

Matthew J Smola

List of Publications by Year in descending order

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7
papers

1,175
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective 2'-hydroxyl acylation analyzed by primer extension and mutational profiling (SHAPE-MaP) for direct, versatile and accurate RNA structure analysis. <i>Nature Protocols</i> , 2015, 10, 1643-1669.	12.0	286
2	Catalysts from synthetic genetic polymers. <i>Nature</i> , 2015, 518, 427-430.	27.8	230
3	SHAPE reveals transcript-wide interactions, complex structural domains, and protein interactions across the <i>Xist</i> lncRNA in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10322-10327.	7.1	201
4	Functional classification of long non-coding RNAs by k-mer content. <i>Nature Genetics</i> , 2018, 50, 1474-1482.	21.4	198
5	Detection of RNA-Protein Interactions in Living Cells with SHAPE. <i>Biochemistry</i> , 2015, 54, 6867-6875.	2.5	148
6	In-cell RNA structure probing with SHAPE-MaP. <i>Nature Protocols</i> , 2018, 13, 1181-1195.	12.0	88
7	Direct Mapping of Higher-Order RNA Interactions by SHAPE-JuMP. <i>Biochemistry</i> , 2021, 60, 1971-1982.	2.5	24