

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	Structural Switch of Lysyl-tRNA Synthetase between Translation and Transcription. <i>Molecular Cell</i> , 2013, 49, 30-42.	9.7	131
2	Chemical inhibition of prometastatic lysyl-tRNA synthetase-laminin receptor interaction. <i>Nature Chemical Biology</i> , 2014, 10, 29-34.	8.0	55
3	Structural Basis for Specific Inhibition of tRNA Synthetase by an ATP Competitive Inhibitor. <i>Chemistry and Biology</i> , 2015, 22, 734-744.	6.0	38
4	Post-translational modification of HINT1 mediates activation of MITF transcriptional activity in human melanoma cells. <i>Oncogene</i> , 2017, 36, 4732-4738.	5.9	31
5	Epsin N-terminal homology domains bind on opposite sides of two SNAREs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12277-12282.	7.1	22
6	Side Chain Independent Recognition of Aminoacyl Adenylates by the Hint1 Transcription Suppressor. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6798-6805.	2.6	21
7	Second messenger Ap4A polymerizes target protein HINT1 to transduce signals in FcγRI-activated mast cells. <i>Nature Communications</i> , 2019, 10, 4664.	12.8	19
8	Retractile lysyl-tRNA synthetase-AIMP2 assembly in the human multi-aminoacyl-tRNA synthetase complex. <i>Journal of Biological Chemistry</i> , 2019, 294, 4775-4783.	3.4	17
9	Inhibition of <i>Plasmodium falciparum</i> Lysyl-tRNA synthetase via an anaplastic lymphoma kinase inhibitor. <i>Nucleic Acids Research</i> , 2020, 48, 11566-11576.	14.5	17
10	Atomic Resolution Analyses of Isocoumarin Derivatives for Inhibition of Lysyl-tRNA Synthetase. <i>ACS Chemical Biology</i> , 2020, 15, 1016-1025.	3.4	10
11	Crystal Structure of the Protein L-Isoaspartyl Methyltransferase from <i>Escherichia coli</i> . <i>Cell Biochemistry and Biophysics</i> , 2010, 58, 163-167.	1.8	6
12	Structural Basis for the Specificity of the GAE Domain of yGGA2 for Its Accessory Proteins Ent3 and Ent5. <i>Biochemistry</i> , 2010, 49, 7949-7955.	2.5	6
13	Characterization of a carboxyl methyltransferase in <i>Fusarium graminearum</i> provides insights into the biosynthesis of fusarin A. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6638-6643.	2.8	6
14	Development of an HTS-Compatible Assay for Discovery of Melanoma-Related Microphthalmia Transcription Factor Disruptors Using AlphaScreen Technology. <i>SLAS Discovery</i> , 2017, 22, 58-66.	2.7	4
15	Structural analyses of a human lysyl-tRNA synthetase mutant associated with autosomal recessive nonsyndromic hearing impairment. <i>Biochemical and Biophysical Research Communications</i> , 2021, 554, 83-88.	2.1	4
16	Crystallization and preliminary crystallographic studies of UbiG, an O-methyltransferase from <i>Escherichia coli</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 727-729.	0.7	3
17	Human lysyl-tRNA synthetase evolves a dynamic structure that can be stabilized by forming complex. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 128.	5.4	2
18	Crystallization and preliminary X-ray analysis of <i>Escherichia coli</i> RNase G. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 586-588.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Structural basis for the dimerization mechanism of human transcription factor E3. <i>Biochemical and Biophysical Research Communications</i> , 2021, 569, 41-46.	2.1	1