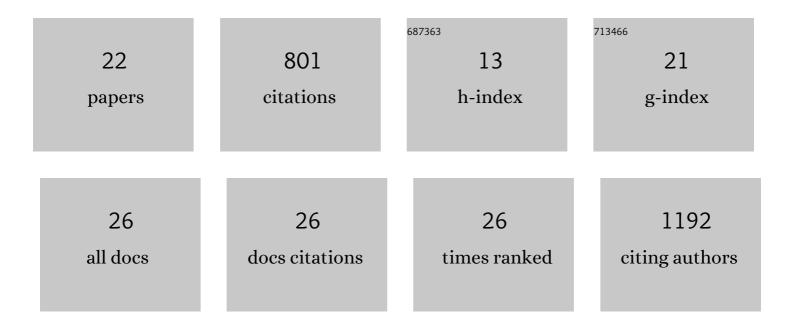
## Xiaoyu Tang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6154695/publications.pdf Version: 2024-02-01



Χιλογμ Τλης

#	Article	IF	CITATIONS
1	Identification of Thiotetronic Acid Antibiotic Biosynthetic Pathways by Target-directed Genome Mining. ACS Chemical Biology, 2015, 10, 2841-2849.	3.4	238
2	Genetic platforms for heterologous expression of microbial natural products. Natural Product Reports, 2019, 36, 1313-1332.	10.3	109
3	Identification of the Bacterial Biosynthetic Gene Clusters of the Oral Microbiome Illuminates the Unexplored Social Language of Bacteria during Health and Disease. MBio, 2019, 10, .	4.1	73
4	Identification of a Napsamycin Biosynthesis Gene Cluster by Genome Mining. ChemBioChem, 2011, 12, 477-487.	2.6	44
5	Cariogenic <i>Streptococcus mutans</i> Produces Tetramic Acid Strain-Specific Antibiotics That Impair Commensal Colonization. ACS Infectious Diseases, 2020, 6, 563-571.	3.8	40
6	Broad-Host-Range Expression Reveals Native and Host Regulatory Elements That Influence Heterologous Antibiotic Production in Gram-Negative Bacteria. MBio, 2017, 8, .	4.1	39
7	Direct cloning and heterologous expression of natural product biosynthetic gene clusters by transformation-associated recombination. Methods in Enzymology, 2019, 621, 87-110.	1.0	37
8	A two-step sulfation in antibiotic biosynthesis requires a type III polyketide synthase. Nature Chemical Biology, 2013, 9, 610-615.	8.0	36
9	<i>Klebsiella</i> and <i>Providencia</i> emerge as lone survivors following long-term starvation of oral microbiota. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8499-8504.	7.1	30
10	Pass-back chain extension expands multimodular assembly line biosynthesis. Nature Chemical Biology, 2020, 16, 42-49.	8.0	28
11	Engineering Salinispora tropica for heterologous expression of natural product biosynthetic gene clusters. Applied Microbiology and Biotechnology, 2018, 102, 8437-8446.	3.6	24
12	Minimization of the Thiolactomycin Biosynthetic Pathway Reveals that the Cytochrome P450 Enzyme TImF Is Required for Fiveâ€Membered Thiolactone Ring Formation. ChemBioChem, 2017, 18, 1072-1076.	2.6	18
13	Enzymatic Câ^'H Oxidation–Amidation Cascade in the Production of Natural and Unnatural Thiotetronate Antibiotics with Potentiated Bioactivity. Angewandte Chemie - International Edition, 2017, 56, 12234-12239.	13.8	15
14	Contributions of Human-Associated Archaeal Metabolites to Tumor Microenvironment and Carcinogenesis. Microbiology Spectrum, 2022, 10, e0236721.	3.0	15
15	Catabolic protein degradation in marine sediments confined to distinct archaea. ISME Journal, 2022, 16, 1617-1626.	9.8	12
16	Identification and Biosynthesis of Pro-Inflammatory Sulfonolipids from an Opportunistic Pathogen <i>Chryseobacterium gleum</i> . ACS Chemical Biology, 2022, 17, 1197-1206.	3.4	12
17	Metatranscriptomics reveals different features of methanogenic archaea among global vegetated coastal ecosystems. Science of the Total Environment, 2022, 802, 149848.	8.0	10
18	Grincamycins P–T: Rearranged Angucyclines from the Marine Sediment-Derived <i>Streptomyces</i> sp. CNZ-748 Inhibit Cell Lines of the Rare Cancer Pseudomyxoma Peritonei. Journal of Natural Products, 2021, 84, 1638-1648.	3.0	9

Χιαούμ Τανς

#	Article	IF	CITATIONS
19	Enzymatic Câ^'H Oxidation–Amidation Cascade in the Production of Natural and Unnatural Thiotetronate Antibiotics with Potentiated Bioactivity. Angewandte Chemie, 2017, 129, 12402-12407.	2.0	5
20	<i>mucG, mucH,</i> and <i>mucl</i> Modulate Production of Mutanocyclin and Reutericyclins in Streptococcus mutans B04Sm5. Journal of Bacteriology, 2022, 204, e0004222.	2.2	4
21	Human Archaea and Associated Metabolites in Health and Disease. Biochemistry, 2022, 61, 2835-2840.	2.5	1
22	Mining the Microbial Chemistry behind Tooth Decay. Biochemistry, 2022, 61, 2779-2781.	2.5	0