

# Xiaoyu Tang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6154695/publications.pdf>

Version: 2024-02-01

22  
papers

801  
citations

687363

13  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1192  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Metatranscriptomics reveals different features of methanogenic archaea among global vegetated coastal ecosystems. <i>Science of the Total Environment</i> , 2022, 802, 149848.  | 8.0  | 10        |
| 2  | Mining the Microbial Chemistry behind Tooth Decay. <i>Biochemistry</i> , 2022, 61, 2779-2781.   | 2.5  | 0         |
| 3  | Catabolic protein degradation in marine sediments confined to distinct archaea. <i>ISME Journal</i> , 2022, 16, 1617-1626.  | 9.8  | 12        |
| 4  | Contributions of Human-Associated Archaeal Metabolites to Tumor Microenvironment and Carcinogenesis. <i>Microbiology Spectrum</i> , 2022, 10, e0236721.   | 3.0  | 15        |
| 5  | <i>mucG</i> , <i>mucH</i> , and <i>mucL</i> Modulate Production of Mutanocyclin and Reutericyclins in <i>Streptococcus mutans</i> B04Sm5. <i>Journal of Bacteriology</i> , 2022, 204, e0004222.                                     | 2.2  | 4         |
| 6  | Identification and Biosynthesis of Pro-Inflammatory Sulfonolipids from an Opportunistic Pathogen <i>Chryseobacterium gleum</i> . <i>ACS Chemical Biology</i> , 2022, 17, 1197-1206.   | 3.4  | 12        |
| 7  | Human Archaea and Associated Metabolites in Health and Disease. <i>Biochemistry</i> , 2022, 61, 2835-2840.  | 2.5  | 1         |
| 8  | Grincamycins: Rearranged Angucyclines from the Marine Sediment-Derived <i>Streptomyces</i> sp. CNZ-748 Inhibit Cell Lines of the Rare Cancer Pseudomyxoma Peritonei. <i>Journal of Natural Products</i> , 2021, 84, 1638-1648.      | 3.0  | 9         |
| 9  | Cariogenic <i>Streptococcus mutans</i> Produces Tetramic Acid Strain-Specific Antibiotics That Impair Commensal Colonization. <i>ACS Infectious Diseases</i> , 2020, 6, 563-571.  | 3.8  | 40        |
| 10 | Pass-back chain extension expands multimodular assembly line biosynthesis. <i>Nature Chemical Biology</i> , 2020, 16, 42-49.  | 8.0  | 28        |
| 11 | Genetic platforms for heterologous expression of microbial natural products. <i>Natural Product Reports</i> , 2019, 36, 1313-1332.  | 10.3 | 109       |
| 12 | Identification of the Bacterial Biosynthetic Gene Clusters of the Oral Microbiome Illuminates the Unexplored Social Language of Bacteria during Health and Disease. <i>MBio</i> , 2019, 10, .                                       | 4.1  | 73        |
| 13 | <i>Klebsiella</i> and <i>Providencia</i> emerge as lone survivors following long-term starvation of oral microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8499-8504. | 7.1  | 30        |
| 14 | Direct cloning and heterologous expression of natural product biosynthetic gene clusters by transformation-associated recombination. <i>Methods in Enzymology</i> , 2019, 621, 87-110.  | 1.0  | 37        |
| 15 | Engineering <i>Salinispora tropica</i> for heterologous expression of natural product biosynthetic gene clusters. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8437-8446.   | 3.6  | 24        |
| 16 | Minimization of the Thiolactomycin Biosynthetic Pathway Reveals that the Cytochrome P450 Enzyme TlmF Is Required for Five-Membered Thiolactone Ring Formation. <i>ChemBioChem</i> , 2017, 18, 1072-1076.                            | 2.6  | 18        |
| 17 | Enzymatic C-H Oxidation-Amidation Cascade in the Production of Natural and Unnatural Thiotetronate Antibiotics with Potentiated Bioactivity. <i>Angewandte Chemie</i> , 2017, 129, 12402-12407.                                     | 2.0  | 5         |
| 18 | Broad-Host-Range Expression Reveals Native and Host Regulatory Elements That Influence Heterologous Antibiotic Production in Gram-Negative Bacteria. <i>MBio</i> , 2017, 8, .   | 4.1  | 39        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Enzymatic C <sup>α</sup> -H Oxidation–Amidation Cascade in the Production of Natural and Unnatural Thiotetronate Antibiotics with Potentiated Bioactivity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12234-12239. | 13.8 | 15        |
| 20 | Identification of Thiotetronic Acid Antibiotic Biosynthetic Pathways by Target-directed Genome Mining. <i>ACS Chemical Biology</i> , 2015, 10, 2841-2849.  | 3.4  | 238       |
| 21 | A two-step sulfation in antibiotic biosynthesis requires a type III polyketide synthase. <i>Nature Chemical Biology</i> , 2013, 9, 610-615.  | 8.0  | 36        |
| 22 | Identification of a Napsamycin Biosynthesis Gene Cluster by Genome Mining. <i>ChemBioChem</i> , 2011, 12, 477-487.   | 2.6  | 44        |