Sebastian M Fica

List of Publications by Year
in descending order

12	1,236	840776 11	1199594 12
papers	citations	h-index	g-index

16	16	16	1208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	RNA catalyses nuclear pre-mRNA splicing. Nature, 2013, 503, 229-234.	27.8	289
2	Cryo-EM structure of the spliceosome immediately after branching. Nature, 2016, 537, 197-201.	27.8	208
3	Structure of a spliceosome remodelled for exon ligation. Nature, 2017, 542, 377-380.	27.8	160
4	Cryo-electron microscopy snapshots of the spliceosome: structural insights into a dynamic ribonucleoprotein machine. Nature Structural and Molecular Biology, 2017, 24, 791-799.	8.2	156
5	Postcatalytic spliceosome structure reveals mechanism of 3â€²â€“splice site selection. Science, 2017, 358, 1283-1288.	12.6	99
6	Evidence for a group II intronâ€“like catalytic triplex in the spliceosome. Nature Structural and Molecular Biology, 2014, 21, 464-471.	8.2	97
7	A human postcatalytic spliceosome structure reveals essential roles of metazoan factors for exon ligation. Science, 2019, 363, 710-714.	12.6	87
8	CryoEM structures of two spliceosomal complexes: starter and dessert at the spliceosome feast. Current Opinion in Structural Biology, 2016, 36, 48-57.	5.7	45
9	A conformational switch in PRP8 mediates metal ion coordination that promotes pre-mRNA exon ligation. Nature Structural and Molecular Biology, 2013, 20, 728-734.	8.2	36
10	Structural basis for conformational equilibrium of the catalytic spliceosome. Molecular Cell, 2021, 81, 1439-1452.e9.	9.7	26
11	Cryo-EM snapshots of the human spliceosome reveal structural adaptions for splicing regulation. Current Opinion in Structural Biology, 2020, 65, 139-148.	5.7	21
12	psiCLIP reveals dynamic RNA binding by DEAH-box helicases before and after exon ligation. Nature Communications, 2021, 12, 1488.	12.8	8