

Ji-Nu Kim

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

616
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamic transcriptional and translational landscape of the model antibiotic producer <i>Streptomyces coelicolor</i> A3(2). <i>Nature Communications</i> , 2016, 7, 11605.	12.8	201
2	The impact of skin care products on skin chemistry and microbiome dynamics. <i>BMC Biology</i> , 2019, 17, 47.	3.8	101
3	Comparative Genomics Reveals the Core and Accessory Genomes of <i>Streptomyces</i> Species. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1599-1605.	2.1	72
4	Reconstruction of a high-quality metabolic model enables the identification of gene overexpression targets for enhanced antibiotic production in <i>Streptomyces coelicolor</i> A3(2). <i>Biotechnology Journal</i> , 2014, 9, 1185-1194.	3.5	58
5	Predicting proteome allocation, overflow metabolism, and metal requirements in a model acetogen. <i>PLoS Computational Biology</i> , 2019, 15, e1006848.	3.2	46
6	Optimization of carbon and energy utilization through differential translational efficiency. <i>Nature Communications</i> , 2018, 9, 4474.	12.8	35
7	Characterization of a new ScbR-like $\hat{\text{I}}^3$ -butyrolactone binding regulator (SlbR) in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 113-121.	3.6	19
8	Genome-scale analysis reveals a role for NdgR in the thiol oxidative stress response in <i>Streptomyces coelicolor</i> . <i>BMC Genomics</i> , 2015, 16, 116.	2.8	19
9	NdgR, a Common Transcriptional Activator for Methionine and Leucine Biosynthesis in <i>Streptomyces coelicolor</i> . <i>Journal of Bacteriology</i> , 2012, 194, 6837-6846.	2.2	13
10	Inactivation of phosphomannose isomerase gene abolishes sporulation and antibiotic production in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1685-1693.	3.6	12
11	Finding new pathway-specific regulators by clustering method using threshold standard deviation based on DNA chip data of <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 709-717.	3.6	11
12	Loss of phosphomannomutase activity enhances actinorhodin production in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 1485-1492.	3.6	9
13	Transcriptome analysis of wild-type and <i>afsS</i> deletion mutant strains identifies synergistic transcriptional regulator of <i>afsS</i> for a high antibiotic-producing strain of <i>Streptomyces coelicolor</i> A3(2). <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3243-3253.	3.6	9
14	Mast cell recruitment is modulated by the hairless skin microbiome. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 330-333.e6.	2.9	6
15	A versatile PCR-based tandem epitope tagging system for <i>Streptomyces coelicolor</i> genome. <i>Biochemical and Biophysical Research Communications</i> , 2012, 424, 22-27.	2.1	4
16	An integrative approach for high-throughput screening and characterization of transcriptional regulators in <i>Streptomyces coelicolor</i> . <i>Pure and Applied Chemistry</i> , 2010, 82, 57-67.	1.9	1