Navtej Toor

List of Publications by Year in Descending Order

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	SHAPE Profiling to Probe Group II Intron Conformational Dynamics During Splicing. *Methods in Molecular Biology*, **2021**, 2167, 171-182	1.4	
19	Cryo-EM structure of a thermostable bacterial nanocompartment. *IUCrJ*, **2021**, 8, 342-350	4.7	9
18	Retroelement origins of pre-mRNA splicing. *Wiley Interdisciplinary Reviews RNA*, **2020**, 11, e1589	9.3	9
17	Cryo-EM Structures of a Group II Intron Reverse Splicing into DNA. *Cell*, **2019**, 178, 612-623.e12	56.2	20
16	Molecular Mechanism and Evolution of Nuclear Pre-mRNA and Group II Intron Splicing: Insights from Cryo-Electron Microscopy Structures. *Chemical Reviews*, **2018**, 118, 4156-4176	68.1	30
15	Structural basis for the second step of group II intron splicing. *Nature Communications*, **2018**, 9, 4676	17.4	20
14	Selecting New RNA Crystal Contacts. *Structure*, **2018**, 26, 1166-1167	5.2	2
13	Structure determination of group II introns. *Methods*, **2017**, 125, 10-15	4.6	4
12	Identification of a GUAAY Pentaloop Sequence Involved in a Novel RNA Loop-Helix Interaction. *Journal of Molecular Biology*, **2016**, 428, 4882-4889	6.5	1
11	Group II intron lariat: Structural insights into the spliceosome. *RNA Biology*, **2015**, 12, 913-7	4.8	10
10	Crystal structure of a eukaryotic group II intron lariat. *Nature*, **2014**, 514, 193-7	50.4	99
9	Crystal structure of a group II intron in the pre-catalytic state. *Nature Structural and Molecular Biology*, **2012**, 19, 555-7	17.6	44
8	Tertiary architecture of the Oceanobacillus iheyensis group II intron. *Rna*, **2010**, 16, 57-69	5.8	62
7	Structural insights into RNA splicing. *Current Opinion in Structural Biology*, **2009**, 19, 260-6	8.1	55
6	Structural basis for exon recognition by a group II intron. *Nature Structural and Molecular Biology*, **2008**, 15, 1221-2	17.6	83
5	Crystal structure of a self-spliced group II intron. *Science*, **2008**, 320, 77-82	33.3	396
4	The GANC tetraloop: a novel motif in the group IIC intron structure. *Journal of Molecular Biology*, **2008**, 383, 475-81	6.5	27

List of Publications

3	Self-splicing of a group IIC intron: 5f exon recognition and alternative 5f splicing events implicate the stem-loop motif of a transcriptional terminator. *Nucleic Acids Research*, **2006**, 34, 6461-71	20.1	63
2	Database for mobile group II introns. *Nucleic Acids Research*, **2003**, 31, 424-6	20.1	91
1	Coevolution of group II intron RNA structures with their intron-encoded reverse transcriptases. *Rna* , **2001**, 7, 1142-52	5.8	212