

# Shanshan Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4145916/publications.pdf>

Version: 2024-02-01

21  
papers

679  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

692  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Mining and engineering exporters for titer improvement of macrolide biopesticides in <i>Streptomyces</i> . <i>Microbial Biotechnology</i> , 2022, 15, 1120-1132.  | 4.2  | 8         |
| 2  | Titer improvement of milbemycins via coordinating metabolic competition and transcriptional co-activation controlled by <i>Streptomyces</i> antibiotic regulatory protein family regulator in <i>Streptomyces bingchenggensis</i> . <i>Biotechnology and Bioengineering</i> , 2022, 119, 1252-1263. | 3.3  | 7         |
| 3  | Transcriptome-guided identification of a four-component system, SbrH1-R, that modulates milbemycin biosynthesis by influencing gene cluster expression, precursor supply, and antibiotic efflux. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 705-717.                                     | 3.7  | 4         |
| 4  | SspH, a Novel HATPase Family Regulator, Controls Antibiotic Biosynthesis in <i>Streptomyces</i> . <i>Antibiotics</i> , 2022, 11, 538.   | 3.7  | 5         |
| 5  | A versatile biosensing platform coupling CRISPR-Cas12a and aptamers for detection of diverse analytes. <i>Science Bulletin</i> , 2021, 66, 69-77.   | 9.0  | 47        |
| 6  | Coordinating precursor supply for pharmaceutical polyketide production in <i>Streptomyces</i> . <i>Current Opinion in Biotechnology</i> , 2021, 69, 26-34.  | 6.6  | 35        |
| 7  | Engineering of primary metabolic pathways for titer improvement of milbemycins in <i>Streptomyces bingchenggensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1875-1887.   | 3.6  | 13        |
| 8  | Polyketide pesticides from actinomycetes. <i>Current Opinion in Biotechnology</i> , 2021, 69, 299-307.  | 6.6  | 21        |
| 9  | Harnessing the intracellular triacylglycerols for titer improvement of polyketides in <i>Streptomyces</i> . <i>Nature Biotechnology</i> , 2020, 38, 76-83.  | 17.5 | 116       |
| 10 | Mining and fine-tuning sugar uptake system for titer improvement of milbemycins in <i>Streptomyces bingchenggensis</i> . <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 214-221.   | 3.7  | 21        |
| 11 | Improved milbemycin production by engineering two Cytochromes P450 in <i>Streptomyces bingchenggensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 2935-2946.   | 3.6  | 10        |
| 12 | An Autoregulated Fine-Tuning Strategy for Titer Improvement of Secondary Metabolites Using Native Promoters in <i>Streptomyces</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 522-530.   | 3.8  | 28        |
| 13 | A novel signal transduction system for development of uric acid biosensors. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7489-7497.   | 3.6  | 15        |
| 14 | A platform for the development of novel biosensors by configuring allosteric transcription factor recognition with amplified luminescent proximity homogeneous assays. <i>Chemical Communications</i> , 2017, 53, 99-102.   | 4.1  | 30        |
| 15 | Development of a Synthetic Oxytetracycline-Inducible Expression System for <i>Streptomyces</i> Using <i>de Novo</i> Characterized Genetic Parts. <i>ACS Synthetic Biology</i> , 2016, 5, 765-773.   | 3.8  | 48        |
| 16 | Genome-wide identification and characterization of reference genes with different transcript abundances for <i>Streptomyces coelicolor</i> . <i>Scientific Reports</i> , 2015, 5, 15840.  | 3.3  | 27        |
| 17 | ScbR- and ScbR2-mediated signal transduction networks coordinate complex physiological responses in <i>Streptomyces coelicolor</i> . <i>Scientific Reports</i> , 2015, 5, 14831.  | 3.3  | 37        |
| 18 | A genetic biosensor for identification of transcriptional repressors of target promoters. <i>Scientific Reports</i> , 2015, 5, 15887.   | 3.3  | 8         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Genome-wide identification and evaluation of constitutive promoters in streptomycetes. <i>Microbial Cell Factories</i> , 2015, 14, 172.  | 4.0 | 57        |
| 20 | Identification of a cluster-situated activator of oxytetracycline biosynthesis and manipulation of its expression for improved oxytetracycline production in <i>Streptomyces rimosus</i> . <i>Microbial Cell Factories</i> , 2015, 14, 46. | 4.0 | 50        |
| 21 | Angucyclines as signals modulate the behaviors of <i>Streptomyces coelicolor</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5688-5693.  | 7.1 | 88        |