

Navtej Toor

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,425
citations

686830

13
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of a Self-Spliced Group II Intron. <i>Science</i> , 2008, 320, 77-82.	6.0	441
2	Coevolution of group II intron RNA structures with their intron-encoded reverse transcriptases. <i>Rna</i> , 2001, 7, 1142-1152.	1.6	233
3	Crystal structure of a eukaryotic group II intron lariat. <i>Nature</i> , 2014, 514, 193-197.	13.7	112
4	Database for mobile group II introns. <i>Nucleic Acids Research</i> , 2003, 31, 424-426.	6.5	110
5	Structural basis for exon recognition by a group II intron. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1221-1222.	3.6	87
6	Tertiary architecture of the <i>Oceanobacillus iheyensis</i> group II intron. <i>Rna</i> , 2010, 16, 57-69.	1.6	68
7	Self-splicing of a group IIC intron: 5' exon recognition and alternative 5' splicing events implicate the stem-loop motif of a transcriptional terminator. <i>Nucleic Acids Research</i> , 2006, 34, 6461-6471.	6.5	67
8	Structural insights into RNA splicing. <i>Current Opinion in Structural Biology</i> , 2009, 19, 260-266.	2.6	60
9	Molecular Mechanism and Evolution of Nuclear Pre-mRNA and Group II Intron Splicing: Insights from Cryo-Electron Microscopy Structures. <i>Chemical Reviews</i> , 2018, 118, 4156-4176.	23.0	52
10	Crystal structure of a group II intron in the pre-catalytic state. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 555-557.	3.6	44
11	Cryo-EM Structures of a Group II Intron Reverse Splicing into DNA. <i>Cell</i> , 2019, 178, 612-623.e12.	13.5	41
12	The GANC Tetraloop: A Novel Motif in the Group IIC Intron Structure. <i>Journal of Molecular Biology</i> , 2008, 383, 475-481.	2.0	31
13	Structural basis for the second step of group II intron splicing. <i>Nature Communications</i> , 2018, 9, 4676.	5.8	26
14	Group II intron lariat: Structural insights into the spliceosome. <i>RNA Biology</i> , 2015, 12, 913-917.	1.5	14
15	Cryo-EM structure of a thermostable bacterial nanocompartment. <i>IUCr</i> , 2021, 8, 342-350.	1.0	14
16	Retroelement origins of pre-mRNA splicing. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1589.	3.2	13
17	Structure determination of group II introns. <i>Methods</i> , 2017, 125, 10-15.	1.9	5
18	Selecting New RNA Crystal Contacts. <i>Structure</i> , 2018, 26, 1166-1167.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Identification of a GUAAY Pentaloop Sequence Involved in a Novel RNA Loop-Helix Interaction. Journal of Molecular Biology, 2016, 428, 4882-4889.	2.0	2
20	SHAPE Profiling to Probe Group II Intron Conformational Dynamics During Splicing. Methods in Molecular Biology, 2021, 2167, 171-182.	0.4	0