

Simon Rose

List of Publications by Year in descending order

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16
papers

1,997
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

3569
citing authors

#	ARTICLE	IF	CITATIONS
1	The hyperthermophilic partners Nanoarchaeum and Ignicoccus stabilize their tRNA T-loops via different but structurally equivalent modifications. Nucleic Acids Research, 2020, 48, 6906-6918.	14.5	12
2	Reductive Evolution and Diversification of C5-Uracil Methylation in the Nucleic Acids of Mollicutes. Biomolecules, 2020, 10, 587.	4.0	8
3	Helcococcus kunzii methyltransferase Erm(47) responsible for MLSB resistance is induced by diverse ribosome-targeting antibiotics. Journal of Antimicrobial Chemotherapy, 2019, 75, 371-378.	3.0	0
4	Integrative and Conjugative Elements (ICEs) in Pasteurellaceae Species and Their Detection by Multiplex PCR. Frontiers in Microbiology, 2018, 9, 1329.	3.5	26
5	Bypassing rRNA methylation by RsmA/Dim1 during ribosome maturation in the hyperthermophilic archaeon Nanoarchaeum equitans. Nucleic Acids Research, 2017, 45, gkw839.	14.5	19
6	Biofilm Formation and Motility Are Promoted by Cj0588-Directed Methylation of rRNA in Campylobacter jejuni. Frontiers in Cellular and Infection Microbiology, 2017, 7, 533.	3.9	18
7	Overexpression of the mitochondrial methyltransferase TFB1M in the mouse does not impact mitoribosomal methylation status or hearing. Human Molecular Genetics, 2015, 24, 7286-7294.	2.9	12
8	Resistance to ketolide antibiotics by coordinated expression of rRNA methyltransferases in a bacterial producer of natural ketolides. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12956-12961.	7.1	26
9	The flavoprotein Mcap0476 (RlmFO) catalyzes m ⁵ U1939 modification in Mycoplasma capricolum 23S rRNA. Nucleic Acids Research, 2014, 42, 8073-8082.	14.5	38
10	Multiplex PCR To Identify Macrolide Resistance Determinants in Mannheimia haemolytica and Pasteurella multocida. Antimicrobial Agents and Chemotherapy, 2012, 56, 3664-3669.	3.2	29
11	A novel Erm monomethyltransferase in antibiotic-resistant isolates of Mannheimia haemolytica and Pasteurella multocida. Molecular Microbiology, 2011, 80, 184-194.	2.5	42
12	Specificity shifts in the rRNA and tRNA nucleotide targets of archaeal and bacterial m ⁵ U methyltransferases. Rna, 2011, 17, 45-53.	3.5	31
13	A single methyltransferase YefA (RlmCD) catalyses both m ⁵ U747 and m ⁵ U1939 modifications in Bacillus subtilis 23S rRNA. Nucleic Acids Research, 2011, 39, 9368-9375.	14.5	35
14	Combinations of Macrolide Resistance Determinants in Field Isolates of Mannheimia haemolytica and Pasteurella multocida. Antimicrobial Agents and Chemotherapy, 2011, 55, 4128-4133.	3.2	33
15	RBP2 Belongs to a Family of Demethylases, Specific for Tri- and Dimethylated Lysine 4 on Histone 3. Cell, 2007, 128, 1063-1076.	28.9	485
16	UTX and JMJD3 are histone H3K27 demethylases involved in HOX gene regulation and development. Nature, 2007, 449, 731-734.	27.8	1,183