

Masatoshi Miyakoshi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,261
citations

516710

16
h-index

642732

23
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27
all docs

27
docs citations

27
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	Small RNA-Mediated Activation of Sugar Phosphatase mRNA Regulates Glucose Homeostasis. <i>Cell</i> , 2013, 153, 426-437.	28.9	194
2	Cross talk between <i>ABC</i> transporter mRNA via a target mRNA-derived sponge of the <i>G</i> cv <i>B</i> small RNA. <i>EMBO Journal</i> , 2015, 34, 1478-1492.	7.8	162
3	Regulatory small RNAs from the 3' regions of bacterial mRNAs. <i>Current Opinion in Microbiology</i> , 2015, 24, 132-139.	5.1	147
4	Novel Conjugative Transferable Multiple Drug Resistance Plasmid pAQU1 from <i>Photobacterium damsela</i> subsp. <i>damsela</i> ; Isolated from Marine Aquaculture Environment. <i>Microbes and Environments</i> , 2012, 27, 263-272.	1.6	87
5	Novel organization of aromatic degradation pathway genes in a microbial community as revealed by metagenomic analysis. <i>ISME Journal</i> , 2009, 3, 1335-1348.	9.8	80
6	Transcriptional Regulation of the <i>ant</i> Operon, Encoding Two-Component Anthranilate 1,2-Dioxygenase, on the Carbazole-Degradative Plasmid pCAR1 of <i>Pseudomonas resinovorans</i> Strain CA10. <i>Journal of Bacteriology</i> , 2004, 186, 6815-6823.	2.2	66
7	Response of the <i>Pseudomonas</i> host chromosomal transcriptome to carriage of the IncP-7 plasmid pCAR1. <i>Environmental Microbiology</i> , 2010, 12, 1413-1426.	3.8	62
8	Phthalate catabolic gene cluster is linked to the angular dioxygenase gene in <i>Terrabacter</i> sp. strain DBF63. <i>Applied Microbiology and Biotechnology</i> , 2003, 61, 44-54.	3.6	58
9	Transcriptome Analysis of <i>Pseudomonas putida</i> KT2440 Harboring the Completely Sequenced IncP-7 Plasmid pCAR1. <i>Journal of Bacteriology</i> , 2007, 189, 6849-6860.	2.2	58
10	Pmr, a Histone-Like Protein H1 (H-NS) Family Protein Encoded by the IncP-7 Plasmid pCAR1, Is a Key Global Regulator That Alters Host Function. <i>Journal of Bacteriology</i> , 2010, 192, 4720-4731.	2.2	53
11	Complete Nucleotide Sequence of TOL Plasmid pDK1 Provides Evidence for Evolutionary History of IncP-7 Catabolic Plasmids. <i>Journal of Bacteriology</i> , 2010, 192, 4337-4347.	2.2	53
12	Functional expansion of a TCA cycle operon mRNA by a 3' end-derived small RNA. <i>Nucleic Acids Research</i> , 2019, 47, 2075-2088.	14.5	42
13	Time-series metagenomic analysis reveals robustness of soil microbiome against chemical disturbance. <i>DNA Research</i> , 2015, 22, 413-424.	3.4	39
14	High-resolution mapping of plasmid transcriptomes in different host bacteria. <i>BMC Genomics</i> , 2009, 10, 12.	2.8	31
15	A bacterial small RNA regulates the adaptation of <i>Helicobacter pylori</i> to the host environment. <i>Nature Communications</i> , 2021, 12, 2085.	12.8	31
16	Differentiation of Carbazole Catabolic Operons by Replacement of the Regulated Promoter via Transposition of an Insertion Sequence*. <i>Journal of Biological Chemistry</i> , 2006, 281, 8450-8457.	3.4	22
17	<i>ParK</i> , an orphan <i>ParA</i> family protein from <i>Pseudomonas putida</i> ... <i>KT</i> 2440-specific genomic island, interferes with the partition system of <i>IncP</i> -7 plasmids. <i>Environmental Microbiology</i> , 2012, 14, 2946-2959.	3.8	18
18	Alterations of RNA maps of IncP-7 plasmid pCAR1 in various <i>Pseudomonas</i> bacteria. <i>Plasmid</i> , 2011, 66, 85-92.	1.4	17

#	ARTICLE	IF	CITATIONS
19	Mining RNA-seq data reveals the massive regulon of GcvB small RNA and its physiological significance in maintaining amino acid homeostasis in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2022, 117, 160-178.	2.5	15
20	Identification of <i>Burkholderia multivorans</i> ATCC 17616 genetic determinants for fitness in soil by using signature-tagged mutagenesis. <i>Microbiology (United Kingdom)</i> , 2014, 160, 883-891.	1.8	14
21	What Happens in the Staphylococcal Nucleoid under Oxidative Stress?. <i>Microorganisms</i> , 2019, 7, 631.	3.6	7
22	Transcriptome Analysis of Zygotic Induction During Conjugative Transfer of Plasmid RP4. <i>Frontiers in Microbiology</i> , 2020, 11, 1125.	3.5	3
23	Complete Nucleotide Sequence of TOL Plasmid pDK1 Provides Evidence for Evolutionary History of IncP-7 Catabolic Plasmids. <i>Journal of Bacteriology</i> , 2010, 192, 5558-5558.	2.2	1
24	Regulatory Mechanisms of Special Significance: Role of Small RNAs in Virulence Regulation. , 0, , 491-527.		1
25	Conjugative transfer of naphthalene-catabolic plasmid NAH7 regulated by nitrogen-related phosphotransferase system of recipient cells. <i>Journal of Biotechnology</i> , 2010, 150, 269-269.	3.8	0
26	RNA-Mediated Crosstalk Between Bacterial Core Genome and Foreign Genetic Elements. , 2019, , 77-94.		0