

Christopher P Jones

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,000
citations

471509

17
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Ellagitannins have Greater Oxidative Activities than Condensed Tannins and Galloyl Glucoses at High pH: Potential Impact on Caterpillars. <i>Journal of Chemical Ecology</i> , 2006, 32, 2253-2267.	1.8	133
2	Formation of the tRNA ^{Lys} packaging complex in HIV-1. <i>FEBS Letters</i> , 2010, 584, 359-365.	2.8	82
3	Matrix Domain Modulates HIV-1 Gag's Nucleic Acid Chaperone Activity via Inositol Phosphate Binding. <i>Journal of Virology</i> , 2011, 85, 1594-1603.	3.4	80
4	Diverse interactions of retroviral Gag proteins with RNAs. <i>Trends in Biochemical Sciences</i> , 2011, 36, 373-80.	7.5	79
5	Distinct binding interactions of HIV-1 Gag to Psi and non-Psi RNAs: Implications for viral genomic RNA packaging. <i>Rna</i> , 2013, 19, 1078-1088.	3.5	78
6	Small-angle X-ray scattering-derived structure of the HIV-1 5' UTR reveals 3D tRNA mimicry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3395-3400.	7.1	71
7	Long-Range Interactions in Riboswitch Control of Gene Expression. <i>Annual Review of Biophysics</i> , 2017, 46, 455-481.	10.0	65
8	Tannin Composition Affects the Oxidative Activities of Tree Leaves. <i>Journal of Chemical Ecology</i> , 2006, 32, 2235-2251.	1.8	62
9	Crystal structure of a <i>AMP</i> riboswitch reveals an internally pseudo-dimeric <i>RNA</i> . <i>EMBO Journal</i> , 2014, 33, 2692-2703.	7.8	53
10	Molecular mimicry of human tRNA ^{Lys} anti-codon domain by HIV-1 RNA genome facilitates tRNA primer annealing. <i>Rna</i> , 2013, 19, 219-229.	3.5	43
11	RNA quaternary structure and global symmetry. <i>Trends in Biochemical Sciences</i> , 2015, 40, 211-220.	7.5	40
12	Limited impact of elevated levels of polyphenol oxidase on tree-feeding caterpillars: assessing individual plant defenses with transgenic poplar. <i>Oecologia</i> , 2007, 154, 129-140.	2.0	39
13	Recognition of the bacterial alarmone ZMP through long-distance association of two RNA subdomains. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 679-685.	8.2	39
14	Real-time monitoring of single ZTP riboswitches reveals a complex and kinetically controlled decision landscape. <i>Nature Communications</i> , 2020, 11, 4531.	12.8	36
15	Global analysis of riboswitches by small-angle X-ray scattering and calorimetry. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1020-1029.	1.9	34
16	Crystal structure of the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) frameshifting pseudoknot. <i>Rna</i> , 2022, 28, 239-249.	3.5	25
17	Anticodon-like binding of the HIV-1 tRNA-like element to human lysyl-tRNA synthetase. <i>Rna</i> , 2016, 22, 1828-1835.	3.5	17
18	Parallel Discovery Strategies Provide a Basis for Riboswitch Ligand Design. <i>Cell Chemical Biology</i> , 2020, 27, 1241-1249.e4.	5.2	13

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19	Isothermal Titration Calorimetry Measurements of Riboswitch-Ligand Interactions. <i>Methods in Molecular Biology</i> , 2019, 1964, 75-87.	0.9	9
20	Monitoring co-transcriptional folding of riboswitches through helicase unwinding. <i>Methods in Enzymology</i> , 2019, 623, 209-227.	1.0	2
21	Low-resolution structure of HIV-1 genomic RNA regions obtained by small angle x-ray scattering analysis. <i>FASEB Journal</i> , 2012, 26, lb99.	0.5	0
22	tRNA Primer Sequestration as an Antiviral Strategy. , 2013, , 205-221.		0