

Botao Liu

List of Publications by Year in descending order

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