

Dongchang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

540
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Horizontal Gene Transfer Mediated Bacterial Antibiotic Resistance. <i>Frontiers in Microbiology</i> , 2019, 10, 1933.	3.5	136
2	Pull in and Push Out: Mechanisms of Horizontal Gene Transfer in Bacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 2154.	3.5	77
3	<i>Escherichia coli</i> naturally transformable in a novel transformation system. <i>FEMS Microbiology Letters</i> , 2006, 265, 249-255.	1.8	46
4	Preparation and evaluation of lysozyme-loaded nanoparticles coated with poly-L-glutamic acid and chitosan. <i>International Journal of Biological Macromolecules</i> , 2013, 59, 201-207.	7.5	41
5	Detection of NDM-1 carbapenemase-producing <i>Acinetobacter calcoaceticus</i> and <i>Acinetobacter junii</i> in environmental samples from livestock farms. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 611-613.	3.0	41
6	Molecular analysis shows differential expression of R-spondin1 in zebrafish (<i>Danio rerio</i>) gonads. <i>Molecular Biology Reports</i> , 2011, 38, 275-282.	2.3	37
7	Transforming DNA Uptake Gene Orthologs Do Not Mediate Spontaneous Plasmid Transformation in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2009, 191, 713-719.	2.2	34
8	Induction and preliminary characterization of a novel halophage SNJ1 from lysogenic <i>Natrinema</i> sp. F5. <i>Canadian Journal of Microbiology</i> , 2007, 53, 1106-1110.	1.7	29
9	RpoS Regulates a Novel Type of Plasmid DNA Transfer in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2012, 7, e33514.	2.5	24
10	Two different routes for double-stranded DNA transfer in natural and artificial transformation of <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 213-218.	2.1	15
11	Block and Boost DNA Transfer: Opposite Roles of OmpA in Natural and Artificial Transformation of <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2013, 8, e59019.	2.5	13
12	A light-controlled cell lysis system in bacteria. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 429-432.	3.0	10
13	Chemical transformation mediated CRISPR/Cas9 genome editing in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2019, 41, 293-303.	2.2	9
14	Detection of tet(X6) variant-producing <i>Proteus terrae</i> subsp. <i>cibarius</i> from animal cecum in Zhejiang, China. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 124-130.	2.2	8
15	A Type I Restriction Modification System Influences Genomic Evolution Driven by Horizontal Gene Transfer in <i>Paenibacillus polymyxa</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 709571.	3.5	7
16	Histone-like Nucleoid-Structuring Protein (H-NS) Paralogue StpA Activates the Type I-E CRISPR-Cas System against Natural Transformation in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	5
17	Development of a dual-fluorescence reporter system for high-throughput screening of L-aspartate-decarboxylase. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 1420-1426.	2.0	4
18	Two different restriction-modification systems for degrading exogenous DNA in <i>Paenibacillus polymyxa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 927-932.	2.1	3

#	ARTICLE	IF	CITATIONS
19	Identification Homologous Recombination Function from Haloarchaea Plasmid pHH205. Current Microbiology, 2007, 55, 76-80.	2.2	1