

Jonathan L Chen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

653
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the SARS-CoV-2 RNA Genome with Small Molecule Binders and Ribonuclease Targeting Chimera (RIBOTAC) Degraders. ACS Central Science, 2020, 6, 1713-1721.	11.3	135
2	Precise small-molecule cleavage of an r(CUG) repeat expansion in a myotonic dystrophy mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7799-7804.	7.1	86
3	Testing the Nearest Neighbor Model for Canonical RNA Base Pairs: Revision of GU Parameters. Biochemistry, 2012, 51, 3508-3522.	2.5	80
4	Using Genome Sequence to Enable the Design of Medicines and Chemical Probes. Chemical Reviews, 2018, 118, 1599-1663.	47.7	64
5	Design, Optimization, and Study of Small Molecules That Target Tau Pre-mRNA and Affect Splicing. Journal of the American Chemical Society, 2020, 142, 8706-8727.	13.7	39
6	Ribonuclease recruitment using a small molecule reduced c9ALS/FTD r(G ₄ C ₂) Tj ETQq0,0,0 rgBT /Overlock 1	12.4	39
7	Target-Directed Approaches for Screening Small Molecules against RNA Targets. SLAS Discovery, 2020, 25, 869-894.	2.7	23
8	A Small Molecule that Binds an RNA Repeat Expansion Stimulates Its Decay via the Exosome Complex. Cell Chemical Biology, 2021, 28, 34-45.e6.	5.2	23
9	Structure and Dynamics of RNA Repeat Expansions That Cause Huntingtonâ€™s Disease and Myotonic Dystrophy Type 1. Biochemistry, 2017, 56, 3463-3474.	2.5	19
10	Small molecule targeting of RNA structures in neurological disorders. Annals of the New York Academy of Sciences, 2020, 1471, 57-71.	3.8	18
11	Structural Features of a 3â€™ Splice Site in Influenza A. Biochemistry, 2015, 54, 3269-3285.	2.5	15
12	RNA structural analysis of the MYC mRNA reveals conserved motifs that affect gene expression. PLoS ONE, 2019, 14, e0213758.	2.5	15
13	A Druglike Small Molecule that Targets r(CCUG) Repeats in Myotonic Dystrophy Type 2 Facilitates Degradation by RNA Quality Control Pathways. Journal of Medicinal Chemistry, 2021, 64, 8474-8485.	6.4	14
14	Nuclear Magnetic Resonance-Assisted Prediction of Secondary Structure for RNA: Incorporation of Direction-Dependent Chemical Shift Constraints. Biochemistry, 2015, 54, 6769-6782.	2.5	13
15	The RNA encoding the microtubule-associated protein tau has extensive structure that affects its biology. PLoS ONE, 2019, 14, e0219210.	2.5	13
16	Structural Features of Small Molecules Targeting the RNA Repeat Expansion That Causes Genetically Defined ALS/FTD. ACS Chemical Biology, 2020, 15, 3112-3123.	3.4	12
17	RNA Secondary Structure Determination by NMR. Methods in Molecular Biology, 2016, 1490, 177-186.	0.9	4