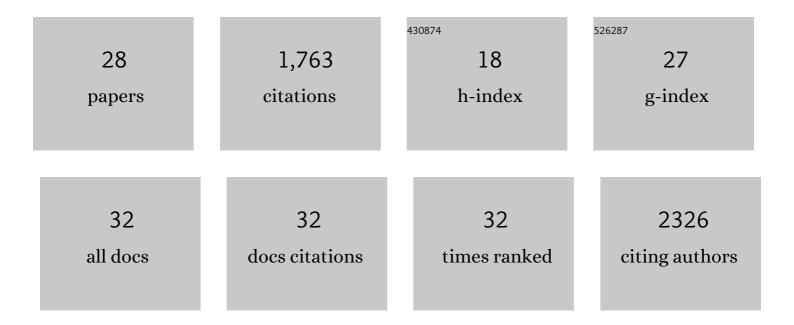
Gary Loughran

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3680543/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Ribosomal frameshifting and transcriptional slippage: From genetic steganography and cryptography to adventitious use. Nucleic Acids Research, 2016, 44, gkw530.	14.5	238
2	Evidence of efficient stop codon readthrough in four mammalian genes. Nucleic Acids Research, 2014, 42, 8928-8938.	14.5	184
3	Structural basis of ribosomal frameshifting during translation of the SARS-CoV-2 RNA genome. Science, 2021, 372, 1306-1313.	12.6	165
4	Initiation context modulates autoregulation of eukaryotic translation initiation factor 1 (elF1). Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18056-18060.	7.1	125
5	Insights into the mechanisms of eukaryotic translation gained with ribosome profiling. Nucleic Acids Research, 2017, 45, 513-526.	14.5	124
6	Polyamine Control of Translation Elongation Regulates Start Site Selection on Antizyme Inhibitor mRNA via Ribosome Queuing. Molecular Cell, 2018, 70, 254-264.e6.	9.7	112
7	A case for "StopGo": Reprogramming translation to augment codon meaning of GGN by promoting unconventional termination (Stop) after addition of glycine and then allowing continued translation (Go). Rna, 2007, 13, 803-810.	3.5	104
8	Stringency of start codon selection modulates autoregulation of translation initiation factor eIF5. Nucleic Acids Research, 2012, 40, 2898-2906.	14.5	99
9	uORFs with unusual translational start codons autoregulate expression of eukaryotic ornithine decarboxylase homologs. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10079-10084.	7.1	90
10	Ribosomal frameshifting into an overlapping gene in the 2B-encoding region of the cardiovirus genome. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1111-9.	7.1	67
11	Avoidance of reporter assay distortions from fused dual reporters. Rna, 2017, 23, 1285-1289.	3.5	63
12	AMD1 mRNA employs ribosome stalling as a mechanism for molecular memory formation. Nature, 2018, 553, 356-360.	27.8	63
13	Stop codon readthrough generates a C-terminally extended variant of the human vitamin D receptor with reduced calcitriol response. Journal of Biological Chemistry, 2018, 293, 4434-4444.	3.4	59
14	Systematic analysis of the <i>PTEN</i> 5′ leader identifies a major AUU initiated proteoform. Open Biology, 2016, 6, 150203.	3.6	39
15	Unusually efficient CUG initiation of an overlapping reading frame in <i>POLG</i> mRNA yields novel protein POLGARF. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24936-24946.	7.1	30
16	TASEP modelling provides a parsimonious explanation for the ability of a single uORF to derepress translation during the integrated stress response. ELife, 2018, 7, .	6.0	28
17	Non-AUG translation initiation in mammals. Genome Biology, 2022, 23, 111.	8.8	25
18	Characterization of Ribosomal Frameshifting in Theiler's Murine Encephalomyelitis Virus. Journal of Virology, 2015, 89, 8580-8589.	3.4	23

GARY LOUGHRAN

#	Article	IF	CITATIONS
19	Translational autoregulation of BZW1 and BZW2 expression by modulating the stringency of start codon selection. PLoS ONE, 2018, 13, e0192648.	2.5	20
20	Multiple RNA structures affect translation initiation and UGA redefinition efficiency during synthesis of selenoprotein P. Nucleic Acids Research, 2017, 45, 13004-13015.	14.5	18
21	Processive Recoding and MetazoanÂEvolution of SelenoproteinÂP: Up to 132 UGAs in Molluscs. Journal of Molecular Biology, 2019, 431, 4381-4407.	4.2	18
22	Evaluating ribosomal frameshifting in CCR5 mRNA decoding. Nature, 2022, 604, E16-E23.	27.8	18
23	Translation control of mRNAs encoding mammalian translation initiation factors. Gene, 2018, 651, 174-182.	2.2	16
24	Tissue-specific dynamic codon redefinition in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10
25	A [Cu]rious Ribosomal Profiling Pattern Leads to the Discovery of Ribosomal Frameshifting in the Synthesis of a Copper Chaperone. Molecular Cell, 2017, 65, 203-204.	9.7	4
26	Catch me if you can: trapping scanning ribosomes in their footsteps. Nature Structural and Molecular Biology, 2016, 23, 703-704.	8.2	3
27	From Recoding to Peptides for MHC Class I Immune Display: Enriching Viral Expression, Virus Vulnerability and Virus Evasion. Viruses, 2021, 13, 1251.	3.3	3
28	Stop codon readthrough contexts influence reporter expression differentially depending on the presence of an IRES. Wellcome Open Research, 2020, 5, 221.	1.8	1