

# Ali Nahvi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11704153/publications.pdf>

Version: 2024-02-01

16  
papers

5,635  
citations

623734

14  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

5319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thiamine derivatives bind messenger RNAs directly to regulate bacterial gene expression. <i>Nature</i> , 2002, 419, 952-956.	27.8	1,075
2	Control of gene expression by a natural metabolite-responsive ribozyme. <i>Nature</i> , 2004, 428, 281-286.	27.8	847
3	miRNA-Mediated Gene Silencing by Translational Repression Followed by mRNA Deadenylation and Decay. <i>Science</i> , 2012, 336, 237-240.	12.6	765
4	Genetic Control by a Metabolite Binding mRNA. <i>Chemistry and Biology</i> , 2002, 9, 1043-1049.	6.0	686
5	A Parsimonious Model for Gene Regulation by miRNAs. <i>Science</i> , 2011, 331, 550-553.	12.6	442
6	New RNA motifs suggest an expanded scope for riboswitches in bacterial genetic control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6421-6426.	7.1	432
7	An mRNA structure that controls gene expression by binding S-adenosylmethionine. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 701-707.	8.2	406
8	Selective small-molecule inhibition of an RNA structural element. <i>Nature</i> , 2015, 526, 672-677.	27.8	339
9	Coenzyme B12 riboswitches are widespread genetic control elements in prokaryotes. <i>Nucleic Acids Research</i> , 2004, 32, 143-150.	14.5	292
10	Characteristics of the glmS ribozyme suggest only structural roles for divalent metal ions. <i>Rna</i> , 2006, 12, 607-619.	3.5	102
11	Discovery of Selective RNA-Binding Small Molecules by Affinity-Selection Mass Spectrometry. <i>ACS Chemical Biology</i> , 2018, 13, 820-831.	3.4	78
12	Targeting RNA with Small Molecules: Identification of Selective, RNA-Binding Small Molecules Occupying Drug-Like Chemical Space. <i>SLAS Discovery</i> , 2020, 25, 384-396.	2.7	73
13	Allosteric regulation of Argonaute proteins by miRNAs. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 144-150.	8.2	60
14	An expanded seed sequence definition accounts for full regulation of the 3' UTR by bantam miRNA. <i>Rna</i> , 2009, 15, 814-822.	3.5	32
15	Structural Analysis of RNA Backbone Using In-Line Probing. <i>Methods in Enzymology</i> , 2013, 530, 381-397.	1.0	6
16	Riboswitches as Genetic Control Elements. , 2006, , 89-106.		0