Tyler Matheny

List of Publications by Year
in descending order

11 papers	2,029 citations	933447 10 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	2671 citing authors

#	Article	IF	Citations
1	Distinct stages in stress granule assembly and disassembly. ELife, 2016, 5, .	6.0	593
2	The Stress Granule Transcriptome Reveals Principles of mRNA Accumulation in Stress Granules. Molecular Cell, 2017, 68, 808-820.e5.	9.7	580
3	RNA self-assembly contributes to stress granule formation and defining the stress granule transcriptome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2734-2739.	7.1	402
4	Identification of NAD ⁺ capped mRNAs in Saccharomyces cerevisiae. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 480-485.	7.1	118
5	RNase L Reprograms Translation by Widespread mRNA Turnover Escaped by Antiviral mRNAs. Molecular Cell, 2019, 75, 1203-1217.e5.	9.7	93
6	Transcriptome-Wide Comparison of Stress Granules and P-Bodies Reveals that Translation Plays a Major Role in RNA Partitioning. Molecular and Cellular Biology, 2019, 39, .	2.3	63
7	RNA partitioning into stress granules is based on the summation of multiple interactions. Rna, 2021, 27, 174-189.	3.5	58
8	Isolation of mammalian stress granule cores for RNA-Seq analysis. Methods, 2018, 137, 49-54.	3.8	43
9	Limited effects of m6A modification on mRNA partitioning into stress granules. Nature Communications, 2022, 13, .	12.8	28
10	Quantitative proteomics identifies proteins that resist translational repression and become dysregulated in ALS-FUS. Human Molecular Genetics, 2019, 28, 2143-2160.	2.9	17
11	Haploinsufficiency, Dominant Negative, and Gain-of-Function Mechanisms in Epilepsy: Matching Therapeutic Approach to the Pathophysiology. Neurotherapeutics, 2021, 18, 1500-1514.	4.4	9