

Lei Li

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

661
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

752
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cpf1-Assisted Multiplex Genome Editing and Transcriptional Repression in <i>Streptomyces</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	107
2	Multiplexed site-specific genome engineering for overproducing bioactive secondary metabolites in actinomycetes. <i>Metabolic Engineering</i> , 2017, 40, 80-92.	7.0	83
3	A stepwise increase in pristinamycin II biosynthesis by <i>Streptomyces pristinaespiralis</i> through combinatorial metabolic engineering. <i>Metabolic Engineering</i> , 2015, 29, 12-25.	7.0	71
4	CRISPR/dCas9-Mediated Multiplex Gene Repression in <i>Streptomyces</i> . <i>Biotechnology Journal</i> , 2018, 13, e1800121.	3.5	62
5	Synthetic biology approaches for chromosomal integration of genes and pathways in industrial microbial systems. <i>Biotechnology Advances</i> , 2019, 37, 730-745.	11.7	57
6	aMSGE: advanced multiplex site-specific genome engineering with orthogonal modular recombinases in actinomycetes. <i>Metabolic Engineering</i> , 2019, 52, 153-167.	7.0	42
7	New strategies and approaches for engineering biosynthetic gene clusters of microbial natural products. <i>Biotechnology Advances</i> , 2017, 35, 936-949.	11.7	41
8	Recent Advances in Synthetic Biology Approaches to Optimize Production of Bioactive Natural Products in Actinobacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 2467.	3.5	27
9	Refactoring biosynthetic gene clusters for heterologous production of microbial natural products. <i>Current Opinion in Biotechnology</i> , 2021, 69, 145-152.	6.6	27
10	Identification of structurally diverse menaquinone-binding antibiotics with in vivo activity against multidrug-resistant pathogens. <i>Nature Microbiology</i> , 2022, 7, 120-131.	13.3	22
11	A Modified Gibson Assembly Method for Cloning Large DNA Fragments with High GC Contents. <i>Methods in Molecular Biology</i> , 2018, 1671, 203-209.	0.9	20
12	A Novel Two-Component System, GluR-GluK, Involved in Glutamate Sensing and Uptake in <i>Streptomyces coelicolor</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	19
13	Biosynthetic Interrogation of Soil Metagenomes Reveals Metamarin, an Uncommon Cyclomarin Congener with Activity against <i>Mycobacterium tuberculosis</i> . <i>Journal of Natural Products</i> , 2021, 84, 1056-1066.	3.0	18
14	Identification of two novel regulatory genes involved in pristinamycin biosynthesis and elucidation of the mechanism for AtrA-p-mediated regulation in <i>Streptomyces pristinaespiralis</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7151-7164.	3.6	17
15	MilR2, a novel TetR family regulator involved in 5-oxomilbemycin A3/A4 biosynthesis in <i>Streptomyces hygroscopicus</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8841-8853.	3.6	14
16	The orphan histidine kinase PdtaS-p regulates both morphological differentiation and antibiotic biosynthesis together with the orphan response regulator PdtaR-p in <i>Streptomyces</i> . <i>Microbiological Research</i> , 2020, 233, 126411.	5.3	11
17	Directed production of aurantizolicin and new members based on a YM-216391 biosynthetic system. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9373-9376.	2.8	10
18	Overexpression of the diguanylate cyclase CdgD blocks developmental transitions and antibiotic biosynthesis in <i>Streptomyces coelicolor</i> . <i>Science China Life Sciences</i> , 2019, 62, 1492-1505.	4.9	8

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19	The complete genome sequence of a high pristinamycin-producing strain <i>Streptomyces pristinaespiralis</i> HCCB10218. <i>Journal of Biotechnology</i> , 2015, 214, 45-46.	3.8	5