

Fong Tian Wong

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

959
citations

840776

11
h-index

794594

19
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23
all docs

23
docs citations

23
times ranked

1495
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas9 strategy for activation of silent Streptomyces biosynthetic gene clusters. <i>Nature Chemical Biology</i> , 2017, 13, 607-609.	8.0	227
2	Accelerating the design of biomimetic materials by integrating RNA-seq with proteomics and materials science. <i>Nature Biotechnology</i> , 2013, 31, 908-915.	17.5	171
3	Combinatorial biosynthesis of polyketides—a perspective. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 117-123.	6.1	126
4	N-Heterocyclic Carbene (NHC)-Catalyzed Direct Amidation of Aldehydes with Nitroso Compounds. <i>Organic Letters</i> , 2008, 10, 2333-2336.	4.6	101
5	Structure and Mechanism of the <i>trans</i> -Acting Acyltransferase from the Disorazole Synthase. <i>Biochemistry</i> , 2011, 50, 6539-6548.	2.5	78
6	Protein-Protein Recognition between Acyltransferases and Acyl Carrier Proteins in Multimodular Polyketide Synthases. <i>Biochemistry</i> , 2010, 49, 95-102.	2.5	52
7	Kinetic Controlled Tag-Catcher Interactions for Directed Covalent Protein Assembly. <i>PLoS ONE</i> , 2016, 11, e0165074.	2.5	52
8	Auroramycin: A Potent Antibiotic from <i>Streptomyces roseosporus</i> by CRISPR-Cas9 Activation. <i>ChemBioChem</i> , 2018, 19, 1716-1719.	2.6	41
9	Characterization of Cas proteins for CRISPR-Cas editing in streptomycetes. <i>Biotechnology and Bioengineering</i> , 2019, 116, 2330-2338.	3.3	27
10	The Biosynthetic Landscape of Triceptides Reveals Radical SAM Enzymes That Catalyze Cyclophane Formation on Tyr- and His-Containing Motifs. <i>Journal of the American Chemical Society</i> , 2022, 144, 11580-11593.	13.7	22
11	Epoxide Hydrolase—Lasalocid A Structure Provides Mechanistic Insight into Polyether Natural Product Biosynthesis. <i>Journal of the American Chemical Society</i> , 2015, 137, 86-89.	13.7	21
12	Chemogenomic profiling in yeast reveals antifungal mode-of-action of polyene macrolactam auroramycin. <i>PLoS ONE</i> , 2019, 14, e0218189.	2.5	11
13	A propeptide toolbox for secretion optimization of <i>Flavobacterium meningosepticum</i> endopeptidase in <i>Lactococcus lactis</i> . <i>Microbial Cell Factories</i> , 2017, 16, 221.	4.0	8
14	CRISPR-Cas strategies for natural product discovery and engineering in actinomycetes. <i>Process Biochemistry</i> , 2021, 102, 261-268.	3.7	7
15	Biosynthetic engineering of the antifungal, anti-MRSA auroramycin. <i>Microbial Cell Factories</i> , 2020, 19, 3.	4.0	6
16	Identification and engineering of 32 membered antifungal macrolactone notonesomycins. <i>Microbial Cell Factories</i> , 2020, 19, 71.	4.0	4
17	CRISPR/Cas-Mediated Genome Editing of <i>Streptomyces</i> . <i>Methods in Molecular Biology</i> , 2022, 2479, 207-225.	0.9	2
18	Cytoplasmic expression of a thermostable invertase from <i>Thermotoga maritima</i> in <i>Lactococcus lactis</i> . <i>Biotechnology Letters</i> , 2017, 39, 759-765.	2.2	1