

Simon Rose

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,997
citations

759055

12
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

3569
citing authors

#	ARTICLE	IF	CITATIONS
1	UTX and JMJD3 are histone H3K27 demethylases involved in HOX gene regulation and development. <i>Nature</i> , 2007, 449, 731-734.	13.7	1,183
2	RBP2 Belongs to a Family of Demethylases, Specific for Tri-and Dimethylated Lysine 4 on Histone 3. <i>Cell</i> , 2007, 128, 1063-1076.	13.5	485
3	A novel Erm monomethyltransferase in antibiotic-resistant isolates of <i>Mannheimia haemolytica</i> and <i>Pasteurella multocida</i> . <i>Molecular Microbiology</i> , 2011, 80, 184-194.	1.2	42
4	The flavoprotein Mcap0476 (RlmFO) catalyzes m ⁵ U1939 modification in <i>Mycoplasma capricolum</i> 23S rRNA. <i>Nucleic Acids Research</i> , 2014, 42, 8073-8082.	6.5	38
5	A single methyltransferase YefA (RlmCD) catalyses both m ⁵ U747 and m ⁵ U1939 modifications in <i>Bacillus subtilis</i> 23S rRNA. <i>Nucleic Acids Research</i> , 2011, 39, 9368-9375.	6.5	35
6	Combinations of Macrolide Resistance Determinants in Field Isolates of <i>Mannheimia haemolytica</i> and <i>Pasteurella multocida</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4128-4133.	1.4	33
7	Specificity shifts in the rRNA and tRNA nucleotide targets of archaeal and bacterial m ⁵ U methyltransferases. <i>Rna</i> , 2011, 17, 45-53.	1.6	31
8	Multiplex PCR To Identify Macrolide Resistance Determinants in <i>Mannheimia haemolytica</i> and <i>Pasteurella multocida</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3664-3669.	1.4	29
9	Resistance to ketolide antibiotics by coordinated expression of rRNA methyltransferases in a bacterial producer of natural ketolides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12956-12961.	3.3	26
10	Integrative and Conjugative Elements (ICEs) in Pasteurellaceae Species and Their Detection by Multiplex PCR. <i>Frontiers in Microbiology</i> , 2018, 9, 1329.	1.5	26
11	Bypassing rRNA methylation by RsmA/Dim1 during ribosome maturation in the hyperthermophilic archaeon <i>Nanoarchaeum equitans</i> . <i>Nucleic Acids Research</i> , 2017, 45, gkw839.	6.5	19
12	Biofilm Formation and Motility Are Promoted by Cj0588-Directed Methylation of rRNA in <i>Campylobacter jejuni</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 533.	1.8	18
13	Overexpression of the mitochondrial methyltransferase TFB1M in the mouse does not impact mitoribosomal methylation status or hearing. <i>Human Molecular Genetics</i> , 2015, 24, 7286-7294.	1.4	12
14	The hyperthermophilic partners <i>Nanoarchaeum</i> and <i>Ignicoccus</i> stabilize their tRNA T-loops via different but structurally equivalent modifications. <i>Nucleic Acids Research</i> , 2020, 48, 6906-6918.	6.5	12
15	Reductive Evolution and Diversification of C5-Uracil Methylation in the Nucleic Acids of Mollicutes. <i>Biomolecules</i> , 2020, 10, 587.	1.8	8
16	<i>Helcococcus kunzii</i> methyltransferase Erm(47) responsible for MLSB resistance is induced by diverse ribosome-targeting antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 75, 371-378.	1.3	0