

Audrey M Michel

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,124
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1725
citing authors

#	ARTICLE	IF	CITATIONS
1	GWIPS-viz: development of a ribo-seq genome browser. <i>Nucleic Acids Research</i> , 2014, 42, D859-D864.	14.5	223
2	Identification of evolutionarily conserved non-AUG-initiated N-terminal extensions in human coding sequences. <i>Nucleic Acids Research</i> , 2011, 39, 4220-4234.	14.5	195
3	Observation of dually decoded regions of the human genome using ribosome profiling data. <i>Genome Research</i> , 2012, 22, 2219-2229.	5.5	169
4	RiboGalaxy: A browser based platform for the alignment, analysis and visualization of ribosome profiling data. <i>RNA Biology</i> , 2016, 13, 316-319.	3.1	81
5	Ribosome profiling: a Hi-def monitor for protein synthesis at the genome-wide scale. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 473-490.	6.4	72
6	AMD1 mRNA employs ribosome stalling as a mechanism for molecular memory formation. <i>Nature</i> , 2018, 553, 356-360.	27.8	63
7	GWIPS-viz: 2018 update. <i>Nucleic Acids Research</i> , 2018, 46, D823-D830.	14.5	45
8	Trips-Viz: a transcriptome browser for exploring Ribo-Seq data. <i>Nucleic Acids Research</i> , 2019, 47, D847-D852.	14.5	42
9	Computational methods for ribosome profiling data analysis. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1577.	6.4	34
10	Unusually efficient CUG initiation of an overlapping reading frame in <i>POLG</i> mRNA yields novel protein POLGARF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24936-24946.	7.1	30
11	Hepatitis C Virus Downregulates Core Subunits of Oxidative Phosphorylation, Reminiscent of the Warburg Effect in Cancer Cells. <i>Cells</i> , 2019, 8, 1410.	4.1	29
12	TASEP modelling provides a parsimonious explanation for the ability of a single uORF to derepress translation during the integrated stress response. <i>ELife</i> , 2018, 7, .	6.0	28
13	Translation Initiation from Conserved Non-AUG Codons Provides Additional Layers of Regulation and Coding Capacity. <i>MBio</i> , 2017, 8, .	4.1	25
14	PausePred and Rfeet: webtools for inferring ribosome pauses and visualizing footprint density from ribosome profiling data. <i>Rna</i> , 2018, 24, 1297-1304.	3.5	23
15	Trips-Viz: an environment for the analysis of public and user-generated ribosome profiling data. <i>Nucleic Acids Research</i> , 2021, 49, W662-W670.	14.5	21
16	GWIPS-viz as a tool for exploring ribosome profiling evidence supporting the synthesis of alternative proteoforms. <i>Proteomics</i> , 2015, 15, 2410-2416.	2.2	19
17	Cellular Gene Expression during Hepatitis C Virus Replication as Revealed by Ribosome Profiling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1321.	4.1	15
18	Illuminating translation with ribosome profiling spectra. <i>Nature Methods</i> , 2016, 13, 123-124.	19.0	6

#	ARTICLE	IF	CITATIONS
19	The GWIPSviz Browser. Current Protocols in Bioinformatics, 2018, 62, e50.	25.8	4