Shanshan Li

List of Publications by Year
in descending order

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	Harnessing the intracellular triacylglycerols for titer improvement of polyketides in Streptomyces. Nature Biotechnology, 2020, 38, 76-83.	17.5	116
2	Angucyclines as signals modulate the behaviors of Streptomyces coelicolor. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5688-5693.	7.1	88
3	Genome-wide identification and evaluation of constitutive promoters in streptomycetes. Microbial Cell Factories, 2015, 14, 172.	4.0	57
4	Identification of a cluster-situated activator of oxytetracycline biosynthesis and manipulation of its expression for improved oxytetracycline production in Streptomyces rimosus. Microbial Cell Factories, 2015, 14, 46.	4.0	50
5	Development of a Synthetic Oxytetracycline-Inducible Expression System for Streptomycetes Using de Novo Characterized Genetic Parts. ACS Synthetic Biology, 2016, 5, 765-773.	3.8	48
6	A versatile biosensing platform coupling CRISPRâ€“Cas12a and aptamers for detection of diverse analytes. Science Bulletin, 2021, 66, 69-77.	9.0	47
7	ScbR- and ScbR2-mediated signal transduction networks coordinate complex physiological responses in Streptomyces coelicolor. Scientific Reports, 2015, 5, 14831.	3.3	37
8	Coordinating precursor supply for pharmaceutical polyketide production in Streptomyces. Current Opinion in Biotechnology, 2021, 69, 26-34.	6.6	35
9	A platform for the development of novel biosensors by configuring allosteric transcription factor recognition with amplified luminescent proximity homogeneous assays. Chemical Communications, 2017, 53, 99-102.	4.1	30
10	An Autoregulated Fine-Tuning Strategy for Titer Improvement of Secondary Metabolites Using Native Promoters in Streptomyces. ACS Synthetic Biology, 2018, 7, 522-530.	3.8	28
11	Genome-wide identification and characterization of reference genes with different transcript abundances for Streptomyces coelicolor. Scientific Reports, 2015, 5, 15840.	3.3	27
12	Mining and fine-tuning sugar uptake system for titer improvement of milbemycins in Streptomyces bingchenggensis. Synthetic and Systems Biotechnology, 2020, 5, 214-221.	3.7	21
13	Polyketide pesticides from actinomycetes. Current Opinion in Biotechnology, 2021, 69, 299-307.	6.6	21
14	A novel signal transduction system for development of uric acid biosensors. Applied Microbiology and Biotechnology, 2018, 102, 7489-7497.	3.6	15
15	Engineering of primary metabolic pathways for titer improvement of milbemycins in Streptomyces bingchenggensis. Applied Microbiology and Biotechnology, 2021, 105, 1875-1887.	3.6	13
16	Improved milbemycin production by engineering two Cytochromes P450 in Streptomyces bingchenggensis. Applied Microbiology and Biotechnology, 2020, 104, 2935-2946.	3.6	10
17	A genetic biosensor for identification of transcriptional repressors of target promoters. Scientific Reports, 2015, 5, 15887.	3.3	8
18	Mining and engineering exporters for titer improvement of macrolide biopesticides in Streptomyces. Microbial Biotechnology, 2022, 15, 1120-1132.	4.2	8

#	Article	IF	Citations
19	Titer improvement of milbemycins via coordinating metabolic competition and transcriptional coâ€activation controlled by Streptomyces antibiotic regulatory protein family regulator in Streptomyces bingchenggensis. Biotechnology and Bioengineering, 2022, 119, 1252-1263.	3.3	7
20	SspH, a Novel HATPase Family Regulator, Controls Antibiotic Biosynthesis in Streptomyces. Antibiotics, 2022, 11, 538.	3.7	5
21	Transcriptome-guided identification of a four-component system, SbrH1-R, that modulates milbemycin biosynthesis by influencing gene cluster expression, precursor supply, and antibiotic efflux. Synthetic and Systems Biotechnology, 2022, 7, 705-717.	3.7	4