Sidney Altman

List of Publications by Year
in descending order

24	923	567281 15	642732 23
papers	citations	h-index	g-index

24	24	24	1263
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antisense oligonucleotide gapmers containing phosphoryl guanidine groups reverse MDR1-mediated multiple drug resistance of tumor cells. Molecular Therapy - Nucleic Acids, 2022, 27, 211-226.	5.1	10
2	Liquid drop of DNA libraries reveals total genome information. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27300-27306.	7.1	4
3	Mesyl phosphoramidate backbone modified antisense oligonucleotides targeting miR-21 with enhanced in vivo therapeutic potency. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32370-32379.	7.1	34
4	Peptide conjugated morpholinos for management of the huanglongbing pathosystem. Pest Management Science, 2020, 76, 3217-3224.	3.4	9
5	A kinase bioscavenger provides antibiotic resistance by extremely tight substrate binding. Science Advances, 2020, 6, eaaz9861.	10.3	17
6	Novel Peptide Conjugates of Modified Oligonucleotides for Inhibition of Bacterial RNase P. Frontiers in Pharmacology, 2019, 10, 813.	3.5	5
7	Ultrahigh-throughput functional profiling of microbiota communities. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9551-9556.	7.1	79
8	Microfluidic droplet platform for ultrahigh-throughput single-cell screening of biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2550-2555.	7.1	182
9	Combinatorial development of antibacterial Zr-Cu-Al-Ag thin film metallic glasses. Scientific Reports, 2016, 6, 26950.	3.3	57
10	Aptamers against pathogenic microorganisms. Critical Reviews in Microbiology, 2016, 42, 847-865.	6.1	83
11	Human RNase P ribonucleoprotein is required for formation of initiation complexes of RNA polymerase III. Nucleic Acids Research, 2015, 43, 5442-5450.	14.5	22
12	Targeting protein translation, RNA splicing, and degradation by morpholino-based conjugates in Plasmodium falciparum. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11935-11940.	7.1	15
13	The RNAâ€“Protein World. Rna, 2013, 19, 589-590.	3.5	18
14	Ribonuclease P. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2936-2941.	4.0	35
15	A view of RNase P. Molecular BioSystems, 2007, 3, 604.	2.9	83
16	Masters of DNA. Journal of Biological Chemistry, 2005, 280, 14361-14365.	3.4	5
17	RNase P cleaves transient structures in some riboswitches. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11284-11289.	7.1	75
18	RNA Processing: A Postdoc in a Great Laboratory. Genetics, 2003, 165, 1633-1639.	2.9	4

#	Article	IF	Citations
19	Proteinâ€“RNA interactions in the subunits of human nuclear RNase P. Rna, 2001, 7, 937-941.	3.5	51
20	Function and subnuclear distribution of Rpp21, a protein subunit of the human ribonucleoprotein ribonuclease P. Rna, 2001, 7, 1153-1164.	3.5	50
21	Varieties of RNase P: A nomenclature problem?. Rna, 2000, 6, 1689-1694.	3.5	11
22	Rpp14 and Rpp29, two protein subunits of human ribonuclease P. Rna, 1999, 5, 153-157.	3.5	50
23	Multiple binding modes of substrate to the catalytic RNA subunit of RNase P from Escherichia coli. Rna, 1999, 5, 1021-1033.	3.5	24
24	Common Courtesy. Science, 1999, 285, 1489-1489.	12.6	0