

# Botao Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10984459/publications.pdf>

Version: 2024-02-01

18  
papers

1,693  
citations

687363

13  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global mapping of translation initiation sites in mammalian cells at single-nucleotide resolution. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2424-32.	7.1	534
2	Cotranslational Response to Proteotoxic Stress by Elongation Pausing of Ribosomes. Molecular Cell, 2013, 49, 453-463.	9.7	230
3	Quantitative profiling of initiating ribosomes in vivo. Nature Methods, 2015, 12, 147-153.	19.0	222
4	Translational reprogramming in cellular stress response. Wiley Interdisciplinary Reviews RNA, 2014, 5, 301-305.	6.4	193
5	Regulatory discrimination of mRNAs by FMRP controls mouse adult neural stem cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11397-E11405.	7.1	78
6	Translational control of the cytosolic stress response by mitochondrial ribosomal protein L18. Nature Structural and Molecular Biology, 2015, 22, 404-410.	8.2	70
7	FMRP Control of Ribosome Translocation Promotes Chromatin Modifications and Alternative Splicing of Neuronal Genes Linked to Autism. Cell Reports, 2020, 30, 4459-4472.e6.	6.4	63
8	Monitoring cotranslational protein folding in mammalian cells at codon resolution. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12467-12472.	7.1	59
9	Ribosome profiling reveals sequence-independent post-initiation pausing as a signature of translation. Cell Research, 2014, 24, 842-851.	12.0	48
10	Translational Regulation in Nutrigenomics. Advances in Nutrition, 2011, 2, 511-519.	6.4	40
11	FMRP links optimal codons to mRNA stability in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30400-30411.	7.1	38
12	Transcriptional activation of follistatin by Nrf2 protects pulmonary epithelial cells against silica nanoparticle-induced oxidative stress. Scientific Reports, 2016, 6, 21133.	3.3	33
13	Characterizing inactive ribosomes in translational profiling. Translation, 2016, 4, e1138018.	2.9	28
14	Ribosome profiling reveals novel regulation of <i>C9ORF72</i> GGGGCC repeat-containing RNA translation. Rna, 2022, 28, 123-138.	3.5	17
15	Optimization of ribosome profiling using low-input brain tissue from fragile X syndrome model mice. Nucleic Acids Research, 2019, 47, e25-e25.	14.5	16
16	Ribosome profiling in mouse hippocampus: plasticity-induced regulation and bidirectional control by TSC2 and FMRP. Molecular Autism, 2020, 11, 78.	4.9	10
17	SEN3-mediated host defense response contains HBV replication and restores protein synthesis. PLoS ONE, 2019, 14, e0209179.	2.5	7
18	Viewing folding of nascent polypeptide chains from ribosomes. Expert Review of Proteomics, 2012, 9, 579-581.	3.0	2