

Jonathan L Chen

List of Publications by Year in descending order

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17
papers

653
citations

687363

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888059

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all docs

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docs citations

20
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	A Small Molecule that Binds an RNA Repeat Expansion Stimulates Its Decay via the Exosome Complex. <i>Cell Chemical Biology</i> , 2021, 28, 34-45.e6.	5.2	23
2	A Druglike Small Molecule that Targets r(CCUG) Repeats in Myotonic Dystrophy Type 2 Facilitates Degradation by RNA Quality Control Pathways. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 8474-8485.	6.4	14
3	Ribonuclease recruitment using a small molecule reduced c9ALS/FTD r(G ₄ C ₂) Tj ETQq1.1 0.784314 rgBT / 12.4 39	12.4	39
4	Small molecule targeting of RNA structures in neurological disorders. <i>Annals of the New York Academy of Sciences</i> , 2020, 1471, 57-71.	3.8	18
5	Targeting the SARS-CoV-2 RNA Genome with Small Molecule Binders and Ribonuclease Targeting Chimera (RIBOTAC) Degraders. <i>ACS Central Science</i> , 2020, 6, 1713-1721.	11.3	135
6	Structural Features of Small Molecules Targeting the RNA Repeat Expansion That Causes Genetically Defined ALS/FTD. <i>ACS Chemical Biology</i> , 2020, 15, 3112-3123.	3.4	12
7	Design, Optimization, and Study of Small Molecules That Target Tau Pre-mRNA and Affect Splicing. <i>Journal of the American Chemical Society</i> , 2020, 142, 8706-8727.	13.7	39
8	Target-Directed Approaches for Screening Small Molecules against RNA Targets. <i>SLAS Discovery</i> , 2020, 25, 869-894.	2.7	23
9	The RNA encoding the microtubule-associated protein tau has extensive structure that affects its biology. <i>PLoS ONE</i> , 2019, 14, e0219210.	2.5	13
10	RNA structural analysis of the MYC mRNA reveals conserved motifs that affect gene expression. <i>PLoS ONE</i> , 2019, 14, e0213758.	2.5	15
11	Precise small-molecule cleavage of an r(CUG) repeat expansion in a myotonic dystrophy mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7799-7804.	7.1	86
12	Using Genome Sequence to Enable the Design of Medicines and Chemical Probes. <i>Chemical Reviews</i> , 2018, 118, 1599-1663.	47.7	64
13	Structure and Dynamics of RNA Repeat Expansions That Cause Huntington's Disease and Myotonic Dystrophy Type 1. <i>Biochemistry</i> , 2017, 56, 3463-3474.	2.5	19
14	RNA Secondary Structure Determination by NMR. <i>Methods in Molecular Biology</i> , 2016, 1490, 177-186.	0.9	4
15	Structural Features of a 3' Splice Site in Influenza A. <i>Biochemistry</i> , 2015, 54, 3269-3285.	2.5	15
16	Nuclear Magnetic Resonance-Assisted Prediction of Secondary Structure for RNA: Incorporation of Direction-Dependent Chemical Shift Constraints. <i>Biochemistry</i> , 2015, 54, 6769-6782.	2.5	13
17	Testing the Nearest Neighbor Model for Canonical RNA Base Pairs: Revision of GU Parameters. <i>Biochemistry</i> , 2012, 51, 3508-3522.	2.5	80