Ilya Terenin

List of Publications by Year
in descending order

30	1,671	394421 19	477307 29
papers	citations	h-index	g-index

31	31	31	1857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Translation of 5â€² leaders is pervasive in genes resistant to eIF2 repression. ELife, 2015, 4, e03971.	6.0	294
2	Eukaryotic translation initiation machinery can operate in a bacterial-like mode without eIF2. Nature Structural and Molecular Biology, 2008, 15, 836-841.	8.2	163
3	GTP-independent tRNA Delivery to the Ribosomal P-site by a Novel Eukaryotic Translation Factor. Journal of Biological Chemistry, 2010, 285, 26779-26787.	3.4	144
4	Efficient Translation Initiation Directed by the 900-Nucleotide-Long and GC-Rich 5â€² Untranslated Region of the Human Retrotransposon LINE-1 mRNA Is Strictly Cap Dependent Rather than Internal Ribosome Entry Site Mediated. Molecular and Cellular Biology, 2007, 27, 4685-4697.	2.3	111
5	Cap- and IRES-Independent Scanning Mechanism of Translation Initiation as an Alternative to the Concept of Cellular IRESs. Molecules and Cells, 2010, 30, 285-294.	2.6	103
6	Differential contribution of the m7G-cap to the 5â€² end-dependent translation initiation of mammalian mRNAs. Nucleic Acids Research, 2009, 37, 6135-6147.	14.5	79
7	Cap-Independent Translation: Whatâ€™s in a Name?. Trends in Biochemical Sciences, 2018, 43, 882-895.	7.5	77
8	A Cross-Kingdom Internal Ribosome Entry Site Reveals a Simplified Mode of Internal Ribosome Entry. Molecular and Cellular Biology, 2005, 25, 7879-7888.	2.3	75
9	A researcherâ€™s guide to the galaxy of IRESs. Cellular and Molecular Life Sciences, 2017, 74, 1431-1455.	5.4	68
10	Pyrimidine tract binding protein strongly stimulates in vitro encephalomyocarditis virus RNA translation at the level of preinitiation complex formation. FEBS Letters, 1994, 351, 299-302.	2.8	63
11	A Leaderless mRNA Can Bind to Mammalian 80S Ribosomes and Direct Polypeptide Synthesis in the Absence of Translation Initiation Factors. Molecular and Cellular Biology, 2006, 26, 3164-3169.	2.3	60
12	A novel mechanism of eukaryotic translation initiation that is neither m7G-cap-, nor IRES-dependent. Nucleic Acids Research, 2013, 41, 1807-1816.	14.5	57
13	Transcriptome-wide studies uncover the diversity of modes of mRNA recruitment to eukaryotic ribosomes. Critical Reviews in Biochemistry and Molecular Biology, 2014, 49, 164-177.	5.2	52
14	Four translation initiation pathways employed by the leaderless mRNA in eukaryotes. Scientific Reports, 2016, 6, 37905.	3.3	40
15	Sliding of a 43S ribosomal complex from the recognized AUG codon triggered by a delay in eIF2-bound GTP hydrolysis. Nucleic Acids Research, 2016, 44, 1882-1893.	14.5	31
16	Functional Cyclization of Eukaryotic mRNAs. International Journal of Molecular Sciences, 2020, 21, 1677.	4.1	31
17	A technique to increase protein yield in a rabbit reticulocyte lysate translation system. BioTechniques, 2014, 56, 36-39.	1.8	28
18	The 5â€² untranslated region of Apafâ€1 mRNA directs translation under apoptosis conditions via a 5â€² endâ€dependent scanning mechanism. FEBS Letters, 2012, 586, 4139-4143.	2.8	25

#	Article	IF	Citations
19	Polyadenylate-binding proteinâ€“interacting proteins PAIP1 and PAIP2 affect translation termination. Journal of Biological Chemistry, 2019, 294, 8630-8639.	3.4	25
20	Non-Canonical Translation Initiation Mechanisms Employed by Eukaryotic Viral mRNAs. Biochemistry (Moscow), 2021, 86, 1060-1094.	1.5	22
21	Ribosomal leaky scanning through a translated uORF requires eIF4G2. Nucleic Acids Research, 2022, 50, 1111-1127.	14.5	21
22	Pros and cons of pDNA and mRNA transfection to study mRNA translation in mammalian cells. Gene, 2016, 578, 1-6.	2.2	20
23	Does HIV-1 mRNA 5'-untranslated region bear an internal ribosome entry site?. Biochimie, 2016, 121, 228-237.	2.6	18
24	Translation control of mRNAs encoding mammalian translation initiation factors. Gene, 2018, 651, 174-182.	2.2	16
25	eIF4G2 balances its own mRNA translation via a PCBP2-based feedback loop. Rna, 2019, 25, 757-767.	3.5	14
26	Translatome and transcriptome analysis of TMA20 (MCT-1) and TMA64 (eIF2D) knockout yeast strains. Data in Brief, 2019, 23, 103701.	1.0	14
27	A novel uORF-based regulatory mechanism controls translation of the human MDM2 and eIF2D mRNAs during stress. Biochimie, 2019, 157, 92-101.	2.6	12
28	Discovery of a novel role of tumor suppressor PDCD4 in stimulation of translation termination. Journal of Biological Chemistry, 2021, 297, 101269.	3.4	4
29	Clinically observed deletions in SARSâ€CoVâ€2 Nsp1 affect its stability and ability to inhibit translation. FEBS Letters, 2022, 596, 1203-1213.	2.8	3
30	Eukaryotic translation initiation machinery can operate in a prokaryotic-like mode without eIF2. Nature Precedings, 2008, , .	0.1	0