

Shawn Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5591743/publications.pdf>

Version: 2024-02-01

20
papers

1,442
citations

471509

17
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic incorporation of unnatural amino acids into proteins in mammalian cells. <i>Nature Methods</i> , 2007, 4, 239-244.	19.0	358
2	MicC, a Second Small-RNA Regulator of Omp Protein Expression in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2004, 186, 6689-6697.	2.2	226
3	A bioinformatics based approach to discover small RNA genes in the <i>Escherichia coli</i> genome. <i>BioSystems</i> , 2002, 65, 157-177.	2.0	217
4	Identification of Human Kinases Involved in Hepatitis C Virus Replication by Small Interference RNA Library Screening. <i>Journal of Biological Chemistry</i> , 2008, 283, 29-36.	3.4	95
5	An Improved System for the Generation and Analysis of Mutant Proteins Containing Unnatural Amino Acids in <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2007, 371, 112-122.	4.2	79
6	Total synthesis and antimicrobial evaluation of natural albomycins against clinical pathogens. <i>Nature Communications</i> , 2018, 9, 3445.	12.8	73
7	tRNAs: Cellular barcodes for amino acids. <i>FEBS Letters</i> , 2010, 584, 387-395.	2.8	68
8	Biosynthesis of Albomycin \hat{I}^2 Provides a Template for Assembling Siderophore and Aminoacyl-tRNA Synthetase Inhibitor Conjugates. <i>ACS Chemical Biology</i> , 2012, 7, 1565-1575.	3.4	59
9	Characterization of Two Seryl-tRNA Synthetases in Albomycin-Producing <i>Streptomyces</i> sp. Strain ATCC 700974. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4619-4627.	3.2	52
10	Systematic and functional identification of small non-coding RNAs associated with exogenous biofuel stress in cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Biotechnology for Biofuels</i> , 2017, 10, 57.	6.2	36
11	Inhibition of selenocysteine tRNA ^{[Ser]^{Sec}} aminoacylation provides evidence that aminoacylation is required for regulatory methylation of this tRNA. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 814-819.	2.1	29
12	Isolation and characterization of a <i>Nocardiopsis</i> sp. from honeybee guts. <i>FEMS Microbiology Letters</i> , 2010, 312, 110-118.	1.8	28
13	The <i>Streptomyces venezuelae</i> pikAV gene contains a transcription unit essential for expression of enzymes involved in glycosylation of narbonolide and 10-deoxymethynolide. <i>Gene</i> , 2001, 263, 255-264.	2.2	23
14	Analysis of the biosynthesis of antibacterial cyclic dipeptides in <i>Nocardiopsis alba</i> . <i>Archives of Microbiology</i> , 2014, 196, 765-774.	2.2	21
15	A Branch Point of <i>Streptomyces</i> Sulfur Amino Acid Metabolism Controls the Production of Albomycin. <i>Applied and Environmental Microbiology</i> , 2016, 82, 467-477.	3.1	20
16	Nature's combinatorial biosynthesis and recently engineered production of nucleoside antibiotics in <i>Streptomyces</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 66.	3.6	20
17	Whole-Genome Sequence of <i>Nocardiopsis alba</i> Strain ATCC BAA-2165, Associated with Honeybees. <i>Journal of Bacteriology</i> , 2012, 194, 6358-6359.	2.2	19
18	Investigate Natural Product Indolmycin and the Synthetically Improved Analogue Toward Antimycobacterial Agents. <i>ACS Chemical Biology</i> , 2022, 17, 39-53.	3.4	10

#	ARTICLE	IF	CITATIONS
19	Rediscovery of PF-3845 as a new chemical scaffold inhibiting phenylalanyl-tRNA synthetase in Mycobacterium tuberculosis. Journal of Biological Chemistry, 2021, 296, 100257.	3.4	9
20	Re-discovery of PF-3845 as a new chemical scaffold inhibiting phenylalanyl-tRNA synthetase in. Journal of Biological Chemistry, 2021, , .	3.4	0