

Jing Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

394
citations

933447

10
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

646
citing authors

#	ARTICLE	IF	CITATIONS
1	Human lysyl-tRNA synthetase evolves a dynamic structure that can be stabilized by forming complex. Cellular and Molecular Life Sciences, 2022, 79, 128.	5.4	2
2	Characterization of a carboxyl methyltransferase in <i>Fusarium graminearum</i> provides insights into the biosynthesis of fusarin A. Organic and Biomolecular Chemistry, 2021, 19, 6638-6643.	2.8	6
3	Structural analyses of a human lysyl-tRNA synthetase mutant associated with autosomal recessive nonsyndromic hearing impairment. Biochemical and Biophysical Research Communications, 2021, 554, 83-88.	2.1	4
4	Structural basis for the dimerization mechanism of human transcription factor E3. Biochemical and Biophysical Research Communications, 2021, 569, 41-46.	2.1	1
5	Inhibition of <i>Plasmodium falciparum</i> Lysyl-tRNA synthetase via an anaplastic lymphoma kinase inhibitor. Nucleic Acids Research, 2020, 48, 11566-11576.	14.5	17
6	Atomic Resolution Analyses of Isocoumarin Derivatives for Inhibition of Lysyl-tRNA Synthetase. ACS Chemical Biology, 2020, 15, 1016-1025.	3.4	10
7	Second messenger Ap4A polymerizes target protein HINT1 to transduce signals in Fc γ RI-activated mast cells. Nature Communications, 2019, 10, 4664.	12.8	19
8	Retractile lysyl-tRNA synthetase-AIMP2 assembly in the human multi-aminoacyl-tRNA synthetase complex. Journal of Biological Chemistry, 2019, 294, 4775-4783.	3.4	17
9	Post-translational modification of HINT1 mediates activation of MITF transcriptional activity in human melanoma cells. Oncogene, 2017, 36, 4732-4738.	5.9	31
10	Development of an HTS-Compatible Assay for Discovery of Melanoma-Related Microphthalmia Transcription Factor Disruptors Using AlphaScreen Technology. SLAS Discovery, 2017, 22, 58-66.	2.7	4
11	Structural Basis for Specific Inhibition of tRNA Synthetase by an ATP Competitive Inhibitor. Chemistry and Biology, 2015, 22, 734-744.	6.0	38
12	Chemical inhibition of prometastatic lysyl-tRNA synthetase ϵ laminin receptor interaction. Nature Chemical Biology, 2014, 10, 29-34.	8.0	55
13	Structural Switch of Lysyl-tRNA Synthetase between Translation and Transcription. Molecular Cell, 2013, 49, 30-42.	9.7	131
14	Side Chain Independent Recognition of Aminoacyl Adenylates by the Hint1 Transcription Suppressor. Journal of Physical Chemistry B, 2012, 116, 6798-6805.	2.6	21
15	Crystallization and preliminary crystallographic studies of UbiG, an O-methyltransferase from <i>Escherichia coli</i> . Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 727-729.	0.7	3
16	Epsin N-terminal homology domains bind on opposite sides of two SNAREs. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12277-12282.	7.1	22
17	Crystal Structure of the Protein l-Isoaspartyl Methyltransferase from <i>Escherichia coli</i> . Cell Biochemistry and Biophysics, 2010, 58, 163-167.	1.8	6
18	Structural Basis for the Specificity of the GAE Domain of γ GGA2 for Its Accessory Proteins Ent3 and Ent5. Biochemistry, 2010, 49, 7949-7955.	2.5	6

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19	Crystallization and preliminary X-ray analysis of Escherichia coli RNase G. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 586-588.	0.7	1