Thomas E Dever

List of Publications by Year
in descending order

22	2,213	471477	713444
papers	citations	17 h-index	21 g-index

27	27	27	2759
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	eIF5B and eIF1A reorient initiator tRNA to allow ribosomal subunit joining. Nature, 2022, 607, 185-190.	27.8	25
2	Structural basis for the transition from translation initiation to elongation by an 80S-eIF5B complex. Nature Communications, 2020, 11, 5003.	12.8	26
3	Structural characterization of ribosome recruitment and translocation by type IV IRES. ELife, 2016, 5, .	6.0	82
4	Crystal Structure of Hypusine-Containing Translation Factor eIF5A Bound to a Rotated Eukaryotic Ribosome. Journal of Molecular Biology, 2016, 428, 3570-3576.	4.2	53
5	Mechanism and Regulation of Protein Synthesis in Saccharomyces cerevisiae. Genetics, 2016, 203, 65-107.	2.9	115
6	An eIF2Î±-binding motif in protein phosphatase 1 subunit GADD34 and its viral orthologs is required to promote dephosphorylation of eIF2Î±. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3466-75.	7.1	66
7	Baculovirus protein PK2 subverts eIF2Î± kinase function by mimicry of its kinase domain C-lobe. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4364-73.	7.1	14
8	The Î²-hairpin of 40S exit channel protein Rps5/uS7 promotes efficient and accurate translation initiation in vivo. ELife, 2015, 4, e07939.	6.0	24
9	Enhanced Interaction between Pseudokinase and Kinase Domains in Gcn2 stimulates eIF2Î± Phosphorylation in Starved Cells. PLoS Genetics, 2014, 10, e1004326.	3.5	22
10	The hypusine-containing translation factor eIF5A. Critical Reviews in Biochemistry and Molecular Biology, 2014, 49, 413-425.	5.2	136
11	A New Start for Protein Synthesis. Science, 2012, 336, 1645-1646.	12.6	8
12	The Elongation, Termination, and Recycling Phases of Translation in Eukaryotes. Cold Spring Harbor Perspectives in Biology, 2012, 4, a013706-a013706.	5.5	328
13	Structural integrity of Î±-helix H12 in translation initiation factor eIF5B is critical for 80S complex stability. Rna, 2011, 17, 687-696.	3.5	19
14	Analysis of flanking nucleotide contributions to translation start codon selection in yeast. FASEB Journal, 2010, 24, 467.6.	0.5	1
15	rRNA Suppressor of a Eukaryotic Translation Initiation Factor 5B/Initiation Factor 2 Mutant Reveals a Binding Site for Translational GTPases on the Small Ribosomal Subunit. Molecular and Cellular Biology, 2009, 29, 808-821.	2.3	18
16	Kinetic Analysis of Late Steps of Eukaryotic Translation Initiation. Journal of Molecular Biology, 2009, 385, 491-506.	4.2	71
17	Intragenic Suppressor Mutations Restore GTPase and Translation Functions of a Eukaryotic Initiation Factor 5B Switch II Mutant. Molecular and Cellular Biology, 2007, 27, 1677-1685.	2.3	12
18	Initiation of Protein Synthesis. , 2006, , 219-322.		0

#	ARTICLE	IF	CITATIONS
19	GCN2 Whets the Appetite for Amino Acids. Molecular Cell, 2005, 18, 141-142.	9.7	54
20	Gene-Specific Regulation by General Translation Factors. Cell, 2002, 108, 545-556.	28.9	650
21	Uncoupling of Initiation Factor eIF5B/IF2 GTPase and Translational Activities by Mutations that Lower Ribosome Affinity. Cell, 2002, 111, 1015-1025.	28.9	123
22	The joining of ribosomal subunits in eukaryotes requires eIF5B. Nature, 2000, 403, 332-335.	27.8	355