

Finn Kirpekar

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

977
citations

471371

17
h-index

642610

23
g-index

23
all docs

23
docs citations

23
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of internal N7-methylguanosine (m7G) RNA modifications by mutational profiling sequencing. <i>Nucleic Acids Research</i> , 2019, 47, e126-e126.	6.5	124
2	Detection of pseudouridine and other modifications in tRNA by cyanoethylation and MALDI mass spectrometry. <i>Nucleic Acids Research</i> , 2002, 30, 135e-135.	6.5	106
3	The human methyltransferase ZCCHC4 catalyses N6-methyladenosine modification of 28S ribosomal RNA. <i>Nucleic Acids Research</i> , 2020, 48, 830-846.	6.5	88
4	Identifying Modifications in RNA by MALDI Mass Spectrometry. <i>Methods in Enzymology</i> , 2007, 425, 1-20.	0.4	86
5	A novel partial modification at C2501 in <i>Escherichia coli</i> 23S ribosomal RNA. <i>Rna</i> , 2004, 10, 907-913.	1.6	83
6	Identifying the methyltransferases for m5U747 and m5U1939 in 23S rRNA using MALDI mass spectrometry. <i>Nucleic Acids Research</i> , 2003, 31, 4738-4746.	6.5	79
7	RNA fragmentation in MALDI mass spectrometry studied by H/D-exchange: Mechanisms of general applicability to nucleic acids. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1353-1368.	1.2	53
8	Modifications in <i>Thermus thermophilus</i> 23 S Ribosomal RNA Are Centered in Regions of RNA-RNA Contact. <i>Journal of Biological Chemistry</i> , 2006, 281, 22108-22117.	1.6	46
9	The Archaeon <i>Haloarcula marismortui</i> has Few Modifications in the Central Parts of its 23S Ribosomal RNA. <i>Journal of Molecular Biology</i> , 2005, 348, 563-573.	2.0	40
10	Enzyme catalysed production of sialylated human milk oligosaccharides and galactooligosaccharides by <i>Trypanosoma cruzi</i> trans-sialidase. <i>New Biotechnology</i> , 2014, 31, 156-165.	2.4	36
11	Distinction between the Cfr Methyltransferase Conferring Antibiotic Resistance and the Housekeeping RlmN Methyltransferase. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4019-4026.	1.4	35
12	A <i>Pasteurella multocida</i> sialyltransferase displaying dual trans-sialidase activities for production of 3'-sialyl and 6'-sialyl glycans. <i>Journal of Biotechnology</i> , 2014, 170, 60-67.	1.9	33
13	Identification of 5-Hydroxycytidine at Position 2501 Concludes Characterization of Modified Nucleotides in <i>E. coli</i> 23S rRNA. <i>Journal of Molecular Biology</i> , 2011, 411, 529-536.	2.0	32
14	Protozoan ALKBH8 Oxygenases Display both DNA Repair and tRNA Modification Activities. <i>PLoS ONE</i> , 2014, 9, e98729.	1.1	28
15	Proteomic Changes of <i>Klebsiella pneumoniae</i> in Response to Colistin Treatment and <i>crxB</i> Mutation-Mediated Colistin Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	27
16	Excision of uracil from DNA by hSMUG1 includes strand incision and processing. <i>Nucleic Acids Research</i> , 2019, 47, 779-793.	6.5	21
17	Spatial variability of prokaryotic and viral abundances in the Kermadec and Atacama Trench regions. <i>Limnology and Oceanography</i> , 2021, 66, 2095-2109.	1.6	18
18	Modulating the regioselectivity of a <i>Pasteurella multocida</i> sialyltransferase for biocatalytic production of 3'- and 6'-sialyllactose. <i>Enzyme and Microbial Technology</i> , 2015, 78, 54-62.	1.6	17

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19	The hyperthermophilic partners Nanoarchaeum and Ignicoccus stabilize their tRNA T-loops via different but structurally equivalent modifications. <i>Nucleic Acids Research</i> , 2020, 48, 6906-6918.	6.5	12
20	Automated N-glycan profiling of a mutant <i>Trypanosoma rangeli</i> sialidase expressed in <i>Pichia pastoris</i> , using tandem mass spectrometry and bioinformatics. <i>Glycobiology</i> , 2015, 25, 1350-1361.	1.3	6
21	Mapping of ribosomal 23S ribosomal RNA modifications in <i>Clostridium sporogenes</i> . <i>RNA Biology</i> , 2018, 15, 1-11.	1.5	4
22	Intrinsic Strand-Incision Activity of Human UNG: Implications for Nick Generation in Immunoglobulin Gene Diversification. <i>Frontiers in Immunology</i> , 2021, 12, 762032.	2.2	2
23	Identification of the methyltransferase targeting C2499 in <i>Deinococcus radiodurans</i> 23S ribosomal RNA. <i>Extremophiles</i> , 2016, 20, 91-99.	0.9	1