

Kei Kitahara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11009763/publications.pdf>

Version: 2024-02-01

13
papers

304
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	The RNA acetyltransferase driven by ATP hydrolysis synthesizes N4-acetylcytidine of tRNA anticodon. EMBO Journal, 2008, 27, 2194-2203.	7.8	79
2	Revisiting bacterial phylogeny. Mobile Genetic Elements, 2013, 3, e24210.	1.8	52
3	Mutational robustness of 16S ribosomal RNA, shown by experimental horizontal gene transfer in <i>Escherichia coli</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19220-19225.	7.1	35
4	The Ordered Transcription of RNA Domains Is Not Essential for Ribosome Biogenesis in <i>Escherichia coli</i> . Molecular Cell, 2009, 34, 760-766.	9.7	33
5	Specific inhibition of bacterial RNase T2 by helix 41 of 16S ribosomal RNA. Nature Communications, 2011, 2, 549.	12.8	28
6	Base methylations in the double-stranded RNA by a fused methyltransferase bearing unwinding activity. Nucleic Acids Research, 2012, 40, 4071-4085.	14.5	28
7	Comparative RNA function analysis reveals high functional similarity between distantly related bacterial 16 S rRNAs. Scientific Reports, 2017, 7, 9993.	3.3	28
8	Functional genetic selection of Helix 66 in <i>Escherichia coli</i> 23S rRNA identified the eukaryotic-binding sequence for ribosomal protein L2. Nucleic Acids Research, 2007, 35, 4018-4029.	14.5	11
9	Functional metagenomic approach to identify overlooked antibiotic resistance mutations in bacterial rRNA. Scientific Reports, 2018, 8, 5179.	3.3	9
10	Systematic deletion of rRNAs for investigating ribosome architecture and function. Nucleic Acids Symposium Series, 2006, 50, 287-288.	0.3	1
11	3P214 Investigating bactericidal mechanism of antimicrobial peptids(13B. Biological & Artificial) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.1	0
12	Circular permutants of the ribosomes in the cell. FASEB Journal, 2009, 23, 80.1.	0.5	0
13	Constructing Mutant Ribosomes Containing Mutant Ribosomal RNAs. , 2018, , 17-32.		0