

Navtej Toor

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,237
citations

13
h-index

21
g-index

21
ext. papers

1,332
ext. citations

17.6
avg. IF

4.42
L-index

#	Paper	IF	Citations
20	Crystal structure of a self-spliced group II intron. <i>Science</i> , 2008 , 320, 77-82	33.3	396
19	Coevolution of group II intron RNA structures with their intron-encoded reverse transcriptases. <i>Rna</i> , 2001 , 7, 1142-52	5.8	212
18	Crystal structure of a eukaryotic group II intron lariat. <i>Nature</i> , 2014 , 514, 193-7	50.4	99
17	Database for mobile group II introns. <i>Nucleic Acids Research</i> , 2003 , 31, 424-6	20.1	91
16	Structural basis for exon recognition by a group II intron. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 1221-2	17.6	83
15	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, 6461-71	20.1	63
14	Tertiary architecture of the <i>Oceanobacillus iheyensis</i> group II intron. <i>Rna</i> , 2010 , 16, 57-69	5.8	62
13	Structural insights into RNA splicing. <i>Current Opinion in Structural Biology</i> , 2009 , 19, 260-6	8.1	55
12	Crystal structure of a group II intron in the pre-catalytic state. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 555-7	17.6	44
11	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	68.1	30
10	The GANC tetraloop: a novel motif in the group IIC intron structure. <i>Journal of Molecular Biology</i> , 2008 , 383, 475-81	6.5	27
9	Cryo-EM Structures of a Group II Intron Reverse Splicing into DNA. <i>Cell</i> , 2019 , 178, 612-623.e12	56.2	20
8	Structural basis for the second step of group II intron splicing. <i>Nature Communications</i> , 2018 , 9, 4676	17.4	20
7	Group II intron lariat: Structural insights into the spliceosome. <i>RNA Biology</i> , 2015 , 12, 913-7	4.8	10
6	Cryo-EM structure of a thermostable bacterial nanocompartment. <i>IUCrJ</i> , 2021 , 8, 342-350	4.7	9
5	Retroelement origins of pre-mRNA splicing. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020 , 11, e1589	9.3	9
4	Structure determination of group II introns. <i>Methods</i> , 2017 , 125, 10-15	4.6	4

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| 3 | Selecting New RNA Crystal Contacts. <i>Structure</i> , 2018 , 26, 1166-1167 | 5.2 | 2 |
| 2 | Identification of a GUAAY Pentaloop Sequence Involved in a Novel RNA Loop-Helix Interaction. <i>Journal of Molecular Biology</i> , 2016 , 428, 4882-4889 | 6.5 | 1 |
| 1 | SHAPE Profiling to Probe Group II Intron Conformational Dynamics During Splicing. <i>Methods in Molecular Biology</i> , 2021 , 2167, 171-182 | 1.4 | |