

Yee Hwa Wong

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

570
citations

840119

11
h-index

1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

942
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyruvate kinase from <i>Plasmodium falciparum</i> : Structural and kinetic insights into the allosteric mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 370-376.	1.0	7
2	Defining the structural basis for human leukocyte antigen reactivity in clinical transplantation. <i>Scientific Reports</i> , 2020, 10, 18397.	1.6	6
3	Crystal structure and catalytic mechanism of the essential m1G37 tRNA methyltransferase TrmD from <i>Pseudomonas aeruginosa</i> . <i>Rna</i> , 2019, 25, 1481-1496.	1.6	14
4	Thienopyrimidinone Derivatives That Inhibit Bacterial tRNA (Guanine37- <i>N</i> ¹)-Methyltransferase (TrmD) by Restructuring the Active Site with a Tyrosine-Flipping Mechanism. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7788-7805.	2.9	27
5	Targeting the Bacterial Epitranscriptome for Antibiotic Development: Discovery of Novel tRNA-(<i>N</i> ¹ G37) Methyltransferase (TrmD) Inhibitors. <i>ACS Infectious Diseases</i> , 2019, 5, 326-335.	1.8	33
6	Backbone resonance assignment for the full length tRNA-(<i>N</i> 1G37) methyltransferase of <i>Pseudomonas aeruginosa</i> . <i>Biomolecular NMR Assignments</i> , 2019, 13, 327-332.	0.4	0
7	Structural determinants for peptide-bond formation by asparaginyl ligases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11737-11746.	3.3	81
8	Defining the structural basis for human alloantibody binding to human leukocyte antigen allele HLA-A*11:01. <i>Nature Communications</i> , 2019, 10, 893.	5.8	26
9	Insights into Biofilm Dispersal Regulation from the Crystal Structure of the PAS-GGDEF-EAL Region of RbdA from <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	37
10	Molecular basis for dengue virus broad cross-neutralization by humanized monoclonal antibody 513. <i>Scientific Reports</i> , 2018, 8, 8449.	1.6	14
11	Engineering a Catalytically Efficient Recombinant Protein Ligase. <i>Journal of the American Chemical Society</i> , 2017, 139, 5351-5358.	6.6	153
12	Structural Mimicry of the Dengue Virus Envelope Glycoprotein Revealed by the Crystallographic Study of an Idiotype- <i>Anti</i> -idiotype Fab Complex. <i>Journal of Virology</i> , 2017, 91, .	1.5	6
13	Functional Evolution in Orthologous Cell-encoded RNA-dependent RNA Polymerases. <i>Journal of Biological Chemistry</i> , 2016, 291, 9295-9309.	1.6	13
14	Methylation at position 32 of tRNA catalyzed by TrmJ alters oxidative stress response in <i>Pseudomonas aeruginosa</i> . <i>Nucleic Acids Research</i> , 2016, 44, 10834-10848.	6.5	42
15	Structure-Guided Design of an Anti-dengue Antibody Directed to a Non-immunodominant Epitope. <i>Cell</i> , 2015, 162, 493-504.	13.5	111