin Nup98. <i>Molecular Cell</i> , 2000 , 6, 1243-52	17.6	208

116	Nonsense-mediated mRNA decay factors act in concert to regulate common mRNA targets. <i>Rna</i> , 2005 , 11, 1530-44	5.8	206
115	A nuclear cap-binding complex binds Balbiani ring pre-mRNA cotranscriptionally and accompanies the ribonucleoprotein particle during nuclear export. <i>Journal of Cell Biology</i> , 1996 , 133, 5-14	7.3	205
114	The DEXH/D box protein HEL/UAP56 is essential for mRNA nuclear export in <i>Drosophila</i> . <i>Current Biology</i> , 2001 , 11, 1716-21	6.3	196
113	Structural basis for the recognition of a nucleoporin FG repeat by the NTF2-like domain of the TAP/p15 mRNA nuclear export factor. <i>Molecular Cell</i> , 2001 , 8, 645-56	17.6	193
112	Nonsense-mediated messenger RNA decay is initiated by endonucleolytic cleavage in <i>Drosophila</i> . <i>Nature</i> , 2004 , 429, 575-8	50.4	190
111	MicroRNAs silence gene expression by repressing protein expression and/or by promoting mRNA decay. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2006 , 71, 523-30	3.9	189
110	TAP (NXF1) belongs to a multigene family of putative RNA export factors with a conserved modular architecture. <i>Molecular and Cellular Biology</i> , 2000 , 20, 8996-9008	4.8	189
109	RNA export. <i>Cell</i> , 1995 , 81, 153-9	56.2	188
108	A DDX6-CNOT1 complex and W-binding pockets in CNOT9 reveal direct links between miRNA target recognition and silencing. <i>Molecular Cell</i> , 2014 , 54, 737-50	17.6	187
107	SMG7 is a 14-3-3-like adaptor in the nonsense-mediated mRNA decay pathway. <i>Molecular Cell</i> , 2005 , 17, 537-47	17.6	185
106	Participation of the nuclear cap binding complex in pre-mRNA 3' processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 11893-8	11.5	184
105	Importin provides a link between nuclear protein import and U snRNA export. <i>Cell</i> , 1996 , 87, 21-32	56.2	178
104	REF1/Aly and the additional exon junction complex proteins are dispensable for nuclear mRNA export. <i>Journal of Cell Biology</i> , 2002 , 159, 579-88	7.3	177
103	An efficient protein complex purification method for functional proteomics in higher eukaryotes. <i>Nature Biotechnology</i> , 2003 , 21, 89-92	44.5	173
102	Genome-wide analysis of mRNAs regulated by the THO complex in <i>Drosophila melanogaster</i> . <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 558-66	17.6	172
101	A conserved role for cytoplasmic poly(A)-binding protein 1 (PABPC1) in nonsense-mediated mRNA decay. <i>EMBO Journal</i> , 2007 , 26, 1591-601	13	171
100	The interplay of nuclear mRNP assembly, mRNA surveillance and export. <i>Trends in Cell Biology</i> , 2003 , 13, 319-27	18.3	171
99	Highly preferential nucleation of histone H1 assembly on scaffold-associated regions. <i>Journal of Molecular Biology</i> , 1989 , 210, 573-85	6.5	158

98	The simian retrovirus-1 constitutive transport element, unlike the HIV-1 RRE, uses factors required for cellular mRNA export. <i>Current Biology</i> , 1997 , 7, 619-28	6.3	157
97	REF proteins mediate the export of spliced and unspliced mRNAs from the nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 1030-5	11.5	154
96	The GW182 protein family in animal cells: new insights into domains required for miRNA-mediated gene silencing. <i>Rna</i> , 2009 , 15, 1433-42	5.8	152
95	mRNA quality control: an ancient machinery recognizes and degrades mRNAs with nonsense codons. <i>FEBS Letters</i> , 2007 , 581, 2845-53	3.8	150
94	CRM1-mediated recycling of snurportin 1 to the cytoplasm. <i>Journal of Cell Biology</i> , 1999 , 145, 255-64	7.3	150
93	Structures of the PIN domains of SMG6 and SMG5 reveal a nuclease within the mRNA surveillance complex. <i>EMBO Journal</i> , 2006 , 25, 5117-25	13	147
92	The structural basis for the interaction between nonsense-mediated mRNA decay factors UPF2 and UPF3. <i>Nature Structural and Molecular Biology</i> , 2004 , 11, 330-7	17.6	145
91	The protein Mago provides a link between splicing and mRNA localization. <i>EMBO Reports</i> , 2001 , 2, 1119-24	8.5	140
90	Specific inhibition of DNA binding to nuclear scaffolds and histone H1 by distamycin. The role of oligo(dA).oligo(dT) tracts. <i>Journal of Molecular Biology</i> , 1989 , 210, 587-99	6.5	138
89	The role of disordered protein regions in the assembly of decapping complexes and RNP granules. <i>Genes and Development</i> , 2013 , 27, 2628-41	12.6	136
88	Nonsense-mediated mRNA decay effectors are essential for zebrafish embryonic development and survival. <i>Molecular and Cellular Biology</i> , 2009 , 29, 3517-28	4.8	135
87	The silencing domain of GW182 interacts with PABPC1 to promote translational repression and degradation of microRNA targets and is required for target release. <i>Molecular and Cellular Biology</i> , 2009 , 29, 6220-31	4.8	134
86	A novel mode of RBD-protein recognition in the Y14-Mago complex. <i>Nature Structural and Molecular Biology</i> , 2003 , 10, 433-9	17.6	134
85	Herpes simplex virus ICP27 protein provides viral mRNAs with access to the cellular mRNA export pathway. <i>EMBO Journal</i> , 2001 , 20, 5769-78	13	133
84	Genome-wide analysis of nuclear mRNA export pathways in Drosophila. <i>EMBO Journal</i> , 2003 , 22, 2472-83	13.3	126
83	Interaction of DNA with nuclear scaffolds in vitro. <i>Journal of Molecular Biology</i> , 1988 , 200, 111-25	6.5	126
82	The SMG5-SMG7 heterodimer directly recruits the CCR4-NOT deadenylase complex to mRNAs containing nonsense codons via interaction with POP2. <i>Genes and Development</i> , 2013 , 27, 2125-38	12.6	125
81	Genome-wide analysis of mRNAs regulated by Drosha and Argonaute proteins in Drosophila melanogaster. <i>Molecular and Cellular Biology</i> , 2006 , 26, 2965-75	4.8	119

80	Nonsense-mediated mRNA decay: Target genes and functional diversification of effectors. <i>Trends in Biochemical Sciences</i> , 2006 , 31, 639-46	10.3	113
79	The C-terminal domains of human TNRC6A, TNRC6B, and TNRC6C silence bound transcripts independently of Argonaute proteins. <i>Rna</i> , 2009 , 15, 1059-66	5.8	112
78	A direct interaction between DCP1 and XRN1 couples mRNA decapping to 5' exonucleolytic degradation. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 1324-31	17.6	111
77	The structure of the flock house virus B2 protein, a viral suppressor of RNA interference, shows a novel mode of double-stranded RNA recognition. <i>EMBO Reports</i> , 2005 , 6, 1149-55	6.5	107
76	Overexpression of TAP/p15 heterodimers bypasses nuclear retention and stimulates nuclear mRNA export. <i>Journal of Biological Chemistry</i> , 2001 , 276, 20536-43	5.4	107
75	Coordination of tRNA nuclear export with processing of tRNA. <i>Rna</i> , 1999 , 5, 539-49	5.8	105
74	The structural basis for the interaction between the CAF1 nuclease and the NOT1 scaffold of the human CCR4-NOT deadenylase complex. <i>Nucleic Acids Research</i> , 2012 , 40, 11058-72	20.1	93
73	Structural basis for the mutually exclusive anchoring of P body components EDC3 and Tral to the DEAD box protein DDX6/Me31B. <i>Molecular Cell</i> , 2009 , 33, 661-8	17.6	93
72	A C-terminal silencing domain in GW182 is essential for miRNA function. <i>Rna</i> , 2009 , 15, 1067-77	5.8	91
71	Molecular architecture of 4E-BP translational inhibitors bound to eIF4E. <i>Molecular Cell</i> , 2015 , 57, 1074-1087	10.7	88
70	Crystal structure of the MID-PIWI lobe of a eukaryotic Argonaute protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 10466-71	11.5	88
69	GW182 proteins cause PABP dissociation from silenced miRNA targets in the absence of deadenylation. <i>EMBO Journal</i> , 2013 , 32, 1052-65	13	87
68	The interactions of GW182 proteins with PABP and deadenylases are required for both translational repression and degradation of miRNA targets. <i>Nucleic Acids Research</i> , 2013 , 41, 978-94	20.1	87
67	The structural basis of Edc3- and Scd6-mediated activation of the Dcp1:Dcp2 mRNA decapping complex. <i>EMBO Journal</i> , 2012 , 31, 279-90	13	84
66	Nuclear export of mRNA by TAP/NXF1 requires two nucleoporin-binding sites but not p15. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5405-18	4.8	83
65	Two PABPC1-binding sites in GW182 proteins promote miRNA-mediated gene silencing. <i>EMBO Journal</i> , 2010 , 29, 4146-60	13	82
64	Complex genomic rearrangements lead to novel primate gene function. <i>Genome Research</i> , 2005 , 15, 343-51	9.7	82
63	The role of GW182 proteins in miRNA-mediated gene silencing. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 768, 147-63	3.6	81

62	Structure of the PAN3 pseudokinase reveals the basis for interactions with the PAN2 deadenylase and the GW182 proteins. <i>Molecular Cell</i> , 2013 , 51, 360-73	17.6	79
61	RanBP2/Nup358 provides a major binding site for NXF1-p15 dimers at the nuclear pore complex and functions in nuclear mRNA export. <i>Molecular and Cellular Biology</i> , 2004 , 24, 1155-67	4.8	79
60	Transport of RNA between nucleus and cytoplasm. <i>Seminars in Cell Biology</i> , 1992 , 3, 279-88		77
59	Structure and assembly of the NOT module of the human CCR4-NOT complex. <i>Nature Structural and Molecular Biology</i> , 2013 , 20, 1289-97	17.6	74
58	Quality control of gene expression: a stepwise assembly pathway for the surveillance complex that triggers nonsense-mediated mRNA decay. <i>Genes and Development</i> , 2006 , 20, 391-8	12.6	74
57	Molecular insights into the interaction of PYM with the Mago-Y14 core of the exon junction complex. <i>EMBO Reports</i> , 2004 , 5, 304-10	6.5	74
56	Prediction of structural domains of TAP reveals details of its interaction with p15 and nucleoporins. <i>EMBO Reports</i> , 2000 , 1, 53-8	6.5	72
55	CUP promotes deadenylation and inhibits decapping of mRNA targets. <i>Genes and Development</i> , 2011 , 25, 1955-67	12.6	70
54	NOT10 and C2orf29/NOT11 form a conserved module of the CCR4-NOT complex that docks onto the NOT1 N-terminal domain. <i>RNA Biology</i> , 2013 , 10, 228-44	4.8	69
53	Crystal structure and ligand binding of the MID domain of a eukaryotic Argonaute protein. <i>EMBO Reports</i> , 2010 , 11, 522-7	6.5	68
52	Genome-wide identification of alternative splice forms down-regulated by nonsense-mediated mRNA decay in Drosophila. <i>PLoS Genetics</i> , 2009 , 5, e1000525	6	68
51	Structural basis for the Nanos-mediated recruitment of the CCR4-NOT complex and translational repression. <i>Genes and Development</i> , 2014 , 28, 888-901	12.6	65
50	The activation of the decapping enzyme DCP2 by DCP1 occurs on the EDC4 scaffold and involves a conserved loop in DCP1. <i>Nucleic Acids Research</i> , 2014 , 42, 5217-33	20.1	64
49	Role of GW182 proteins and PABPC1 in the miRNA pathway: a sense of djvu. <i>Nature Reviews Molecular Cell Biology</i> , 2010 , 11, 379-84	48.7	63
48	HPat provides a link between deadenylation and decapping in metazoa. <i>Journal of Cell Biology</i> , 2010 , 189, 289-302	7.3	61
47	Generation and annotation of the DNA sequences of human chromosomes 2 and 4. <i>Nature</i> , 2005 , 434, 724-31	50.4	61
46	The Structures of eIF4E-eIF4G Complexes Reveal an Extended Interface to Regulate Translation Initiation. <i>Molecular Cell</i> , 2016 , 64, 467-479	17.6	60
45	Similar modes of interaction enable Trailer Hitch and EDC3 to associate with DCP1 and Me31B in distinct protein complexes. <i>Molecular and Cellular Biology</i> , 2008 , 28, 6695-708	4.8	60

44	An unusual arrangement of two 14-3-3-like domains in the SMG5-SMG7 heterodimer is required for efficient nonsense-mediated mRNA decay. <i>Genes and Development</i> , 2013 , 27, 211-25	12.6	58
43	NXF5, a novel member of the nuclear RNA export factor family, is lost in a male patient with a syndromic form of mental retardation. <i>Current Biology</i> , 2001 , 11, 1381-91	6.3	58
42	Rous sarcoma virus DR posttranscriptional elements use a novel RNA export pathway. <i>Journal of Virology</i> , 2000 , 74, 9507-14	6.6	56
41	A divergent Sm fold in EDC3 proteins mediates DCP1 binding and P-body targeting. <i>Molecular and Cellular Biology</i> , 2007 , 27, 8600-11	4.8	55
40	miRISC recruits decapping factors to miRNA targets to enhance their degradation. <i>Nucleic Acids Research</i> , 2013 , 41, 8692-705	20.1	54
39	SMG6 interacts with the exon junction complex via two conserved EJC-binding motifs (EBMs) required for nonsense-mediated mRNA decay. <i>Genes and Development</i> , 2010 , 24, 2440-50	12.6	53
38	miRISC and the CCR4-NOT complex silence mRNA targets independently of 43S ribosomal scanning. <i>EMBO Journal</i> , 2016 , 35, 1186-203	13	51
37	GENE REGULATION. Breakers and blockers miRNAs at work. <i>Science</i> , 2015 , 349, 380-2	33.3	47
36	DCP1 forms asymmetric trimers to assemble into active mRNA decapping complexes in metazoa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 21591-6	11.5	47
35	4E-BPs require non-canonical 4E-binding motifs and a lateral surface of eIF4E to repress translation. <i>Nature Communications</i> , 2014 , 5, 4790	17.4	46
34	A novel family of nuclear transport receptors mediates the export of messenger RNA to the cytoplasm. <i>European Journal of Cell Biology</i> , 2002 , 81, 577-84	6.1	45
33	The <i>Caenorhabditis elegans</i> GW182 protein AIN-1 interacts with PAB-1 and subunits of the PAN2-PAN3 and CCR4-NOT deadenylase complexes. <i>Nucleic Acids Research</i> , 2012 , 40, 5651-65	20.1	44
32	A molecular link between miRISCs and deadenylases provides new insight into the mechanism of gene silencing by microRNAs. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012 , 4,	10.2	43
31	The RRM domain in GW182 proteins contributes to miRNA-mediated gene silencing. <i>Nucleic Acids Research</i> , 2009 , 37, 2974-83	20.1	43
30	GIGYF1/2 proteins use auxiliary sequences to selectively bind to 4EHP and repress target mRNA expression. <i>Genes and Development</i> , 2017 , 31, 1147-1161	12.6	41
29	The C-terminal alpha-alpha superhelix of Pat is required for mRNA decapping in metazoa. <i>EMBO Journal</i> , 2010 , 29, 2368-80	13	41
28	Structure-function studies of nucleocytoplasmic transport of retroviral genomic RNA by mRNA export factor TAP. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 990-8	17.6	41
27	A CAF40-binding motif facilitates recruitment of the CCR4-NOT complex to mRNAs targeted by <i>Drosophila</i> Roquin. <i>Nature Communications</i> , 2017 , 8, 14307	17.4	40

26	Elucidating the temporal order of silencing. <i>EMBO Reports</i> , 2012 , 13, 662-3	6.5	40
25	An asymmetric PAN3 dimer recruits a single PAN2 exonuclease to mediate mRNA deadenylation and decay. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 599-608	17.6	33
24	Structure of the Dcp2-Dcp1 mRNA-decapping complex in the activated conformation. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 574-9	17.6	33
23	Distinct modes of recruitment of the CCR4-NOT complex by Drosophila and vertebrate Nanos. <i>EMBO Journal</i> , 2016 , 35, 974-90	13	31
22	RNAi: finding the elusive endonuclease. <i>Rna</i> , 2004 , 10, 1675-9	5.8	27
21	The C-terminal region of Ge-1 presents conserved structural features required for P-body localization. <i>Rna</i> , 2008 , 14, 1991-8	5.8	23
20	Nuclear export of messenger RNA. <i>Results and Problems in Cell Differentiation</i> , 2002 , 35, 133-50	1.4	21
19	Bag-of-marbles directly interacts with the CAF40 subunit of the CCR4-NOT complex to elicit repression of mRNA targets. <i>Rna</i> , 2018 , 24, 381-395	5.8	20
18	4E-T-bound mRNAs are stored in a silenced and deadenylated form. <i>Genes and Development</i> , 2020 , 34, 847-860	12.6	17
17	Structural motifs in eIF4G and 4E-BPs modulate their binding to eIF4E to regulate translation initiation in yeast. <i>Nucleic Acids Research</i> , 2018 , 46, 6893-6908	20.1	17
16	Mextli proteins use both canonical bipartite and novel tripartite binding modes to form eIF4E complexes that display differential sensitivity to 4E-BP regulation. <i>Genes and Development</i> , 2015 , 29, 1835-49	12.6	15
15	The PAM domain, a multi-protein complex-associated module with an all-alpha-helix fold. <i>BMC Bioinformatics</i> , 2003 , 4, 64	3.6	15
14	4EHP and GIGYF1/2 Mediate Translation-Coupled Messenger RNA Decay. <i>Cell Reports</i> , 2020 , 33, 108262	10.6	15
13	A conserved CAF40-binding motif in metazoan NOT4 mediates association with the CCR4-NOT complex. <i>Genes and Development</i> , 2019 , 33, 236-252	12.6	12
12	Direct role for the Drosophila GIGYF protein in 4EHP-mediated mRNA repression. <i>Nucleic Acids Research</i> , 2019 , 47, 7035-7048	20.1	12
11	A low-complexity region in human XRN1 directly recruits deadenylation and decapping factors in 5'UTR messenger RNA decay. <i>Nucleic Acids Research</i> , 2019 , 47, 9282-9295	20.1	12
10	Molecular basis for GIGYF-Me31B complex assembly in 4EHP-mediated translational repression. <i>Genes and Development</i> , 2019 , 33, 1355-1360	12.6	7
9	Structural and biochemical analysis of a NOT1 MIF4G-like domain of the CCR4-NOT complex. <i>Journal of Structural Biology</i> , 2018 , 204, 388-395	3.4	7

8	An immersion in nucleocytoplasmic transport at the Garda lake. <i>Trends in Cell Biology</i> , 1997 , 7, 81-3	18.3	3
7	A tiny helper lightens the maternal load. <i>Cell</i> , 2006 , 124, 1117-8	56.2	3
6	NMR assignment of the Drosophila Argonaute2 PAZ domain. <i>Journal of Biomolecular NMR</i> , 2004 , 29, 421-2	3	3
5	Crystal structure and functional properties of the human CCR4-CAF1 deadenylase complex. <i>Nucleic Acids Research</i> , 2021 , 49, 6489-6510	20.1	3
4	Freedom versus constraint in protein function. <i>Nature Reviews Molecular Cell Biology</i> , 2009 , 10, 372	48.7	2
3	Rapid Gene evolution in an ancient post-transcriptional and translational regulatory system compensates for meiotic X chromosomal inactivation. <i>Molecular Biology and Evolution</i> , 2021 ,	8.3	1
2	ROLES OF IMPORTIN IN NUCLEOCYTOPLASMIC TRANSPORT. <i>Biochemical Society Transactions</i> , 1996 , 24, 627S-627S	5.1	
1	Nuclear transport of uracil-rich small nuclear ribonucleoprotein particles. <i>Membrane Protein Transport</i> , 1995 , 2, 123-159		