

Chase A Weidmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3803909/publications.pdf>

Version: 2024-02-01

15
papers

1,403
citations

686830

13
h-index

996533

15
g-index

21
all docs

21
docs citations

21
times ranked

2050
citing authors

#	ARTICLE	IF	CITATIONS
1	mRNA structure determines specificity of a polyQ-driven phase separation. <i>Science</i> , 2018, 360, 922-927.	6.0	421
2	Genomic RNA Elements Drive Phase Separation of the SARS-CoV-2 Nucleocapsid. <i>Molecular Cell</i> , 2020, 80, 1078-1091.e6.	4.5	255
3	Human Pumilio Proteins Recruit Multiple Deadenylases to Efficiently Repress Messenger RNAs. <i>Journal of Biological Chemistry</i> , 2012, 287, 36370-36383.	1.6	165
4	Guidelines for SHAPE Reagent Choice and Detection Strategy for RNA Structure Probing Studies. <i>Biochemistry</i> , 2019, 58, 2655-2664.	1.2	91
5	The RNA binding domain of Pumilio antagonizes poly-adenosine binding protein and accelerates deadenylation. <i>Rna</i> , 2014, 20, 1298-1319.	1.6	71
6	<i>Drosophila</i> Pumilio Protein Contains Multiple Autonomous Repression Domains That Regulate mRNAs Independently of Nanos and Brain Tumor. <i>Molecular and Cellular Biology</i> , 2012, 32, 527-540.	1.1	70
7	<i>Drosophila</i> Nanos acts as a molecular clamp that modulates the RNA-binding and repression activities of Pumilio. <i>ELife</i> , 2016, 5, .	2.8	66
8	Combinatorial control of messenger RNAs by Pumilio, Nanos and Brain Tumor Proteins. <i>RNA Biology</i> , 2017, 14, 1445-1456.	1.5	51
9	Analysis of RNA-protein networks with RNP-MaP defines functional hubs on RNA. <i>Nature Biotechnology</i> , 2021, 39, 347-356.	9.4	50
10	Targeting the Oncogenic Long Non-coding RNA SLNCR1 by Blocking Its Sequence-Specific Binding to the Androgen Receptor. <i>Cell Reports</i> , 2020, 30, 541-554.e5.	2.9	47
11	Discovery of a large-scale, cell-state-responsive allosteric switch in the 7SK RNA using DANCE-MaP. <i>Molecular Cell</i> , 2022, 82, 1708-1723.e10.	4.5	40
12	Direct Duplex Detection: An Emerging Tool in the RNA Structure Analysis Toolbox. <i>Trends in Biochemical Sciences</i> , 2016, 41, 734-736.	3.7	25
13	Integrated analysis of RNA-binding protein complexes using in vitro selection and high-throughput sequencing and sequence specificity landscapes (SEQRS). <i>Methods</i> , 2017, 118-119, 171-181.	1.9	24
14	Distinct MUNC lncRNA structural domains regulate transcription of different promyogenic factors. <i>Cell Reports</i> , 2022, 38, 110361.	2.9	13
15	SHAPE Probing Reveals Human rRNAs Are Largely Unfolded in Solution. <i>Biochemistry</i> , 2019, 58, 3377-3385.	1.2	11