

Charles T Lauhon

List of Publications by Year in descending order

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8
papers

416
citations

1307594
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1588992
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all docs

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docs citations

8
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	IscS Is a Sulfurtransferase for the <i>In Vitro</i> Biosynthesis of 4-Thiouridine in <i>Escherichia coli</i> tRNA ⁶ . <i>Biochemistry</i> , 1999, 38, 16561-16568.	2.5	107
2	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
3	Mechanism of N ⁶ -Threonylcarbamoyladenonsine (t ⁶ A) Biosynthesis: Isolation and Characterization of the Intermediate Threonylcarbamoyl-AMP. <i>Biochemistry</i> , 2012, 51, 8950-8963.	2.5	64
4	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
5	Substrate Specificity for 4-Thiouridine Modification in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 23022-23029.	3.4	42
6	Substitutions in an Active Site Loop of <i>Escherichia coli</i> IscS Result in Specific Defects in Fe-S Cluster and Thionucleoside Biosynthesis <i>In Vivo</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 19551-19558.	3.4	38
7	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
8	Structure of a reaction intermediate mimic in t ⁶ A 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