

Charles T Lauhon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/935349/publications.pdf>

Version: 2024-02-01

8
papers

416
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a reaction intermediate mimic in t6A biosynthesis bound in the active site of the TsaBD heterodimer from <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2021, 49, 2141-2160.	14.5	9
2	Identification and Characterization of Genes Required for 5-Hydroxyuridine Synthesis in <i>Bacillus subtilis</i> and <i>Escherichia coli</i> tRNA. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	12
3	Crystal structure of a 4-thiouridine synthetase-tRNA complex reveals specificity of tRNA U8 modification. <i>Nucleic Acids Research</i> , 2014, 42, 6673-6685.	14.5	46
4	Mechanism of N6-Threonylcarbamoyladenonsine (t ⁶ A) Biosynthesis: Isolation and Characterization of the Intermediate Threonylcarbamoyl-AMP. <i>Biochemistry</i> , 2012, 51, 8950-8963.	2.5	64
5	Substitutions in an Active Site Loop of <i>Escherichia coli</i> IscS Result in Specific Defects in Fe-S Cluster and Thionucleoside Biosynthesis in Vivo. <i>Journal of Biological Chemistry</i> , 2004, 279, 19551-19558.	3.4	38
6	Substrate Specificity for 4-Thiouridine Modification in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 23022-23029.	3.4	42
7	Requirement for IscS in Biosynthesis of All Thionucleosides in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2002, 184, 6820-6829.	2.2	98
8	IscS Is a Sulfurtransferase for the In Vitro Biosynthesis of 4-Thiouridine in <i>Escherichia coli</i> tRNA. <i>Biochemistry</i> , 1999, 38, 16561-16568.	2.5	107