Transposon vectors containing non-antibiotic resistanc and stable chromosomal insertion of foreign genes in gr

Journal of Bacteriology

172, 6557-6567

DOI: 10.1128/jb.172.11.6557-6567.1990

Citation Report

#	Article	IF	Citations
1	Mini-Tn5 transposon derivatives for insertion mutagenesis, promoter probing, and chromosomal insertion of cloned DNA in gram-negative eubacteria. Journal of Bacteriology, 1990, 172, 6568-6572.	1.0	1,465
2	Mutagenesis of Brucella abortus: comparative efficiency of three transposon delivery systems. Microbial Pathogenesis, 1991, 11, 443-446.	1.3	30
3	Antibiotic resistance in the bacteria of a remote upland river catchment. Letters in Applied Microbiology, 1991, 13, 145-149.	1.0	14
4	[19] Genetic techniques in Rhizobium meliloti. Methods in Enzymology, 1991, 204, 398-418.	0.4	122
5	An upstream XylR- and IHF-induced nucleoprotein complex regulates the sigma 54-dependent Pu promoter of TOL plasmid.. EMBO Journal, 1991, 10, 1159-1167.	3.5	150
6	Identification and characterization of a gene responsible for inhibiting propagation of methylated DNA sequences in mcrA mcrB1 Escherichia coli strains. Journal of Bacteriology, 1991, 173, 4707-4716.	1.0	30
7	Molecular approaches for understanding biological control mechanisms in bacteria: Studies of the interaction ofEnterobacter cloacaewithPythium ultimum. Canadian Journal of Plant Pathology, 1992, 14, 106-114.	0.8	19
8	Chromosome transfer in Rhodobacter sphaeroides: Hfr formation and genetic evidence for two unique circular chromosomes. Journal of Bacteriology, 1992, 174, 1135-1145.	1.0	68
9	Evidence for proliferation of Enterobacter cloacae on carbohydrates in cucumber and pea spermosphere. Canadian Journal of Microbiology, 1992, 38, 1128-1134.	0.8	30
10	Expression of Bordetella pertussis filamentous hemagglutinin in Escherichia coli using a two cistron system. Microbial Pathogenesis, 1992, 12, 383-389.	1.3	2
11	An improved suicide vector for construction of chromosomal insertion mutations in bacteria. Gene, 1992, 118, 145-146.	1.0	284
12	Mercury biotransformations and their potential for remediation of mercury contamination. Biodegradation, 1992, 3, 147-159.	1.5	49
13	A general system to integratelacZ fusions into the chromosomes of gram-negative eubacteria: regulation of thePm promoter of theTOL plasmid studied with all controlling elements in monocopy. Molecular Genetics and Genomics, 1992, 233, 293-301.	2.4	285
14	Cloning of a DNA fragment involved in pigment production in Streptomyces avermitilis. FEMS Microbiology Letters, 1992, 91, 9-13.	0.7	7
15	Genetic engineering strategies for environmental applications. Current Opinion in Biotechnology, 1992, 3, 227-231.	3.3	23
16	How do non-differentiating bacteria adapt to starvation?. Antonie Van Leeuwenhoek, 1993, 63, 333-341.	0.7	166
17	Analysis of the DNA damage-mediated induction ofPsuedomonas putidaandPseudomonas aeruginosa lexAgenes. FEMS Microbiology Letters, 1993, 110, 65-70.	0.7	14
18	A DNA module encodingbphgenes for the degradation of polychlorinated biphenyls (PCBs). FEMS Microbiology Letters, 1993, 113, 149-154.	0.7	32

#	Article	IF	Citations
19	Microbial retention of mercury from waste streams in a laboratory column containingmerAgene bacteria. FEMS Microbiology Reviews, 1993, 11, 145-152.	3.9	55
20	Engineering of alkyl- and haloaromatic-responsive gene expression with mini-transposons containing regulated promoters of biodegradative pathways of Pseudomonas. Gene, 1993, 130, 41-46.	1.0	113
21	A T7 RNA polymerase-based system for the construction of Pseudomonas strains with phenotypes dependent on TOL-meta pathway effectors. Gene, 1993, 134, 103-106.	1.0	36
22	Analysis of Pseudomonas gene products using lacIq/Ptrp-lac plasmids and transposons that confer conditional phenotypes. Gene, 1993, 123, 17-24.	1.0	429
23	Three different 2,3-dihydroxybiphenyl-1,2-dioxygenase genes in the gram-positive polychlorobiphenyl-degrading bacterium Rhodococcus globerulus P6. Journal of Bacteriology, 1993, 175, 4631-4640.	1.0	163
24	Transposon mutagenesis in Acinetobacter calcoaceticus RAG-1. Journal of Bacteriology, 1993, 175, 1838-1840.	1.0	20
25	Isolation and characterization of Bordetella bronchiseptica mutants deficient in siderophore activity. Journal of Bacteriology, 1993, 175, 1144-1152.	1.0	43
26	Transposon mutagenesis in Actinobacillus pleuropneumoniae with a Tn10 derivative. Journal of Bacteriology, 1993, 175, 5717-5722.	1.0	62
27	Early and late responses of TOL promoters to pathway inducers: identification of postexponential promoters in Pseudomonas putida with lacZ-tet bicistronic reporters. Journal of Bacteriology, 1993, 175, 6902-6907.	1.0	92
28	BIOCHEMICAL AND GENETIC ANALYSIS OF SIDEROPHORES PRODUCED BY PLANT-ASSOCIATED PSEUDOMONAS AND ERWINIA SPECIES. , 1993, , 27-73.		5
30	Detection of Introduced Bacteria in the Rhizosphere Using Marker Genes and DNA Probes. , 0, , 29-47.		7
31	Genetic evidence that the XylS regulator of the Pseudomonas TOL meta operon controls the Pm promoter through weak DNA-protein interactions. Journal of Bacteriology, 1994, 176, 3171-3176.	1.0	44
32	Chromosomal gene capture mediated by the Pseudomonas putida TOL catabolic plasmid. Journal of Bacteriology, 1994, 176, 4635-4641.	1.0	46
33	Genetic Strategies to Engineer Expression Systems Responsive to Relevant Environmental Signals. , 0, , 91-101.		0
34	Cross-regulation by XylR and DmpR activators of Pseudomonas putida suggests that transcriptional control of biodegradative operons evolves independently of catabolic genes. Journal of Bacteriology, 1994, 176, 5052-5058.	1.0	71
35	Molecular cloning of bacterial DNA in vivo using a transposable R6K ori and a P1vir phage. Journal of Bacteriology, 1994, 176, 1188-1191.	1.0	3
36	Transformation ofVibrio vulnificus by electroporation. Current Microbiology, 1994, 28, 289-291.	1.0	8
37	The organization of the Pm promoter of the TOL plasmid reflects the structure of its cognate activator protein XylS. Molecular Genetics and Genomics, 1994, 244, 596-605.	2.4	27

#	Article	IF	Citations
38	Designing microbial systems for gene expression in the field. Trends in Biotechnology, 1994, 12, 365-371.	4.9	52
39	Controlled expression of click beetle luciferase using a bacterial operator-repressor system. FEMS Microbiology Letters, 1994, 121, 11-18.	0.7	5
40	The Behavior of Bacteria Designed for Biodegradation. Nature Biotechnology, 1994, 12, 1349-1356.	9.4	76
41	Universal barrier to lateral spread of specific genes among microorganisms. Molecular Microbiology, 1994, 13, 855-861.	1.2	75
42	Analysis of the multimer resolution system encoded by the parCBA operon of broad-host-range plasmid RP4. Molecular Microbiology, 1994, 12, 131-141.	1.2	91
43	The RTX haemolysins ApxI and ApxII are major virulence factors of the swine pathogen Actinobacillus pleuropneumoniae: evidence from mutational analysis. Molecular Microbiology, 1994, 14, 207-216.	1.2	70
44	Catabolism of aromatics in Pseudomonas putida U. Formal evidence that phenylacetic acid and 4-hydroxyphenylacetic acid are catabolized by two unrelated pathways. FEBS Journal, 1994, 221, 375-381.	0.2	34
45	Role of colonization in biocontrol: studies with Enterobacter cloacae. Plant Science, 1994, 101, 83-89.	1.7	22
46	Transformation of Acinetobacter calcoaceticus RAG-1 by electroporation. Canadian Journal of Microbiology, 1994, 40, 233-236.	0.8	13
47	Use of the rep technique for allele replacement to construct new Escherichia coli hosts for maintenance of R6KÎ» origin plasmids at different copy numbers. Gene, 1994, 138, 1-7.	1.0	184
48	Escherichia coli genome targeting I. Cre-Zox-mediated in vitro generation of oriâ^' plasmids and their in vivo chromosomal integration and retrieval. Gene, 1994, 150, 51-56.	1.0	59
49	[31] Analysis and construction of stable phenotypes in gram-negative bacteria with Tn5- and Tn10-derived minitransposons. Methods in Enzymology, 1994, 235, 386-405.	0.4	852
50	Designing Microorganisms for the Treatment of Toxic Wastes. Annual Review of Microbiology, 1994, 48, 525-557.	2.9	174
51	Transposon Tn5 mutagenesis of Actinobacillus actinomycetemcomitans via conjugation. Oral Microbiology and Immunology, 1994, 9, 290-296.	2.8	15
52	Aerobic catabolism of phenylacetic acid in Pseudomonas putida U: biochemical characterization of a specific phenylacetic acid transport system and formal demonstration that phenylacetyl-coenzyme A is a catabolic intermediate. Journal of Bacteriology, 1994, 176, 7667-7676.	1.0	50
53	[33] Identification of bacterial cell-surface virulence determinants with TnphoA. Methods in Enzymology, 1994, 235, 426-448.	0.4	18
54	Cross talk between catabolic pathways in Pseudomonas putida: XylS-dependent and -independent activation of the TOL meta operon requires the same cis-acting sequences within the Pm promoter. Journal of Bacteriology, 1994, 176, 5578-5582.	1.0	37
55	Identification of a locus required for the regulation of bvg-repressed genes in Bordetella pertussis. Journal of Bacteriology, 1995, 177, 2727-2736.	1.0	66

#	Article	IF	Citations
56	Site-specific deletions of chromosomally located DNA segments with the multimer resolution system of broad-host-range plasmid RP4. Journal of Bacteriology, 1995, 177, 52-58.	1.0	122
57	A carbon starvation survival gene of Pseudomonas putida is regulated by sigma 54. Journal of Bacteriology, 1995, 177, 1850-1859.	1.0	51
58	Site directed chromosomal marking of a fluorescent pseudomonad isolated from the phytosphere of sugar beet; stability and potential for marker gene transfer.. Molecular Ecology, 1995, 4, 755-764.	2.0	127
59	A lipase of Aeromonas hydrophila showing nonhemolytic phospholipase C activity. Current Microbiology, 1995, 31, 28-33.	1.0	20
60	Regulation of citrate-dependent iron transport of Escherichia coli: FecR is required for transcription activation by FeeI. Molecular Microbiology, 1995, 15, 119-132.	1.2	108
61	Induction of phospholipase- and flagellar synthesis in Serratia liquefaciens is controlled by expression of the flagellar master operon flhD. Molecular Microbiology, 1995, 15, 445-454.	1.2	96
62	Expansion and deletion of CTG repeats from human disease genes are determined by the direction of replication in E. coli. Nature Genetics, 1995, 10, 213-218.	9.4	356
63	Use of ans-triazine nitrogen source to select for and isolate a recombinant chlorobenzoate-degradingPseudomonas. FEMS Microbiology Letters, 1995, 133, 47-52.	0.7	7
64	Transport of bacterial inoculants through intact cores of two different soils as affected by water percolation and the presence of wheat plants. FEMS Microbiology Ecology, 1995, 16, 143-158.	1.3	35
65	Use of conjugative and thermosensitive cloning vectors for transposon delivery toMycobacterium smegmatis. FEMS Microbiology Letters, 1995, 127, 35-39.	0.7	14
66	Characterization of the basic replicon of pCM1, a narrow-host-range plasmid from the moderate halophile Chromohalobacter marismortui. Journal of Bacteriology, 1995, 177, 3443-3450.	1.0	28
67	Interruption of the ferredoxin (flavodoxin) NADP+ oxidoreductase gene of Escherichia coli does not affect anaerobic growth but increases sensitivity to paraquat. Journal of Bacteriology, 1995, 177, 4528-4531.	1.0	51
68	Lethality and survival of Klebsiella oxytoca evoked by conjugative IncN group plasmids. Journal of Bacteriology, 1995, 177, 6352-6361.	1.0	9
69	Isolation of a carbon starvation regulatory mutant in a marine Vibrio strain. Journal of Bacteriology, 1995, 177, 6978-6982.	1.0	21
70	New mini-Tn5 derivatives for insertion mutagenesis and genetic engineering in Gram-negative bacteria. Canadian Journal of Microbiology, 1995, 41, 1053-1055.	0.8	83
71	Mercury resistance as a selective marker for recombinant mycobacteria. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.7	24
72	Â-Glucuronidase (GUS) transposons for ecological and genetic studies of rhizobia and other Gram-negative bacteria. Microbiology (United Kingdom), 1995, 141, 1691-1705.	0.7	300
73	Specific binding of the replication protein of plasmid pPS10 to direct and inverted repeats is mediated by an HTH motif. Nucleic Acids Research, 1995, 23, 5048-5054.	6.5	23

#	Article	IF	Citations
74	Heavy metal resistances in microbial ecosystems. , 1995, , 439-455.		23
75	Mini-Tn10 transposon derivatives for insertion mutagenesis and gene delivery into the chromosome of Gram-negative bacteria. Gene, 1995, 160, 59-62.	1.0	104
76	An improved TnMax mini-transposon system suitable for sequencing shuttle mutagenesis and gene fusions. Gene, 1995, 167, 53-57.	1.0	68
77	Molecular techniques for the study of rhizobial ecology in the field. Soil Biology and Biochemistry, 1995, 27, 501-514.	4.2	62
78	A versatile most probable number system to quantify lacZY-marked pseudomonads present at low cell numbers in the rhizosphere. Letters in Applied Microbiology, 1995, 20, 220-224.	1.0	2
79	Transcription ofrepA, the Gene of the Initiation Protein of thePseudomonasPlasmid pPS10, is Autoregulated by Interactions of the RepA Protein at a Symmetrical Operator. Journal of Molecular Biology, 1995, 247, 211-223.	2.0	29
80	Nutrient-enhanced survival of and phenanthrene mineralization by alginate-encapsulated and freePseudomonas sp. UG14Lr cells in creosote-contaminated soil slurries. Applied Microbiology and Biotechnology, 1995, 43, 946-951.	1.7	58
81	Rapid Detection of Mutagens by Induction of Luciferase-Bearing Prophage inEscherichia coli. Environmental Science & Technology, 1996, 30, 2478-2483.	4.6	6
82	Recombinant Toluene-4-monooxygenase:â€‰ Catalytic and MÃ¶ssbauer Studies of the Purified Diiron and Rieske Components of a Four-Protein Complex. Biochemistry, 1996, 35, 9106-9119.	1.2	180
83	Amino acids as reduced carbon sources for Enterobacter cloacae during colonization of the spermospheres of crop plants. Soil Biology and Biochemistry, 1996, 28, 1015-1020.	4.2	20
84	Bacterial plasmid conjugation on semi-solid surfaces monitored with the green fluorescent protein (GFP) from Aequorea victoria as a marker. Gene, 1996, 173, 59-65.	1.0	115
85	A pBRINT family of plasmids for integration of cloned DNA into the Escherichia coli chromosome. Gene, 1996, 172, 65-69.	1.0	20
86	VTR expression cassettes for engineering conditional phenotypes in Pseudomonas: activity of the Pu promoter of the TOL plasmid under limiting concentrations of the XylR activator protein. Gene, 1996, 172, 81-86.	1.0	36
87	Relationship BetweenEscherichia coliGrowth and Deletions of CTGÂ·CAG Triplet Repeats in Plasmids. Journal of Molecular Biology, 1996, 264, 82-96.	2.0	65
88	Transfer of a pertussis toxin expression locus to isogenicbvg-positive andbvg-negative strains ofBordetella bronchisepticausing anin vivotechnique. Microbial Pathogenesis, 1996, 20, 263-273.	1.3	6
89	Towards a vaccine candidate againstShigella dysenteriae1: expression of the Shiga toxin B-subunit in an attenuatedShigella flexneri aroDcarrier strain. Microbial Pathogenesis, 1996, 21, 277-288.	1.3	23
90	Molecular analysis of thebvg-repressed urease ofBordetella bronchiseptica. Microbial Pathogenesis, 1996, 21, 379-394.	1.3	42
91	Evaluation of the biological containment system based on the Escherichia coli gef gene in Pseudomonas aeruginosa W51D. Applied Microbiology and Biotechnology, 1996, 46, 549-553.	1.7	7

#	Article	IF	Citations
92	Improved delivery of biocontrolPseudomonas and their antifungal metabolites using alginate polymers. Applied Microbiology and Biotechnology, 1996, 44, 740-745.	1.7	28
93	Designing bacteria for the degradation of nitro- and chloroaromatic pollutants. Die Naturwissenschaften, 1996, 83, 201-213.	0.6	12
94	Development of techniques for the genetic manipulation of the gliding bacteriaLysobacter enzymogenesandLysobacter brunescens. Canadian Journal of Microbiology, 1996, 42, 896-902.	0.8	13
95	Ferric rhizoferrin uptake into Morganella morganii: characterization of genes involved in the uptake of a polyhydroxycarboxylate siderophore. Journal of Bacteriology, 1996, 178, 496-504.	1.0	37
96	Characterization of an OprL null mutant of Pseudomonas putida. Journal of Bacteriology, 1996, 178, 5836-5840.	1.0	29
97	In vivo selection of porin-deficient mutants of Klebsiella pneumoniae with increased resistance to cefoxitin and expanded-spectrum-cephalosporins. Antimicrobial Agents and Chemotherapy, 1996, 40, 342-348.	1.4	220
98	Molecular characterization of the 4-hydroxyphenylacetate catabolic pathway of Escherichia coli W: engineering a mobile aromatic degradative cluster. Journal of Bacteriology, 1996, 178, 111-120.	1.0	143
99	Type 1 fimbrial expression enhances Escherichia coli virulence for the urinary tract.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 9827-9832.	3.3	639
100	Characterization and expression of the plasmid-borne bedD gene from Pseudomonas putida ML2, which codes for a NAD+-dependent cis-benzene dihydrodiol dehydrogenase. Journal of Bacteriology, 1996, 178, 5592-5601.	1.0	24
101	Development of techniques for the genetic manipulation of the gliding bacterium Cytophaga johnsonae. Journal of Bacteriology, 1996, 178, 583-590.	1.0	113
102	Tn10 insertional mutagenesis in Pasteurella multocida. Veterinary Microbiology, 1996, 50, 143-148.	0.8	11
103	Efficiency of MucAB and Escherichia coli UmuDC proteins in quinolone and UV mutagenesis in Salmonella typhimurium: effect of MucA and UmuD processing. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 349, 201-208.	0.4	4
104	Mini-TnhlyAs: a new tool for the construction of secreted fusion proteins. Molecular Genetics and Genomics, 1996, 252, 266-274.	2.4	6
105	Surface signaling in transcriptional regulation of the ferric citrate transport system ofEscherichia coli: mutational analysis of the alternative sigma factor FecI supports its essential role infec transport gene transcription. Molecular Genetics and Genomics, 1996, 250, 455-465.	2.4	32
106	Characterization of type II protein secretion (xcp) genes in the plant growth-stimulatingPseudomonas putida, strain WCS358. Molecular Genetics and Genomics, 1996, 250, 491-504.	2.4	24
107	Labeling Salmonella live vaccine strains with the lux operon from Vibrio fischeri improves their detection and discrimination from wild type. Microbiological Research, 1996, 151, 407-419.	2.5	4
108	Chemotactic motility is required for invasion of the host by the fish pathogen Vibrio anguillarum. Molecular Microbiology, 1996, 19, 625-637.	1.2	160
109	A stringently controlled expression system for analysing lateral gene transfer between bacteria. Molecular Microbiology, 1996, 21, 293-300.	1.2	23

#	Article	IF	Citations
110	The construction of a nopaline-inducible marker system for rapid detection of Agrobacterium strains. Biotechnology Letters, 1996, 18, 991-996.	1.1	0
111	Construction of a modified mini-Tn5lacZYnon-antibiotic marker cassette: ecological evaluation of alacZYmarkedPseudomonasstrain in the sugarbeet rhizosphere. FEMS Microbiology Letters, 1996, 135, 251-257.	0.7	15
112	Linker insertion analysis of the FimH adhesin of type 1 fimbriae in anEscherichia coli fimH-null background. FEMS Microbiology Letters, 1996, 137, 257-263.	0.7	56
113	Characterisation of carbon dioxide-inducible genes of the marine bacterium,pseudomonassp. S91. FEMS Microbiology Letters, 1996, 140, 37-42.	0.7	19
114	Construction and use of a new vector/transposon, pLBT::mim-Tn10:lac:kan, to identify environmentally responsive genes in a marine bacterium. FEMS Microbiology Letters, 1996, 140, 287-294.	0.7	15
115	Construction of GFP vectors for use in Gram-negative bacteria other thanEscherichia coli. FEMS Microbiology Letters, 1996, 145, 87-94.	0.7	124
116	Tn5â€induced Xenorhabdus bovienii lecithinase mutants demonstrate reduced virulence for Galleria mellonella larvae. Journal of Applied Bacteriology, 1996, 80, 411-417.	1.1	7
117	An Escherichia coli hemolysin transport system-based vector for the export of polypeptides: Export of shiga-like toxin IIeB subunit by Salmonella typhimurium aroA. Nature Biotechnology, 1996, 14, 765-769.	9.4	75
118	Restricting the Dispersal of Recombinant DNA: Design of a Contained Biological Catalyst. Nature Biotechnology, 1996, 14, 189-191.	9.4	11
119	Expression and Biological Activity of Mouse Fibroblast Growth Factor-9. Journal of Biological Chemistry, 1996, 271, 1726-1731.	1.6	87
120	Modulation of gene expression through chromosomal positioning in Escherichia coli. Microbiology (United Kingdom), 1997, 143, 2071-2078.	0.7	118
121	Effector Specificity Mutants of the Transcriptional Activator NahR of Naphthalene Degrading Pseudomonas Define Protein Sites Involved in Binding of Aromatic Inducers. Journal of Biological Chemistry, 1997, 272, 3986-3992.	1.6	87
122	The Rhizobium meliloti PII protein, which controls bacterial nitrogen metabolism, affects alfalfa nodule development.. Genes and Development, 1997, 11, 1194-1206.	2.7	38
123	Maintenance of broad-host-range incompatibility group P and group Q plasmids and transposition of Tn5 in Bartonella henselae following conjugal plasmid transfer from Escherichia coli. Journal of Bacteriology, 1997, 179, 538-540.	1.0	262
124	Structural and functional analysis of the phosphoenolpyruvate carboxylase gene from the purple nonsulfur bacterium Rhodopseudomonas palustris No. 7. Journal of Bacteriology, 1997, 179, 4942-4945.	1.0	20
125	Construction and characterization of genetically-marked bivalent anti-Shigella dysenteriae1 and anti-Shigella flexneriY live vaccine candidates. Microbial Pathogenesis, 1997, 22, 363-376.	1.3	10
126	Identification and molecular characterization of a 27 kDaShigella flexneriinvasion plasmid antigen, IpaJ. Microbial Pathogenesis, 1997, 23, 357-369.	1.3	12
127	Measurement of the competitiveness index of Rhizobium tropici strain CIAT899 derivatives marked with the gusA gene. Soil Biology and Biochemistry, 1997, 29, 1099-1110.	4.2	33

#	Article	IF	Citations
128	Chromosomal insertion of the entire Escherichia coli lactose operon, into two strains of Pseudomonas, using a modified mini-Tn5 delivery system. Gene, 1997, 186, 167-173.	1.0	51
129	Green fluorescent protein-based reporter systems for genetic analysis of bacteria including monocopy applications. Gene, 1997, 196, 69-74.	1.0	130
130	Insertional mutagenesis by a modified in vitro Ty1 transposition system. Gene, 1997, 198, 27-35.	1.0	27
131	Genetic characterization of insertion sequence ISJP4 on plasmid pJP4 from Ralstonia eutropha JMP134. Gene, 1997, 202, 103-114.	1.0	33
132	Heterologous expression of biphenyl dioxygenase-encoding genes from a gram-positive broad-spectrum polychlorinated biphenyl degrader and characterization of chlorobiphenyl oxidation by the gene products. Journal of Bacteriology, 1997, 179, 1924-1930.	1.0	58
133	Construction of a trivalent candidateShigella vaccine strain with host-vector balanced-lethal system. Science in China Series C: Life Sciences, 1997, 40, 52-59.	1.3	1
134	A method for modifying the adhesive phenotype of wild isolates ofEscherichia coli in coli-bacterin producer strains. Bulletin of Experimental Biology and Medicine, 1997, 124, 917-920.	0.3	0
135	A locus coding for putative non-ribosomal peptide/polyketide synthase functions is mutated in a swarming-defective Proteus mirabilis strain. Molecular Genetics and Genomics, 1997, 253, 415-427.	2.4	40
136	A gene involved in both protein secretion during growth and starvationâ€induced development encodes a subunit of the NADH:ubiquinone oxidoreductase in Myxococcus xanthus. Molecular Microbiology, 1997, 23, 1043-1052.	1.2	12
137	A motile but nonâ€swarming mutant of Proteus mirabilis lacks FlgN, a facilitator of flagella filament assembly. Molecular Microbiology, 1997, 25, 597-604.	1.2	41
138	Bacterial copperâ€and zincâ€cofactored superoxide dismutase contributes to the pathogenesis of systemic salmonellosis. Molecular Microbiology, 1997, 25, 785-796.	1.2	137
139	Analysis of the carbapenem gene cluster of Erwinia carotovora : definition of the antibiotic biosynthetic genes and evidence for a novel Î²â€lactam resistance mechanism. Molecular Microbiology, 1997, 26, 545-556.	1.2	91
140	Gene Expression in Bacteria Directed by Plant-specific Regulatory Sequences. Transgenic Research, 1998, 7, 403-411.	1.3	26
141	Use of marker genes in competition studies of Rhizobium. Plant and Soil, 1998, 204, 35-45.	1.8	28
142	Mini-transposons in microbial ecology and environmental biotechnology. FEMS Microbiology Ecology, 1998, 27, 211-224.	1.3	43
143	Construction and analysis ofluxCDABE-based plasmid sensors for investigatingN-acyl homoserine lactone-mediated quorum sensing. FEMS Microbiology Letters, 1998, 163, 185-192.	0.7	562
144	Engineering theluxCDABEgenes fromPhotorhabdus luminescensto provide a bioluminescent reporter for constitutive and promoter probe plasmids and mini-Tn5constructs. FEMS Microbiology Letters, 1998, 163, 193-202.	0.7	240
145	Serotype conversion of a Shigella flexneri candidate vaccine strain via a novel site-specific chromosome-integration system. FEMS Microbiology Letters, 1998, 166, 79-87.	0.7	13

#	Article	IF	Citations
146	Functional interactions betweenchpBandparD, two homologous conditional killer systems found in theEscherichia colichromosome and in plasmid R1. FEMS Microbiology Letters, 1998, 168, 51-58.	0.7	29
147	Construction of a umuCâ€²â€“luxAB plasmid for the detection of mutagenic DNA repair via luminescence. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1998, 398, 131-141.	0.4	19
148	Is natural genetic transformation a mechanism of horizontal gene transfer inYersinia?. Journal of Basic Microbiology, 1998, 38, 17-26.	1.8	4
149	The Effect of the lacY Gene on the Induction of IPTG Inducible Promoters, Studied in Escherichia coli and Pseudomonas fluorescens. Current Microbiology, 1998, 36, 341-347.	1.0	60
150	The diversity of lipases from psychrotrophic strains of Pseudomonas : a novel lipase from a highly lipolytic strain of Pseudomonas fluorescens. Journal of Applied Microbiology, 1998, 85, 527-536.	1.4	31
151	A twoâ€component regulatory system playing a critical role in plant pathogens and endosymbionts is present inBrucella abortusand controls cell invasion and virulence. Molecular Microbiology, 1998, 29, 125-138.	1.2	264
152	Genes encoding putative effector proteins of the type III secretion system ofSalmonellapathogenicity island 2 are required for bacterial virulence and proliferation in macrophages. Molecular Microbiology, 1998, 30, 163-174.	1.2	571
153	Cell division genesftsQAZinEscherichia colirequire distantcis-acting signals upstream ofddlBfor full expression. Molecular Microbiology, 1998, 30, 305-315.	1.2	35
154	Manifestation of the Kanagawa phenomenon, the virulence-associated phenotype, of Vibrio parahaemolyticus depends on a particular single base change in the promoter of the thermostable direct haemolysin gene. Molecular Microbiology, 1998, 30, 499-511.	1.2	66
155	Direct selection cloning vectors adapted to the genetic analysis of Gram-negative bacteria and their plasmids. Gene, 1998, 207, 87-92.	1.0	17
156	pBRINT-Ts: a plasmid family with a temperature-sensitive replicon, designed for chromosomal integration into the lacZ gene of Escherichia coli1Published in conjunction with A Wisconsin Gathering Honoring Waclaw Szybalski on the occasion of his 75th year and 20years of Editorship-in-Chief of Gene, 10â€“11 August 1997, University of Wisconsin, Madison, WI, USA.1. Gene, 1998, 223, 213-219.	1.0	25
157	Construction of a physical and preliminary genetic map of Aerornonas hydrophila IMP636. Microbiology (United Kingdom), 1998, 144, 3087-3096.	0.7	11
158	Conjugating DNA into Mycobacteria. , 1998, 101, 119-128.		0
159	Cryptic carbapenem antibiotic production genes are widespread in Erwinia carotovora: facile trans activation by the carR transcriptional regulator. Microbiology (United Kingdom), 1998, 144, 1495-1508.	0.7	47
160	Osmoregulatory transporter ProP influences colonization of the urinary tract by Escherichia coli. Microbiology (United Kingdom), 1998, 144, 91-102.	0.7	58
161	Replication Origin of the Broad Host Range Plasmid RK2. Journal of Biological Chemistry, 1998, 273, 8447-8453.	1.6	43
162	Purification and Preliminary Characterization of a Serine Hydrolase Involved in the Microbial Degradation of Polychlorinated Biphenyls. Journal of Biological Chemistry, 1998, 273, 22943-22949.	1.6	64
163	Small Slipped Register Genetic Instabilities in Escherichia coli in Triplet Repeat Sequences Associated with Hereditary Neurological Diseases. Journal of Biological Chemistry, 1998, 273, 19532-19541.	1.6	61

#	Article	IF	Citations
164	Interspecies Bacterial Comjugation by Plasmids from Marine Environments Visualized by gfp Expression. Molecular Biology and Evolution, 1998, 15, 385-390.	3.5	44
165	Molecular characterization of the phenylacetic acid catabolic pathway in Pseudomonas putida U: The phenylacetyl-CoA catabolon. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6419-6424.	3.3	202
166	Engineering of Quasi-Natural Pseudomonas putida Strains for Toluene Metabolism through an ortho -Cleavage Degradation Pathway. Applied and Environmental Microbiology, 1998, 64, 748-751.	1.4	58
167	In Situ Gene Expression in Mixed-Culture Biofilms: Evidence of Metabolic Interactions between Community Members. Applied and Environmental Microbiology, 1998, 64, 721-732.	1.4	307
168	New Unstable Variants of Green Fluorescent Protein for Studies of Transient Gene Expression in Bacteria. Applied and Environmental Microbiology, 1998, 64, 2240-2246.	1.4	883
169	Establishment of New Genetic Traits in a Microbial Biofilm Community. Applied and Environmental Microbiology, 1998, 64, 2247-2255.	1.4	284
170	Intergeneric Transfer of Conjugative and Mobilizable Plasmids Harbored byEscherichia coliin the Gut of the Soil MicroarthropodFolsomia candida(Collembola). Applied and Environmental Microbiology, 1998, 64, 2652-2659.	1.4	111
171	atp Mutants of Escherichia coli Fail To Grow on Succinate Due to a Transport Deficiency. Journal of Bacteriology, 1998, 180, 5855-5859.	1.0	34
172	Improved Antibiotic-Resistance Cassettes Through Restriction Site Elimination Using Pfu DNA Polymerase PCR. BioTechniques, 1998, 25, 772-776.	0.8	54
173	Distribution of Bacterial Growth Activity in Flow-Chamber Biofilms. Applied and Environmental Microbiology, 1999, 65, 4108-4117.	1.4	267
174	Identification of a Regulator That Controls Stationary-Phase Expression of Catalase-Peroxidase in Caulobacter crescentus. Journal of Bacteriology, 1999, 181, 6152-6159.	1.0	16
175	Reduction of Cell Lysate Viscosity during Processing of Poly(3-Hydroxyalkanoates) by Chromosomal Integration of the Staphylococcal Nuclease Gene in Pseudomonas putida. Applied and Environmental Microbiology, 1999, 65, 1524-1529.	1.4	39
176	Identification and Sequencing of Î²-Myrcene Catabolism Genes from Pseudomonas sp. Strain M1. Applied and Environmental Microbiology, 1999, 65, 2871-2876.	1.4	32
177	Simultaneous Monitoring of Cell Number and Metabolic Activity of Specific Bacterial Populations with a Dual gfp-luxAB Marker System. Applied and Environmental Microbiology, 1999, 65, 813-821.	1.4	177
178	Engineering of a Stable Whole-Cell Biocatalyst Capable of (S)-Styrene Oxide Formation for Continuous Two-Liquid-Phase Applications. Applied and Environmental Microbiology, 1999, 65, 5619-5623.	1.4	92
179	A Critical DnaA Box Directs the Cooperative Binding of theEscherichia coli DnaA Protein to the Plasmid RK2 Replication Origin. Journal of Biological Chemistry, 1999, 274, 17918-17923.	1.6	22
180	Demonstration by a nested PCR for Mycoplasma pneumoniae that M. pneumoniae load in the throat is higher in patients hospitalised for M. pneumoniae infection than in non-hospitalised subjects. Journal of Medical Microbiology, 1999, 48, 1115-1122.	0.7	29
181	Toward functional genomics in bacteria: Analysis of gene expression in Escherichia coli from a bacterial artificial chromosome library of Bacillus cereus. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6451-6455.	3.3	117

#	Article	IF	Citations
182	Novel Biodegradable Aromatic Plastics from a Bacterial Source. Journal of Biological Chemistry, 1999, 274, 29228-29241.	1.6	116
183	Adaptation of Pseudomonas fluorescens to the plant rhizosphere. Environmental Microbiology, 1999, 1, 243-257.	1.8	354
184	The long-term cytoskeletal rearrangement induced by rabbit enteropathogenic Escherichia coli is Esp dependent but intimin independent. Molecular Microbiology, 1999, 31, 19-30.	1.2	29
185	Involvement of the FtsH (HflB) protease in the activity of sigma54 promoters. Molecular Microbiology, 1999, 31, 261-270.	1.2	39
186	Identification of Yersinia enterocolitica genes affecting survival in an animal host using signature-tagged transposon mutagenesis. Molecular Microbiology, 1999, 32, 51-62.	1.2	212
187	Host-dependent requirement for specific DnaA boxes for plasmid RK2 replication. Molecular Microbiology, 1999, 33, 490-498.	1.2	33
188	Identification and molecular characterization of a novel Salmonella enteritidis pathogenicity islet encoding an ABC transporter. Molecular Microbiology, 1999, 33, 791-805.	1.2	46
189	A single-step transconjugation system for the introduction of unmarked deletions intoActinobacillus pleuropneumoniaeserotype 7 using a sucrose sensitivity marker. FEMS Microbiology Letters, 1999, 179, 153-160.	0.7	75
190	Studies on the roles of GlnK and GlnB in regulatingKlebsiella pneumoniaeNifL-dependent nitrogen control. FEMS Microbiology Letters, 1999, 180, 263-270.	0.7	40
191	Viable, but non-culturable, state of a green fluorescence protein-tagged environmental isolate ofSalmonella typhiin groundwater and pond water. FEMS Microbiology Letters, 1999, 170, 257-264.	0.7	78
192	Identification of immunodominant epitopes in the filamentous hemagglutinin ofBordetella pertussis. FEMS Immunology and Medical Microbiology, 1999, 23, 235-241.	2.7	14
193	pCOR: a new design of plasmid vectors for nonviral gene therapy. Gene Therapy, 1999, 6, 1482-1488.	2.3	109
194	Whole cell- and protein-based biosensors for the detection of bioavailable heavy metals in environmental samples. Analytica Chimica Acta, 1999, 387, 235-244.	2.6	248
195	Molecular and biochemical aspects of rhizobacterial ecology with emphasis on biological control. World Journal of Microbiology and Biotechnology, 1999, 15, 535-543.	1.7	10
196	Integration of minitransposons for expression of the Escherichia coli elt genes at a preferred site in Salmonella typhimurium identifies a novel putative fimbrial locus. Archives of Microbiology, 1999, 171, 122-126.	1.0	4
197	Bacteria designed for bioremediation. Trends in Biotechnology, 1999, 17, 201-204.	4.9	258
198	[2] Molecular tools for study of biofilm physiology. Methods in Enzymology, 1999, 310, 20-42.	0.4	246
199	Bi-functional gfp-and gusA-containing mini-Tn5 transposon derivatives for combined gene expression and bacterial localization studies. Journal of Microbiological Methods, 1999, 35, 85-92.	0.7	122

#	Article	IF	Citations
200	Green fluorescent protein-based direct viable count to verify a viable but non-culturable state of Salmonella typhi in environmental samples. Journal of Microbiological Methods, 1999, 36, 227-235.	0.7	37
201	Toluene metabolism by the solvent-tolerant Pseudomonas putida DOT-T1 strain, and its role in solvent impermeabilization. Gene, 1999, 232, 69-76.	1.0	123
202	Bioconversion of toluene to p-hydroxybenzoate. Green Chemistry, 1999, 1, 143-152.	4.6	6
203	4 Isolation and Development of Transposons. Methods in Microbiology, 1999, , 133-167.	0.4	2
204	A Bioluminescent Whole-Cell Reporter for Detection of 2,4-Dichlorophenoxyacetic Acid and 2,4-Dichlorophenol in Soil. Applied and Environmental Microbiology, 2000, 66, 4589-4594.	1.4	70
205	Study of Cytochrome bo Function in Vitreoscilla Using a cyo- Knockout Mutant. Journal of Biochemistry, 2000, 128, 49-55.	0.9	6
206	Parameters Affecting Gene Expression from the Pm Promoter in Gram-Negative Bacteria. Metabolic Engineering, 2000, 2, 79-91.	3.6	40
207	Retrotransfer of DNA in the rhizosphere. Environmental Microbiology, 2000, 2, 319-323.	1.8	37
208	The putative invasion protein chaperone SicA acts together with InvF to activate the expression of Salmonella typhimurium virulence genes. Molecular Microbiology, 2000, 35, 949-960.	1.2	113
209	The G-protein FlhF has a role in polar flagellar placement and general stress response induction in Pseudomonas putida. Molecular Microbiology, 2000, 36, 414-423.	1.2	115
210	The role of the interdomain B linker in the activation of the XylR protein of Pseudomonas putida. Molecular Microbiology, 2000, 38, 401-410.	1.2	39
211	Engineering outer-membrane proteins in Pseudomonas putida for enhanced heavy-metal bioadsorption. Journal of Inorganic Biochemistry, 2000, 79, 219-223.	1.5	76
212	Vectors to achieve selective expression of vaccine antigens within eukaryotic cells usingSalmonellaspp. as carrier strains. FEMS Microbiology Letters, 2000, 182, 219-223.	0.7	7
213	Virulence and mutation rates ofSalmonella typhimuriumstrains with increased mutagenic strength in a mouse model. FEMS Microbiology Letters, 2000, 187, 145-150.	0.7	13
214	Detection and quantification of tetracyclines by whole cell biosensors. FEMS Microbiology Letters, 2000, 190, 273-278.	0.7	76
215	Isolation of a new insertion element ofYersinia intermediaclosely related to remnants of mobile genetic elements present onYersiniaplasmids harboring the Yop virulon. FEMS Microbiology Letters, 2000, 193, 37-44.	0.7	6
216	Versatile biosensor vectors for detection and quantification of mercury. FEMS Microbiology Letters, 2000, 193, 123-127.	0.7	99
217	The molecular biology of Pasteurella multocida. Veterinary Microbiology, 2000, 72, 3-25.	0.8	102

#	Article	IF	Citations
218	comB , a novel competence gene required for natural transformation of Acinetobacter sp. BD413: identification, characterization, and analysis of growth-phase-dependent regulation. Archives of Microbiology, 2000, 173, 220-228.	1.0	26
219	Natural Transformation of Acinetobacter sp. Strain BD413 with Cell Lysates of Acinetobacter sp., Pseudomonas fluorescens , and Burkholderia cepacia in Soil Microcosms. Applied and Environmental Microbiology, 2000, 66, 206-212.	1.4	86
220	Fatty Acid Competition as a Mechanism by Which Enterobacter cloacae Suppresses Pythium ultimum Sporangium Germination and Damping-Off. Applied and Environmental Microbiology, 2000, 66, 5340-5347.	1.4	88
221	Crc Is Involved in Catabolite Repression Control of the bkd Operons of Pseudomonas putida andPseudomonas aeruginosa. Journal of Bacteriology, 2000, 182, 1144-1149.	1.0	95
222	Steady-state Kinetic Characterization and Crystallization of a Polychlorinated Biphenyl-transforming Dioxygenase. Journal of Biological Chemistry, 2000, 275, 12430-12437.	1.6	62
223	Symbiosis-specific expression of Rhizobium etli casA encoding a secreted calmodulin-related protein. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11114-11119.	3.3	53
224	Analysis of the Role of recA in Phenotypic Switching of Pseudomonas tolaasii. Journal of Bacteriology, 2000, 182, 6532-6535.	1.0	30
225	Inactivation of gltB Abolishes Expression of the Assimilatory Nitrate Reductase Gene (nasB) in Pseudomonas putida KT2442. Journal of Bacteriology, 2000, 182, 3368-3376.	1.0	12
226	In Vivo Increase in Resistance to Ciprofloxacin in Escherichia coli Associated with Deletion of the C-Terminal Part of MarR. Antimicrobial Agents and Chemotherapy, 2000, 44, 1865-1868.	1.4	41
227	Role of tfdC I D I E I F I and tfdD II C II E II F II Gene Modules in Catabolism of 3-Chlorobenzoate by Ralstonia eutropha JMP134(pJP4). Applied and Environmental Microbiology, 2000, 66, 1602-1608.	1.4	62
228	Effect of Dissemination of 2,4-Dichlorophenoxyacetic Acid (2,4-D) Degradation Plasmids on 2,4-D Degradation and on Bacterial Community Structure in Two Different Soil Horizons. Applied and Environmental Microbiology, 2000, 66, 3297-3304.	1.4	148
229	Bioconversion of Toluene to p-Hydroxybenzoate Using a Recombinant Pseudomonas putida. ACS Symposium Series, 2000, , 126-142.	0.5	0
230	Inactivation of a Novel Gene Produces a Phenotypic Variant Cell and Affects the Symbiotic Behavior of Xenorhabdus nematophilus. Applied and Environmental Microbiology, 2000, 66, 1622-1628.	1.4	23
231	HbpR, a New Member of the XylR/DmpR Subclass within the NtrC Family of Bacterial Transcriptional Activators, Regulates Expression of 2-Hydroxybiphenyl Metabolism in Pseudomonas azelaica HBP1. Journal of Bacteriology, 2000, 182, 405-417.	1.0	69
232	Linkage of vat (E) and erm (B) in Streptogramin-Resistant Enterococcus faecium Isolates from Europe. Antimicrobial Agents and Chemotherapy, 2000, 44, 2231-2232.	1.4	50
233	Effects of Combination of Different â^'10 Hexamers and Downstream Sequences on Stationary-Phase-Specific Sigma Factor Ï‚S-Dependent Transcription in Pseudomonas putida. Journal of Bacteriology, 2000, 182, 6707-6713.	1.0	35
234	Transcription from Fusion Promoters Generated during Transposition of Transposon Tn 4652 Is Positively Affected by Integration Host Factor in Pseudomonas putida. Journal of Bacteriology, 2000, 182, 589-598.	1.0	21
235	Tandem Duplication. Journal of Biological Chemistry, 2000, 275, 28386-28397.	1.6	26

#	Article	IF	Citations
236	Lack of a Role of Cytotoxic Necrotizing Factor 1 Toxin from Escherichia coli in Bacterial Pathogenicity and Host Cytokine Response in Infected Germfree Piglets. Infection and Immunity, 2000, 68, 839-847.	1.0	48
237	Role of Tir and Intimin in the Virulence of Rabbit Enteropathogenic Escherichia coli Serotype O103:H2. Infection and Immunity, 2000, 68, 2171-2182.	1.0	143
238	Antigen 43 and Type 1 Fimbriae Determine Colony Morphology of Escherichia coli K-12. Journal of Bacteriology, 2000, 182, 1089-1095.	1.0	90
239	Phenylacetyl-Coenzyme A Is the True Inducer of the Phenylacetic Acid Catabolism Pathway in Pseudomonas putida U. Applied and Environmental Microbiology, 2000, 66, 4575-4578.	1.4	31
240	Linker insertion mutagenesis based on IS21 transposition: isolation of an AMP-insensitive variant of catabolic ornithine carbamoyltransferase from Pseudomonas aeruginosa. Protein Engineering, Design and Selection, 2000, 13, 329-337.	1.0	8
241	Chromosomal Integration of tcb Chlorocatechol Degradation Pathway Genes as a Means of Expanding the Growth Substrate Range of Bacteria To Include Haloaromatics. Applied and Environmental Microbiology, 2000, 66, 3255-3261.	1.4	34
242	[3] Tagging exported proteins using Escherichia coli alkaline phosphatase gene fusions. Methods in Enzymology, 2000, 326, 35-47.	0.4	43
243	Mutations in Each of the tol Genes ofPseudomonas putida Reveal that They Are Critical for Maintenance of Outer Membrane Stability. Journal of Bacteriology, 2000, 182, 4764-4772.	1.0	98
244	Identification and Characterization of Yersinia enterocolitica Genes Induced during Systemic Infection. Infection and Immunity, 2000, 68, 6633-6642.	1.0	33
245	Bacterial Activity in the Rhizosphere Analyzed at the Single-Cell Level by Monitoring Ribosome Contents and Synthesis Rates. Applied and Environmental Microbiology, 2000, 66, 801-809.	1.4	174
246	A Set of Genes Encoding a Second Toluene Efflux System in Pseudomonas putida DOT-T1E Is Linked to the tod Genes for Toluene Metabolism. Journal of Bacteriology, 2000, 182, 937-943.	1.0	113
247	Characterization of SepL of EnterohemorrhagicEscherichia coli. Journal of Bacteriology, 2000, 182, 6490-6498.	1.0	58
248	Generation of New Hydrogen-Recycling Rhizobiaceae Strains by Introduction of a Novel hup Minitransposon. Applied and Environmental Microbiology, 2000, 66, 4292-4299.	1.4	29
249	Bioaugmentation of Activated Sludge by an Indigenous 3-Chloroaniline-Degrading Comamonas testosteroni Strain, I2 gfp. Applied and Environmental Microbiology, 2000, 66, 2906-2913.	1.4	318
250	Proline Catabolism by Pseudomonas putida : Cloning, Characterization, and Expression of the put Genes in the Presence of Root Exudates. Journal of Bacteriology, 2000, 182, 91-99.	1.0	86
251	Identification of a Chitin-Binding Protein Secreted by Pseudomonas aeruginosa. Journal of Bacteriology, 2000, 182, 1257-1263.	1.0	93
252	Identification of Pasteurella multocida virulence genes in a septicemic mouse model using signature-tagged mutagenesis. Microbial Pathogenesis, 2000, 29, 25-38.	1.3	144
253	Optimized Expression and Purification of Toluene 4-Monooxygenase Hydroxylase. Protein Expression and Purification, 2000, 20, 58-65.	0.6	32

#	Article	IF	Citations
254	Identification of four structural genes and two putative promoters necessary for utilization of phenanthrene naphthalene, fluoranthene, and by Sphingomonas paucimobilis var. EPA505.. Gene, 2000, 260, 155-169.	1.0	43
255	Immuno-capture differential display method (IDDM) for the detection of environmentally induced promoters in rhizobacteria. Journal of Microbiological Methods, 2000, 41, 77-84.	0.7	8
256	Efficient amplification of multiple transposon-flanking sequences. Journal of Microbiological Methods, 2000, 41, 195-199.	0.7	82
257	A comparison of enumeration methods for culturable Pseudomonas fluorescens cells marked with green fluorescent protein. Journal of Microbiological Methods, 2000, 40, 135-145.	0.7	38
258	Transposon mutagenesis in Halomonas eurihalina. Research in Microbiology, 2000, 151, 13-18.	1.0	19
259	Marinomonas mediterranea MMB-1 Transposon Mutagenesis: Isolation of a Multipotent Polyphenol Oxidase Mutant. Journal of Bacteriology, 2000, 182, 3754-3760.	1.0	53
260	Deletions of mob and tra pJP4 transfer functions after mating of Ralstonia eutropha JMP134 (pJP4) with Escherichia coli harboring F'::Tn10. Canadian Journal of Microbiology, 2000, 46, 485-489.	0.8	5
261	From Redox Flow to Gene Regulation:â€‰ Role of the PrrC Protein of Rhodobacter sphaeroides 2.4.1. Biochemistry, 2000, 39, 2052-2062.	1.2	85
262	The Pseudomonas aeruginosa Lectins PA-IL and PA-IIL Are Controlled by Quorum Sensing and by RpoS. Journal of Bacteriology, 2000, 182, 6401-6411.	1.0	230
263	Comparison of microcolony formation betweenVibriosp. strain S141 and a flagellumâ€negative mutant developing on agar and glass substrata. Biofouling, 2000, 15, 183-193.	0.8	4
264	Use of a plasmid of a Yersinia enterocolitica biogroup 1A strain for the construction of cloning vectors. Journal of Biotechnology, 2000, 79, 63-72.	1.9	31
265	Effect of Genomic Location on Horizontal Transfer of a Recombinant Gene Cassette Between Pseudomonas Strains in the Rhizosphere and Spermosphere of Barley Seedlings. Current Microbiology, 2001, 42, 160-167.	1.0	49
266	Transcription of the Escherichia coli dcw cluster: Evidence for distal upstream transcripts being involved in the expression of the downstream ftsZ gene. Biochimie, 2001, 83, 109-115.	1.3	18
267	Genetic Diversity among 3-Chloroaniline- and Aniline-Degrading Strains of the Comamonadaceae. Applied and Environmental Microbiology, 2001, 67, 1107-1115.	1.4	150
268	Transposon Mutagenesis in Purple Sulfur Photosynthetic Bacteria: Identification of hypF , Encoding a Protein Capable of Processing [NiFe] Hydrogenases in Î±, Î², and Î³ Subdivisions of the Proteobacteria. Applied and Environmental Microbiology, 2001, 67, 2476-2483.	1.4	41
269	Stimulatory effects of compounds present in the rhizosphere on natural transformation of Acinetobacter sp. BD413 in soil. Soil Biology and Biochemistry, 2001, 33, 345-357.	4.2	51
270	phzO , a Gene for Biosynthesis of 2-Hydroxylated Phenazine Compounds in Pseudomonas aureofaciens 30-84. Journal of Bacteriology, 2001, 183, 318-327.	1.0	151
271	Phenotype and Virulence of a Transposon-Derived Lipopolysaccharide O Side-Chain Mutant Strain ofEdwardsiella ictaluri. Journal of Aquatic Animal Health, 2001, 13, 291-299.	0.6	31

#	Article	IF	Citations
273	A Physical Map of the Syringomycin and Syringopeptin Gene Clusters Localized to an Approximately 145-kb DNA Region of Pseudomonas syringae pv. syringae Strain B301D. Molecular Plant-Microbe Interactions, 2001, 14, 1426-1435.	1.4	45
274	Detection of Small Sequence Differences Using Competitive PCR: Molecular Monitoring of Genetically Improved, Mercury-Reducing Bacteria. BioTechniques, 2001, 30, 142-148.	0.8	11
275	Bioengineered Emulsans. ACS Symposium Series, 2001, , 240-256.	0.5	0
276	Involvement of gacA Gene in the Suppression of Tomato Bacterial Wilt by Pseudomonas fluorescens FPT9601. Journal of General Plant Pathology, 2001, 67, 134-143.	0.6	5
277	Plasmid transfer detection in soil using the inducible Î»Pr system fused to eukaryotic luciferase genes. Microbial Ecology, 2001, 41, 352-359.	1.4	3
278	Use of dual marker transposons to identify new symbiosis genes in Rhizobium. Microbial Ecology, 2001, 41, 325-332.	1.4	18
279	Contribution of the earthworm Lumbricus rubellus (Annelida, Oligochaeta) to the establishment of plasmids in soil bacterial communities. Microbial Ecology, 2001, 41, 341-351.	1.4	22
280	A WbpL mutant of Pseudomonas putida DOT-T1E strain, which lacks the O-antigenic side chain of lipopolysaccharides, is tolerant to organic solvent shocks. Extremophiles, 2001, 5, 93-99.	0.9	11
281	The cyo operon of Pseudomonas putida is involved in carbon catabolite repression of phenol degradation. Molecular Genetics and Genomics, 2001, 266, 199-206.	1.0	59
282	The role of RsmA in the regulation of swarming motility inSerratia marcescens. Journal of Biomedical Science, 2001, 8, 160-169.	2.6	35
283	Applicability of non-antibiotic resistance marker genes in ecological studies of introduced bacteria in forest soil. FEMS Microbiology Ecology, 2001, 38, 179-188.	1.3	5
284	Use of green fluorescent protein and luciferase biomarkers to monitor survival and activity of Arthrobacter chlorophenolicus A6 cells during degradation of 4-chlorophenol in soil. Environmental Microbiology, 2001, 3, 32-42.	1.8	62
285	Environmental selection of antibiotic resistance genes. Minireview. Environmental Microbiology, 2001, 3, 1-9.	1.8	331
286	Measuring mass transfer processes of octane with the help of an alkSalkB::gfp-tagged Escherichia coli. Environmental Microbiology, 2001, 3, 512-524.	1.8	45
287	A strain ofPseudomonas fluorescenswith two lipase-encoding genes, one of which possibly encodes cytoplasmic lipolytic activity. Journal of Applied Microbiology, 2001, 90, 979-987.	1.4	16
288	The psp locus of Yersinia enterocolitica is required for virulence and for growth in vitro when the Ysc type III secretion system is produced. Molecular Microbiology, 2001, 39, 429-445.	1.2	91
289	Two different pathways are involved in the Î²-oxidation of n-alkanoic and n-phenylalkanoic acids in Pseudomonas putida U: genetic studies and biotechnological applications. Molecular Microbiology, 2001, 39, 863-874.	1.2	83
290	Visualization of secreted Hrp and Avr proteins along the Hrp pilus during type III secretion in Erwinia amylovora and Pseudomonas syringae. Molecular Microbiology, 2001, 40, 1129-1139.	1.2	96

#	Article	IF	Citations
291	Title is missing!. Plant and Soil, 2001, 232, 181-193.	1.8	30
292	Isolation of Magnetospirillum magneticum AMB-1 Mutants Defective in Bacterial Magnetic Particle Synthesis by Transposon Mutagenesis. Applied Biochemistry and Biotechnology, 2001, 91-93, 147-154.	1.4	31
293	Chromosomal Editing in Escherichia coli: Vectors for DNA Integration and Excision. Molecular Biotechnology, 2001, 19, 001-012.	1.3	18
294	Type III secretion chaperone-dependent regulation: activation of virulence genes by SicA and InvF in Salmonella typhimurium. EMBO Journal, 2001, 20, 1850-1862.	3.5	201
295	Construction of a modified mini-Tn5 luxCDABE transposon for the development of bacterial biosensors for ecotoxicity testing. FEMS Microbiology Letters, 2001, 197, 159-165.	0.7	42
296	Biological activity and colonization pattern of the bioluminescence-labeled plant growth-promoting bacterium Kluyvera ascorbata SUD165/26. FEMS Microbiology Ecology, 2001, 35, 137-144.	1.3	30
297	Applicability of non-antibiotic resistance marker genes in ecological studies of introduced bacteria in forest soil. FEMS Microbiology Ecology, 2001, 38, 179-188.	1.3	2
298	Chromosomal integration of the Vitreoscilla hemoglobin gene in Burkholderia and Pseudomonas for the purpose of producing stable engineered strains with enhanced bioremediating ability. Journal of Industrial Microbiology and Biotechnology, 2001, 27, 27-33.	1.4	31
299	Molecular cloning and functional characterization of a unique multipotent polyphenol oxidase from Marinomonas mediterranea. BBA - Proteins and Proteomics, 2001, 1547, 104-116.	2.1	95
300	Efficient removal of sulfide following integration of multiple copies of the sulfide-quinone oxidoreductase gene (sqr) into the Escherichia coli chromosome. Journal of Bioscience and Bioengineering, 2001, 91, 493-499.	1.1	3
301	Motility and the Polar Flagellum Are Required for Aeromonas caviae Adherence to HEp-2 Cells. Infection and Immunity, 2001, 69, 4257-4267.	1.0	131
302	Natural Transformation in Mesophilic and Thermophilic Bacteria: Identification and Characterization of Novel, Closely Related Competence Genes in Acinetobacter sp. Strain BD413 and Thermus thermophilus HB27. Applied and Environmental Microbiology, 2001, 67, 3140-3148.	1.4	79
303	Transcriptional Organization and Dynamic Expression of the hbpCAD Genes, Which Encode the First Three Enzymes for 2-Hydroxybiphenyl Degradation in Pseudomonas azelaica HBP1. Journal of Bacteriology, 2001, 183, 270-279.	1.0	37
304	Two-Component Sensor Required for Normal Symbiotic Colonization of Euprymna scolopes by Vibrio fischeri. Journal of Bacteriology, 2001, 183, 835-842.	1.0	93
305	The Role of RsmA in the Regulation of Swarming Motility in Serratia marcescens. Journal of Biomedical Science, 2001, 8, 160-169.	2.6	35
306	The Alkane Hydroxylase Gene of Burkholderia cepacia RR10 Is under Catabolite Repression Control. Journal of Bacteriology, 2001, 183, 4202-4209.	1.0	64
307	Visualization of N -Acylhomoserine Lactone-Mediated Cell-Cell Communication between Bacteria Colonizing the Tomato Rhizosphere. Applied and Environmental Microbiology, 2001, 67, 5761-5770.	1.4	262
308	Application of High-Density Array-Based Signature-Tagged Mutagenesis To Discover Novel Yersinia Virulence-Associated Genes. Infection and Immunity, 2001, 69, 7810-7819.	1.0	91

#	Article	IF	Citations
309	Superimposed Levels of Regulation of the 4-Hydroxyphenylacetate Catabolic Pathway in Escherichia coli. Journal of Biological Chemistry, 2001, 276, 37060-37068.	1.6	23
310	Comparative Specificities of Two Evolutionarily Divergent Hydrolases Involved in Microbial Degradation of Polychlorinated Biphenyls. Journal of Bacteriology, 2001, 183, 1511-1516.	1.0	51
311	Role of flm Locus in MesophilicAeromonas Species Adherence. Infection and Immunity, 2001, 69, 65-74.	1.0	50
312	Dual System To Reinforce Biological Containment of Recombinant Bacteria Designed for Rhizoremediation. Applied and Environmental Microbiology, 2001, 67, 2649-2656.	1.4	124
313	Epitope tagging of chromosomal genes in Salmonella. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 15264-15269.	3.3	499
314	Organization and Regulation of meta Cleavage Pathway Genes for Toluene and o -Xylene Derivative Degradation in Pseudomonas stutzeri OX1. Applied and Environmental Microbiology, 2001, 67, 3304-3308.	1.4	89
315	N-Acylhomoserine-lactone-mediated communication between Pseudomonas aeruginosa and Burkholderia cepacia in mixed biofilms. Microbiology (United Kingdom), 2001, 147, 3249-3262.	0.7	358
316	The cep quorum-sensing system of Burkholderia cepacia H111 controls biofilm formation and swarming motility. Microbiology (United Kingdom), 2001, 147, 2517-2528.	0.7	414
317	Evaluation and Optimization of a DNA Transfer System forEdwardsiella ictaluri. Journal of Aquatic Animal Health, 2001, 13, 163-167.	0.6	14
318	Isolation of Magnetospirillum magneticum AMB-1 Mutants Defective in Bacterial Magnetic Particle Synthesis by Transposon Mutagenesis. , 2001, , 147-154.		0
319	Rational design of a bacterial transcriptional cascade for amplifying gene expression capacity. Nucleic Acids Research, 2001, 29, 759-766.	6.5	36
320	Predictive and Interpretive Simulation of Green Fluorescent Protein Expression in Reporter Bacteria. Journal of Bacteriology, 2001, 183, 6752-6762.	1.0	165
321	A Phosphopantetheinyl Transferase Homolog Is Essential for Photorhabdus luminescens To Support Growth and Reproduction of the Entomopathogenic Nematode Heterorhabditis bacteriophora. Journal of Bacteriology, 2001, 183, 3117-3126.	1.0	65
322	Translational and Structural Requirements of the Early Nodulin Gene enod40 , a Short-Open Reading Frame-Containing RNA, for Elicitation of a Cell-Specific Growth Response in the Alfalfa Root Cortex. Molecular and Cellular Biology, 2001, 21, 354-366.	1.1	106
323	Nickel-Resistance-Based Minitransposons: New Tools for Genetic Manipulation of Environmental Bacteria. Applied and Environmental Microbiology, 2001, 67, 1015-1019.	1.4	24
324	The Essential HupB and HupN Proteins of Pseudomonas putida Provide Redundant and Nonspecific DNA-bending Functions. Journal of Biological Chemistry, 2001, 276, 16641-16648.	1.6	18
325	Vibrio fischeri Genes hvnA and hvnB Encode Secreted NAD + -Glycohydrolases. Journal of Bacteriology, 2001, 183, 309-317.	1.0	104
326	Construction and Environmental Release of a Sinorhizobium meliloti Strain Genetically Modified To Be More Competitive for Alfalfa Nodulation. Applied and Environmental Microbiology, 2001, 67, 3860-3865.	1.4	65

#	Article	IF	Citations
327	Exchange of Xcp (Gsp) Secretion Machineries between Pseudomonas aeruginosa and Pseudomonas alcaligenes : Species Specificity Unrelated to Substrate Recognition. Journal of Bacteriology, 2001, 183, 959-967.	1.0	30
328	Maturation of Pseudomonas aeruginosa Elastase. Journal of Biological Chemistry, 2001, 276, 26030-26035.	1.6	50
329	Alginate Overproduction Affects Pseudomonas aeruginosa Biofilm Structure and Function. Journal of Bacteriology, 2001, 183, 5395-5401.	1.0	584
330	Role of the crc Gene in Catabolic Repression of the Pseudomonas putida GPo1 Alkane Degradation Pathway. Journal of Bacteriology, 2001, 183, 6197-6206.	1.0	86
331	Role of Flagella in Host Cell Invasion by Burkholderia cepacia. Infection and Immunity, 2002, 70, 1799-1806.	1.0	101
332	Characterization of a Novel Intracellularly Activated Gene from Salmonella enterica Serovar Typhi. Infection and Immunity, 2002, 70, 5404-5411.	1.0	10
333	Chloromethane-Induced Genes Define a Third C 1 Utilization Pathway in Methylobacterium chloromethanicum CM4. Journal of Bacteriology, 2002, 184, 3476-3484.	1.0	64
334	Different Spectra of Stationary-Phase Mutations in Early-Arising versus Late-Arising Mutants of Pseudomonas putida : Involvement of the DNA Repair Enzyme MutY and the Stationary-Phase Sigma Factor RpoS. Journal of Bacteriology, 2002, 184, 6957-6965.	1.0	47
335	Identification of Quinoide Redox Mediators That Are Formed during the Degradation of Naphthalene-2-Sulfonate by Sphingomonas xenophaga BN6. Applied and Environmental Microbiology, 2002, 68, 4341-4349.	1.4	71
336	Cluster II che Genes from Pseudomonas aeruginosa Are Required for an Optimal Chemotactic Response. Journal of Bacteriology, 2002, 184, 4374-4383.	1.0	111
337	Herpes Simplex Virus Type 1/Adeno-Associated Virus Hybrid Vectors Mediate Site-Specific Integration at the Adeno-Associated Virus Preintegration Site, AAVS1, on Human Chromosome 19. Journal of Virology, 2002, 76, 7163-7173.	1.5	73
338	Genetic and Phenotypic Analysis of Acinetobacter baumannii Insertion Derivatives Generated with a Transposome System. Applied and Environmental Microbiology, 2002, 68, 6353-6360.	1.4	91
339	Identification and Characterization of an N -Acylhomoserine Lactone-Dependent Quorum-Sensing System in Pseudomonas putida Strain IsoF. Applied and Environmental Microbiology, 2002, 68, 6371-6382.	1.4	131
340	Intimin, Tir, and Shiga Toxin 1 Do Not Influence Enteropathogenic Responses to Shiga Toxin-Producing Escherichia coli in Bovine Ligated Intestinal Loops. Infection and Immunity, 2002, 70, 945-952.	1.0	28
341	Inactivation of Cytochrome o Ubiquinol Oxidase Relieves Catabolic Repression of the Pseudomonas putida GPo1 Alkane Degradation Pathway. Journal of Bacteriology, 2002, 184, 3785-3793.	1.0	74
342	Molecular Analysis of the Contribution of the Capsular Polysaccharide and the Lipopolysaccharide O Side Chain to the Virulence of Klebsiella pneumoniae in a Murine Model of Pneumonia. Infection and Immunity, 2002, 70, 2583-2590.	1.0	263
343	Functional screening of bacterial genome for virulence genes by transposon footprinting. Methods in Enzymology, 2002, 358, 141-152.	0.4	6
344	LuxS-dependent quorum sensing in Porphyromonas gingivalis modulates protease and haemagglutinin activities but is not essential for virulence. Microbiology (United Kingdom), 2002, 148, 763-772.	0.7	140

#	Article	IF	Citations
345	Intracellular cyclic AMP concentration is decreased in Salmonella typhimurium fur mutants The GenBank accession number for the sequence reported in this paper is AF268282.. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	48
346	Identification and Characterization of a Putative Transcriptional Regulator Controlling the Expression of Fouling Inhibitors in Pseudoalteromonas tunicata. Applied and Environmental Microbiology, 2002, 68, 372-378.	1.4	55
347	Inhibition of quorum sensing in Pseudomonas aeruginosa biofilm bacteria by a halogenated furanone compound. Microbiology (United Kingdom), 2002, 148, 87-102.	0.7	919
348	A Third Transposable Element, IS Ppu12 , from the Toluene-Xylene Catabolic Plasmid pWW0 of Pseudomonas putida mt-2. Journal of Bacteriology, 2002, 184, 6572-6580.	1.0	33
349	Improvement of Recombinant Protein Yield by a Combination of Transcriptional Amplification and Stabilization of Gene Expression. Applied and Environmental Microbiology, 2002, 68, 5034-5041.	1.4	24
350	Evidence for Temporal Regulation of the Two Pseudomonas cellulosa Xylanases Belonging to Glycoside Hydrolase Family 11. Journal of Bacteriology, 2002, 184, 4124-4133.	1.0	35
351	Role for Phosphoglucomutase in Vibrio fischeri-Euprymna scolopes Symbiosis. Journal of Bacteriology, 2002, 184, 5121-5129.	1.0	40
352	Adjuvant Activity of Emulsan, a Secreted Lipopolysaccharide from Acinetobacter calcoaceticus. Vaccine Journal, 2002, 9, 1240-1247.	3.2	12
353	Role of the htrA Gene in Klebsiella pneumoniae Virulence. Infection and Immunity, 2002, 70, 4772-4776.	1.0	84
354	Reactivity of Toluate Dioxygenase with Substituted Benzoates and Dioxygen. Journal of Bacteriology, 2002, 184, 4096-4103.	1.0	15
355	Cloning of a Cation Efflux Pump Gene Associated with Chlorhexidine Resistance in Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2002, 46, 2024-2028.	1.4	61
356	The Mobility of Genetic Material. , 2002, , 401-417.		1
358	Functional Analysis of Alkane Hydroxylases from Gram-Negative and Gram-Positive Bacteria. Journal of Bacteriology, 2002, 184, 1733-1742.	1.0	230
359	Construction of a trivalent candidate vaccine against Shigella species with DNA recombination. Science in China Series C: Life Sciences, 2002, 45, 10.	1.3	9
360	Use of potassium tellurite for testing the survival and viability of Pseudomonas pseudoalcaligenes KF707 in soil microcosms contaminated with polychlorinated biphenyls. Research in Microbiology, 2002, 153, 353-360.	1.0	17
361	Identification and characterization of the AgmR regulator of Pseudomonas putida : role in alcohol utilization. Applied Microbiology and Biotechnology, 2002, 58, 469-475.	1.7	14
362	The cloning and characterization of a second alpha-amylase of A. hydrophila JMP636. Journal of Applied Microbiology, 2002, 92, 289-296.	1.4	7
363	The identification of the transcriptional regulator CRP in Aeromonas hydrophila JMP636 and its involvement in amylase production and the 'acidic toxicity' effect. Journal of Applied Microbiology, 2002, 93, 787-793.	1.4	5

#	Article	IF	Citations
364	A hierarchical quorum-sensing system in Yersinia pseudotuberculosis is involved in the regulation of motility and clumping. Molecular Microbiology, 2002, 33, 1267-1277.	1.2	164
365	Lateral flagella of Aeromonas species are essential for epithelial cell adherence and biofilm formation. Molecular Microbiology, 2002, 43, 383-397.	1.2	131
366	The LuxR family protein SpnR functions as a negative regulator of N-acylhomoserine lactone-dependent quorum sensing in Serratia marcescens. Molecular Microbiology, 2002, 45, 1655-1671.	1.2	155
367	The LysR-type regulator SftR is involved in soil survival and sulphate ester metabolism in Pseudomonas putida. Environmental Microbiology, 2002, 4, 225-237.	1.8	37
368	Correlation between pigmentation and antifouling compounds produced by Pseudoalteromonas tunicata. Environmental Microbiology, 2002, 4, 433-442.	1.8	116
369	Pseudomonas putida: a cosmopolitan opportunist par excellence. Environmental Microbiology, 2002, 4, 779-781.	1.8	278
370	Genome-wide internal tagging of bacterial exported proteins. Nature Biotechnology, 2002, 20, 839-842.	9.4	38
371	APPLICATION OF A TRANSPOSON FOOTPRINTING TECHNIQUE FOR RAPID IDENTIFICATION OF SALMONELLA TYPHIMURIUM TN5 MUTANTS REQUIRED FOR SURVIVAL UNDER DESICCATION STRESS CONDITIONS. Journal of Rapid Methods and Automation in Microbiology, 2002, 10, 197-206.	0.4	2
372	A SUICIDE VECTOR FOR CONSTRUCTING A LYSA INSERTION MUTATION IN ESCHERICHIA COLI. Journal of Rapid Methods and Automation in Microbiology, 2002, 10, 281-290.	0.4	2
373	The transfer dynamics of Pseudomonas sp. plasmid pQBR11 in biofilms. FEMS Microbiology Ecology, 2002, 42, 243-250.	1.3	31
374	In situ detection of horizontal transfer of mobile genetic elements. FEMS Microbiology Ecology, 2002, 42, 261-268.	1.3	69
375	Impact of 4-chlorophenol contamination and/or inoculation with the 4-chlorophenol-degrading strain, Arthrobacter chlorophenolicus A6L, on soil bacterial community structure. FEMS Microbiology Ecology, 2002, 42, 387-397.	1.3	35
376	Construction of Mini-Tn4001tet and Its Use in Mycoplasma gallisepticum. Plasmid, 2002, 47, 129-137.	0.4	24
377	Title is missing!. Water, Air and Soil Pollution, 2003, 3, 35-46.	0.8	1
378	Design of catabolic cassettes for styrene biodegradation. Antonie Van Leeuwenhoek, 2003, 84, 17-24.	0.7	15
379	Functional characterization of genes involved in alkane oxidation by Pseudomonas aeruginosa. Antonie Van Leeuwenhoek, 2003, 84, 193-200.	0.7	79
380	Direct Detection and Quantification of Horizontal Gene Transfer by Using Flow Cytometry and gfp as a Reporter Gene. Current Microbiology, 2003, 47, 129-133.	1.0	52
381	A ?-endotoxin encoded in Pseudomonas fluorescens displays a high degree of insecticidal activity. Applied Microbiology and Biotechnology, 2003, 63, 300-306.	1.7	15

#	Article	IF	Citations
382	A Soluble Flavoprotein Contributes to Chromate Reduction and Tolerance byPseudomonas putida. Acta Biotechnologica, 2003, 23, 233-239.	1.0	46
383	Persistence, population dynamics and competitiveness for nodulation of marker gene-tagged Rhizobium galegae strains in field lysimeters in the boreal climatic zone. FEMS Microbiology Ecology, 2003, 46, 91-104.	1.3	12
384	Identification of genes involved in the switch between the smooth and rugose phenotypes ofVibrio cholerae. FEMS Microbiology Letters, 2003, 227, 113-119.	0.7	89
385	The Vibrio fischeri quorum-sensing systems ain and lux sequentially induce luminescence gene expression and are important for persistence in the squid host. Molecular Microbiology, 2003, 50, 319-331.	1.2	182
386	Accessory proteins functioning selectively and pleiotropically in the biosynthesis of [NiFe] hydrogenases inThiocapsa roseopersicina. FEBS Journal, 2003, 270, 2218-2227.	0.2	37
387	A hexA homologue from Photorhabdus regulates pathogenicity, symbiosis and phenotypic variation. Molecular Microbiology, 2003, 47, 1445-1457.	1.2	100
388	Biofilm formation by Pseudomonas aeruginosa wild type, flagella and type IV pili mutants. Molecular Microbiology, 2003, 48, 1511-1524.	1.2	880
389	Regulation of Vibrio vulnificus virulence by the LuxS quorum-sensing system. Molecular Microbiology, 2003, 48, 1647-1664.	1.2	214
390	Characterization of two alternative promoters for integrase expression in the clc genomic island of Pseudomonas sp. strain B13. Molecular Microbiology, 2003, 49, 93-104.	1.2	50
391	In vivo functional genomics of Pseudomonas aeruginosa for high-throughput screening of new virulence factors and antibacterial targets. Environmental Microbiology, 2003, 5, 1294-1308.	1.8	171
392	Killing of Caenorhabditis elegans by Burkholderia cepacia is controlled by the cep quorum-sensing system. Cellular Microbiology, 2003, 5, 343-351.	1.1	123
393	GENETIC SCREENING FOR IDENTIFICATION OF SALMONELLA TYPHIMURIUM TN5 MUTANTS WITH POTENTIAL HYPERSENSITIVITY TO SHORT-CHAIN FATTY ACIDS. Journal of Rapid Methods and Automation in Microbiology, 2003, 11, 89-95.	0.4	0
394	Application of a novel multi-screening signature-tagged mutagenesis assay for identification of Klebsiella pneumoniae genes essential in colonization and infection. Microbiology (United Kingdom), 2003, 149, 167-176.	0.7	80
395	Construction of a bacterial biosensor for styrene. Journal of Biotechnology, 2003, 102, 301-306.	1.9	25
396	Identification of type II and type III pyoverdine receptors from Pseudomonas aeruginosa. Microbiology (United Kingdom), 2003, 149, 821-831.	0.7	90
397	Cell Death in Pseudomonas aeruginosa Biofilm Development. Journal of Bacteriology, 2003, 185, 4585-4592.	1.0	526
398	Characterization and Pathogenic Significance of Vibrio vulnificus Antigens Preferentially Expressed in Septicemic Patients. Infection and Immunity, 2003, 71, 5461-5471.	1.0	259
399	Sequence Analysis of the Genome of the Temperate Yersinia enterocolitica Phage PY54. Journal of Molecular Biology, 2003, 331, 605-622.	2.0	66

#	Article	IF	Citations
400	The Bacterial Cytoskeleton. Cell, 2003, 115, 705-713.	13.5	321
401	Genetic characterization of the styrene lower catabolic pathway of Pseudomonas sp. strain Y2. Gene, 2003, 319, 71-83.	1.0	28
403	Genes involved in the copper-dependent regulation of soluble methane monooxygenase of Methylococcus capsulatus (Bath): cloning, sequencing and mutational analysis. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	89
404	Unusual Integrase Gene Expression on the clc Genomic Island in Pseudomonas sp. Strain B13. Journal of Bacteriology, 2003, 185, 4530-4538.	1.0	65
405	Molecular determinants of the hpa regulatory system of Escherichia coli: the HpaR repressor. Nucleic Acids Research, 2003, 31, 6598-6609.	6.5	62
406	Characterization of Extradiol Dioxygenases from a Polychlorinated Biphenyl-Degrading Strain That Possess Higher Specificities for Chlorinated Metabolites. Journal of Bacteriology, 2003, 185, 1253-1260.	1.0	40
407	Regulation of Dinucleoside Polyphosphate Pools by the YgdP and ApaH Hydrolases Is Essential for the Ability of Salmonella enterica serovar Typhimurium to Invade Cultured Mammalian Cells. Journal of Biological Chemistry, 2003, 278, 32602-32607.	1.6	70
408	Identification of Actinobacillus pleuropneumoniae Genes Important for Survival during Infection in Its Natural Host. Infection and Immunity, 2003, 71, 3960-3970.	1.0	89
409	GacA Regulates Symbiotic Colonization Traits of Vibrio fischeri and Facilitates a Beneficial Association withan AnimalHost. Journal of Bacteriology, 2003, 185, 7202-7212.	1.0	44
410	Repeated Introduction of Genetically Modified Pseudomonas putida WCS358r without Intensified Effects on the Indigenous Microflora of Field-Grown Wheat. Applied and Environmental Microbiology, 2003, 69, 3110-3118.	1.4	55
411	Development and Application of a dapB -Based In Vivo Expression Technology System To Study Colonization of Rice by the Endophytic Nitrogen-Fixing Bacterium Pseudomonas stutzeri A15. Applied and Environmental Microbiology, 2003, 69, 6864-6874.	1.4	92
412	Modulation of pPS10 Host Range by Plasmid-Encoded RepA Initiator Protein. Journal of Bacteriology, 2003, 185, 1367-1375.	1.0	37
413	Efficient Turnover of Chlorocatechols Is Essential for Growth of Ralstonia eutropha JMP134(pJP4) in 3-Chlorobenzoic Acid. Journal of Bacteriology, 2003, 185, 1534-1542.	1.0	49
414	Quorum-sensing-directed protein expression in Serratia proteamaculans B5a. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	143
415	Contribution of pilA to Competitive Colonization of the Squid Euprymna scolopes by Vibrio fischeri. Applied and Environmental Microbiology, 2003, 69, 820-826.	1.4	55
416	Population Dynamics of Vibrio fischeri during Infection of Euprymna scolopes. Applied and Environmental Microbiology, 2003, 69, 5928-5934.	1.4	104
417	Genetic Engineering of a Highly Solvent-Tolerant Pseudomonas putida Strain for Biotransformation of Toluene to p- Hydroxybenzoate. Applied and Environmental Microbiology, 2003, 69, 5120-5127.	1.4	49
418	Role of the Stationary Growth Phase Sigma Factor RpoS of Burkholderia pseudomallei in Response to Physiological Stress Conditions. Journal of Bacteriology, 2003, 185, 7008-7014.	1.0	40

#	Article	IF	Citations
419	A cryptic plasmid of Yersinia enterocolitica encodes a conjugative transfer system related to the regions of CloDF13 Mob and IncX Pil. Microbiology (United Kingdom), 2003, 149, 2829-2845.	0.7	22
420	Genes Involved in the Biosynthesis of Photosynthetic Pigments in the Purple Sulfur Photosynthetic Bacterium Thiocapsa roseopersicina. Applied and Environmental Microbiology, 2003, 69, 3093-3102.	1.4	39
421	Plasmid Transfer from Pseudomonas putida to the Indigenous Bacteria on Alfalfa Sprouts: Characterization, Direct Quantification, and In Situ Location of Transconjugant Cells. Applied and Environmental Microbiology, 2003, 69, 5536-5542.	1.4	70
422	Isolation ofSalmonella typhimuriumTn5Mutants Defective for Survival on Egg Shell Surface Using Transposon Footprinting. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2003, 38, 103-109.	0.7	2
423	FlrA, a Ïƒ 54 -Dependent Transcriptional Activator in Vibrio fischeri, Is Required for Motility and Symbiotic Light-Organ Colonization. Journal of Bacteriology, 2003, 185, 3547-3557.	1.0	75
424	Applications of the Saccharomyces cerevisiae Flp-FRT System in Bacterial Genetics. Journal of Molecular Microbiology and Biotechnology, 2003, 5, 67-77.	1.0	74
425	Uptake of N , N â€²-Diacetylchitobiose [(GlcNAc) 2] via the Phosphotransferase System Is Essential for Chitinase Production by Serratia marcescens 2170. Journal of Bacteriology, 2003, 185, 1776-1782.	1.0	45
426	A Novel Bifunctional Wax Ester Synthase/Acyl-CoA:Diacylglycerol Acyltransferase Mediates Wax Ester and Triacylglycerol Biosynthesis inAcinetobacter calcoaceticus ADP1. Journal of Biological Chemistry, 2003, 278, 8075-8082.	1.6	341
427	Site-specific recombination by the DDE family member mobile element IS30 transposase. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15000-15005.	3.3	15
428	Peh Production, Flagellum Synthesis, and Virulence Reduced in Erwinia carotovora subsp. carotovora by Mutation in a Homologue of cytR. Molecular Plant-Microbe Interactions, 2003, 16, 389-397.	1.4	37
429	Three Genes Encoding for Putative Methyl- and Acetyltransferases Map Adjacent to the wzm and wzt Genes and Are Essential for O-Antigen Biosynthesis in Rhizobium etli CE3. Molecular Plant-Microbe Interactions, 2003, 16, 1085-1093.	1.4	14
430	Engineering of Bacteria Using the Vitreoscilla Hemoglobin Gene to Enhance Bioremediation of Aromatic Compounds. , 2004, , 379-388.		0
431	Identification of Novel Pathogenicity Genes by PCR Signature-Tagged Mutagenesis and Related Technologies. , 2004, 266, 289-304.		9
432	PspG, a New Member of the Yersinia enterocolitica Phage Shock Protein Regulon. Journal of Bacteriology, 2004, 186, 4910-4920.	1.0	42
433	A Novel Virulence Gene in Klebsiella pneumoniae Strains Causing Primary Liver Abscess and Septic Metastatic Complications. Journal of Experimental Medicine, 2004, 199, 697-705.	4.2	609
434	Cell Density-Dependent Gene Contributes to Efficient Seed Colonization by Pseudomonas putida KT2440. Applied and Environmental Microbiology, 2004, 70, 5190-5198.	1.4	65
435	Regulatory Role of Rhizobium etli CNPAF512 fnrN during Symbiosis. Applied and Environmental Microbiology, 2004, 70, 1287-1296.	1.4	16
436	FpvB, an alternative type I ferripyoverdine receptor of Pseudomonas aeruginosa. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	164

#	Article	IF	Citations
437	Intact Purine Biosynthesis Pathways Are Required for Wild-Type Virulence of Brucella abortus 2308 in the BALB/c Mouse Model. Infection and Immunity, 2004, 72, 4911-4917.	1.0	62
438	Detection and Characterization of Conjugative Degradative Plasmids in Xenobiotic-Degrading Sphingomonas Strains. Journal of Bacteriology, 2004, 186, 3862-3872.	1.0	114
439	Presence of Acylated Homoserine Lactones (AHLs) and AHL-Producing Bacteria in Meat and Potential Role of AHL in Spoilage of Meat. Applied and Environmental Microbiology, 2004, 70, 4293-4302.	1.4	121
440	Novel Physiological Modulation of the Pu Promoter of TOL Plasmid. Journal of Biological Chemistry, 2004, 279, 7777-7784.	1.6	46
441	TouR-Mediated Effector-Independent Growth Phase-Dependent Activation of the Ïƒ54 Ptou Promoter of Pseudomonas stutzeri OX1. Journal of Bacteriology, 2004, 186, 7353-7363.	1.0	13
442	Dynamics and Spatial Distribution of Î²-Lactamase Expression in Pseudomonas aeruginosa Biofilms. Antimicrobial Agents and Chemotherapy, 2004, 48, 1168-1174.	1.4	165
443	Cyanobacterial-Type, Heteropentameric, NAD + -Reducing NiFe Hydrogenase in the Purple Sulfur Photosynthetic Bacterium Thiocapsa roseopersicina. Applied and Environmental Microbiology, 2004, 70, 722-728.	1.4	68
444	Strategy for Cloning Large Gene Assemblages as Illustrated Using the Phenylacetate and Polyhydroxyalkanoate Gene Clusters. Applied and Environmental Microbiology, 2004, 70, 5019-5025.	1.4	13
445	Isolation of a Chromosomal Region of Klebsiella pneumoniae Associated with Allantoin Metabolism and Liver Infection. Infection and Immunity, 2004, 72, 3783-3792.	1.0	148
446	The davDT Operon of Pseudomonas putida, Involved in Lysine Catabolism, Is Induced in Response to the Pathway Intermediate Î´-Aminovaleric Acid. Journal of Bacteriology, 2004, 186, 3439-3446.	1.0	40
447	Regulation of the Ysa Type III Secretion System of Yersinia enterocolitica by YsaE/SycB and YsrS/YsrR. Journal of Bacteriology, 2004, 186, 4056-4066.	1.0	66
448	Isolation and Characterization of Burkholderia cenocepacia Mutants Deficient in Pyochelin Production: Pyochelin Biosynthesis Is Sensitive to Sulfur Availability. Journal of Bacteriology, 2004, 186, 270-277.	1.0	35
449	Involvement of Error-Prone DNA Polymerase IV in Stationary-Phase Mutagenesis in Pseudomonas putida. Journal of Bacteriology, 2004, 186, 2735-2744.	1.0	62
450	luxS mutants of Serratia defective in autoinducer-2-dependent â€˜quorum sensingâ€™ show strain-dependent impacts on virulence and production of carbapenem and prodigiosin. Microbiology (United Kingdom), 2004, 150, 1901-1910.	0.7	91
451	Modular Broad-Host-Range Expression Vectors for Single-Protein and Protein Complex Purification. Applied and Environmental Microbiology, 2004, 70, 712-721.	1.4	34
452	Identification of Inducers of the Yersinia enterocolitica Phage Shock Protein System and Comparison to the Regulation of the RpoE and Cpx Extracytoplasmic Stress Responses. Journal of Bacteriology, 2004, 186, 4199-4208.	1.0	72
453	Chloromethane-Dependent Expression of the cmu Gene Cluster of Hyphomicrobium chloromethanicum. Applied and Environmental Microbiology, 2004, 70, 4177-4186.	1.4	10
454	Identification of an extracellular matrix protein adhesin, EmaA, which mediates the adhesion of Actinobacillus actinomycetemcomitans to collagen. Microbiology (United Kingdom), 2004, 150, 2677-2688.	0.7	73

#	Article	IF	Citations
455	Two tonB Systems Function in Iron Transport in Vibrio anguillarum , but Only One Is Essential for Virulence. Infection and Immunity, 2004, 72, 7326-7329.	1.0	62
456	Involvement of a Plasmid-Encoded Type IV Secretion System in the Plant Tissue Watersoaking Phenotype of Burkholderia cenocepacia. Journal of Bacteriology, 2004, 186, 6015-6024.	1.0	57
457	Quorum Sensing-Controlled Biofilm Development in Serratia liquefaciens MG1. Journal of Bacteriology, 2004, 186, 692-698.	1.0	213
458	Plasmolysis induced by toluene in a cyoB mutant of Pseudomonas putida. Environmental Microbiology, 2004, 6, 1021-1031.	1.8	18
459	Design of new promoters and of a dual-bioreporter based on cross-activation by the two regulatory proteins XylR and HbpR. Environmental Microbiology, 2004, 6, 1186-1196.	1.8	17
460	IHF is the limiting host factor in transposition of Pseudomonas putida transposon Tn4652 in stationary phase. Molecular Microbiology, 2004, 51, 1773-1785.	1.2	21
461	Cell envelope components contributing to biofilm growth and survival of Pseudomonas putida in low-water-content habitats. Molecular Microbiology, 2004, 52, 735-750.	1.2	92
462	The ColR-ColS two-component signal transduction system is involved in regulation of Tn4652 transposition in Pseudomonas putida under starvation conditions. Molecular Microbiology, 2004, 54, 795-807.	1.2	50
463	Transcriptional regulation of pWW0 transfer genes in Pseudomonas putida KT2440. Plasmid, 2004, 52, 169-181.	0.4	12
464	Endophytic colonization ability of two deep-water rice endophytes, Pantoea sp. and Ochrobactrum sp. using green fluorescent protein reporter. Biotechnology Letters, 2004, 26, 425-429.	1.1	91
465	A novel continuous toxicity test system using a luminously modified freshwater bacterium. Biosensors and Bioelectronics, 2004, 20, 338-344.	5.3	61
466	Improving Dioxygenase Stability by Gene Chromosome Insertion: Implementation in Immobilized-Cell Systems. Current Microbiology, 2004, 49, 390-395.	1.0	3
467	Expression of Green Fluorescent Protein in Xylella fastidiosa Is Affected by Passage Through Host Plants. Current Microbiology, 2004, 49, 215-20.	1.0	1
468	Interaction between uranium and the cytochrome c 3 of Desulfovibrio desulfuricans strain G20. Archives of Microbiology, 2004, 181, 398-406.	1.0	44
469	Insertion of anE. coli lacZgene inAcetobacter xylinusfor the production of cellulose in whey. FEMS Microbiology Letters, 2004, 231, 253-260.	0.7	42
470	A proteomic approach to studySalmonella typhi periplasmic proteins altered by a lack of the DsbA thiol: Disulfide isomerase. Proteomics, 2004, 4, 355-363.	1.3	28
471	Serratia marcescens internalization and replication in human bladder epithelial cells. BMC Infectious Diseases, 2004, 4, 16.	1.3	51
472	Colonisation of poplar trees by gfp expressing bacterial endophytes. FEMS Microbiology Ecology, 2004, 48, 109-118.	1.3	210

#	Article	IF	Citations
473	Combined use of different Gfp reporters for monitoring single-cell activities of a genetically modified PCB degrader in the rhizosphere of alfalfa. FEMS Microbiology Ecology, 2004, 48, 139-148.	1.3	61
474	In Vivo Immobilization of Fusion Proteins on Bioplastics by the Novel Tag BioF. Applied and Environmental Microbiology, 2004, 70, 3205-3212.	1.4	88
475	Genomics, Proteomics, and Clinical Bacteriology. , 2004, , .		4
476	Measurement of Biologically Available Naphthalene in Gas and Aqueous Phases by Use of a Pseudomonas putida Biosensor. Applied and Environmental Microbiology, 2004, 70, 43-51.	1.4	80
477	New Approaches for Bioaugmentation as a Remediation Technology. Critical Reviews in Environmental Science and Technology, 2004, 34, 447-494.	6.6	257
479	Alginate production affects Pseudomonas aeruginosa biofilm development and architecture, but is not essential for biofilm formation. Journal of Medical Microbiology, 2004, 53, 679-690.	0.7	154
480	The Homogentisate Pathway: a Central Catabolic Pathway Involved in the Degradation of l-Phenylalanine, l-Tyrosine, and 3-Hydroxyphenylacetate in Pseudomonas putida. Journal of Bacteriology, 2004, 186, 5062-5077.	1.0	225
481	Characterization of a second functional gene cluster for the catabolism of phenylacetic acid in Pseudomonas sp. strain Y2. Gene, 2004, 341, 167-179.	1.0	37
482	A new family of conditional replicating plasmids and their cognate Escherichia coli host strains. Research in Microbiology, 2004, 155, 455-461.	1.0	19
483	Scanning the Escherichia coli chromosome by random transposon mutagenesis and multiple phenotypic screening. Research in Microbiology, 2004, 155, 692-701.	1.0	30
484	N-terminal-capturing screening system for the isolation of Brucella abortus genes encoding surface exposed and secreted proteins. Microbial Pathogenesis, 2004, 37, 95-105.	1.3	17
485	Phenotypic Variation of Pseudomonas brassicacearum as a Plant Root-Colonization Strategy. Molecular Plant-Microbe Interactions, 2004, 17, 872-879.	1.4	91
486	Mutagenesis of Î²-1,3-Glucanase Genes in Lysobacter enzymogenes Strain C3 Results in Reduced Biological Control Activity Toward Bipolaris Leaf Spot of Tall Fescue and Pythium Damping-Off of Sugar Beet. Phytopathology, 2005, 95, 701-707.	1.1	106
487	A genetically engineered strain ofPseudomonas putidaas a useful tool for identifying new therapeutic herbicides. FEMS Microbiology Letters, 2005, 249, 297-302.	0.7	0
488	A soil-based microbial biofilm exposed to 2,4-D: bacterial community development and establishment of conjugative plasmid pJP4. FEMS Microbiology Ecology, 2005, 54, 317-327.	1.3	26
489	Characterization of starvation-induced dispersion in Pseudomonas putida biofilms. Environmental Microbiology, 2005, 7, 894-904.	1.8	233
490	Ascomycete communities in the rhizosphere of field-grown wheat are not affected by introductions of genetically modified Pseudomonas putida WCS358r. Environmental Microbiology, 2005, 7, 1775-1785.	1.8	23
491	Caspase-1 dependent macrophage death induced by Burkholderia pseudomallei. Cellular Microbiology, 2005, 7, 1447-1458.	1.1	122

#	Article	IF	Citations
492	Molecular characterization of the safracin biosynthetic pathway from Pseudomonas fluorescens A2-2: designing new cytotoxic compounds. Molecular Microbiology, 2005, 56, 144-154.	1.2	99
493	TheexbDgene ofPhotorhabdus temperatais required for full virulence in insects and symbiosis with the nematodeHeterorhabditis. Molecular Microbiology, 2005, 56, 763-773.	1.2	50
494	Biosynthesis of the red antibiotic, prodigiosin, in Serratia: identification of a novel 2-methyl-3-n-amyl-pyrrole (MAP) assembly pathway, definition of the terminal condensing enzyme, and implications for undecylprodigiosin biosynthesis in Streptomyces. Molecular Microbiology, 2005, 56, 971-989.	1.2	197
495	Positioning and the specific sequence of each 13-mer motif are critical for activity of the plasmid RK2 replication origin. Molecular Microbiology, 2005, 57, 1439-1449.	1.2	15
496	A novel, conserved cluster of genes promotes symbiotic colonization and Ïƒ54-dependent biofilm formation byVibrio fischeri. Molecular Microbiology, 2005, 57, 1485-1498.	1.2	128
497	Regulation of methane oxidation in the facultative methanotrophMethylocella silvestrisBL2. Molecular Microbiology, 2005, 58, 682-692.	1.2	126
498	A glutamate-alanine-leucine (EAL) domain protein of Salmonella controls bacterial survival in mice, antioxidant defence and killing of macrophages: role of cyclic diGMP. Molecular Microbiology, 2005, 56, 1234-1245.	1.2	135
499	Determination of the metal ion dependence and substrate specificity of a hydratase involved in the degradation pathway of biphenyl/chlorobiphenyl. FEBS Journal, 2005, 272, 966-974.	2.2	12
500	Hydrogen independent expression of hupSL genes in Thiocapsa roseopersicina BBS. FEBS Journal, 2005, 272, 4807-4816.	2.2	18
501	Characterization of pES213, a small mobilizable plasmid from Vibrio fischeri. Plasmid, 2005, 54, 114-134.	0.4	78
502	Development of a genetic manipulation system for Haemophilus parasuis. Veterinary Microbiology, 2005, 105, 223-228.	0.8	41
503	Suicidal genetically engineered microorganisms for bioremediation: Need and perspectives. BioEssays, 2005, 27, 563-573.	1.2	64
504	Production of 3-hydroxy-n-phenylalkanoic acids by a genetically engineered strain of Pseudomonas putida. Applied Microbiology and Biotechnology, 2005, 67, 97-105.	1.7	56
505	ThePseudomonas aeruginosaPA14 type III secretion system is expressed but not essential to virulence in theCaenorhabditis elegansÃ¢Â€Â“P. aeruginosapathogenicity model. FEMS Microbiology Letters, 2005, 242, 209-216.	0.7	22
506	Improvement of bioremediation by Pseudomonas and Burkholderia by mutants of the Vitreoscilla hemoglobin gene (vgb) integrated into their chromosomes. Journal of Industrial Microbiology and Biotechnology, 2005, 32, 148-154.	1.4	17
507	Improving biocontrol activity ofPseudomonas fluorescens through chromosomal integration of 2,4-diacetylphloroglucinol biosynthesis genes. Science Bulletin, 2005, 50, 775-781.	1.7	11
508	Development of bioassay for pathogenecity testing of Ureaplasma urealyticum as part of host-pathogen communication. Medical Journal of Indonesia, 0, 14, 204.	0.2	0
509	Improving biocontrol activity of Pseudomonas fluorescens through chromosomal inte-gration of 2,4-diacetylphloro- glucinol biosynthesis genes. Science Bulletin, 2005, 50, 775.	1.7	4

#	Article	IF	Citations
510	The native Pseudomonas stutzeri strain Q chromosomal integron can capture and express cassette-associated genes. Microbiology (United Kingdom), 2005, 151, 1853-1864.	0.7	19
511	Directed Evolution of a Ring-cleaving Dioxygenase for Polychlorinated Biphenyl Degradation. Journal of Biological Chemistry, 2005, 280, 42307-42314.	1.6	21
512	Adaptation of the Yeast URA3 Selection System to Gram-Negative Bacteria and Generation of a Î" betCDE Pseudomonas putida Strain. Applied and Environmental Microbiology, 2005, 71, 883-892.	1.4	68
513	Plasmid Donor Affects Host Range of Promiscuous IncP-1Î² Plasmid pB10 in an Activated-Sludge Microbial Community. Applied and Environmental Microbiology, 2005, 71, 5309-5317.	1.4	103
514	Expression of Arg-Gingipain RgpB Is Required for Correct Glycosylation and Stability of Monomeric Arg-Gingipain RgpA from Porphyromonas gingivalis W50. Infection and Immunity, 2005, 73, 4864-4878.	1.0	20
515	An FNR-Type Regulator Controls the Anaerobic Expression of Hyn Hydrogenase in Thiocapsa roseopersicina. Journal of Bacteriology, 2005, 187, 2618-2627.	1.0	13
516	A clp Gene Homologue Belonging to the Crp Gene Family Globally Regulates Lytic Enzyme Production, Antimicrobial Activity, and Biological Control Activity Expressed by Lysobacter enzymogenes Strain C3. Applied and Environmental Microbiology, 2005, 71, 261-269.	1.4	95
517	m -Xylene-Responsive Pu - PnifH Hybrid Ïƒ 54 Promoters That Overcome Physiological Control in Pseudomonas putida KT2442. Journal of Bacteriology, 2005, 187, 125-134.	1.0	14
518	Multiple and Interconnected Pathways for l -Lysine Catabolism in Pseudomonas putida KT2440. Journal of Bacteriology, 2005, 187, 7500-7510.	1.0	122
519	Nonbioluminescent Strains of Photobacterium phosphoreum Produce the Cell-to-Cell Communication Signal N -(3-Hydroxyoctanoyl)homoserine Lactone. Applied and Environmental Microbiology, 2005, 71, 2113-2120.	1.4	39
520	XcpX Controls Biogenesis of the Pseudomonas aeruginosa XcpT-containing Pseudopilus. Journal of Biological Chemistry, 2005, 280, 31378-31389.	1.6	72
521	BzdR, a Repressor That Controls the Anaerobic Catabolism of Benzoate in Azoarcus sp. CIB, Is the First Member of a New Subfamily of Transcriptional Regulators. Journal of Biological Chemistry, 2005, 280, 10683-10694.	1.6	77
522	Establishment of Tn 5096 -Based Transposon Mutagenesis in Gordonia polyisoprenivorans. Applied and Environmental Microbiology, 2005, 71, 5077-5084.	1.4	25
523	Overexpression of the Multidrug Efflux Pumps MexCD-OprJ and MexEF-OprN Is Associated with a Reduction of Type III Secretion in Pseudomonas aeruginosa. Journal of Bacteriology, 2005, 187, 1384-1391.	1.0	151
524	Vibrio fischeri Uses Two Quorum-Sensing Systems for the Regulation of Early and Late Colonization Factors. Journal of Bacteriology, 2005, 187, 3620-3629.	1.0	179
525	A DNA Polymerase V Homologue Encoded by TOL Plasmid pWW0 Confers Evolutionary Fitness on Pseudomonas putida under Conditions of Environmental Stress. Journal of Bacteriology, 2005, 187, 5203-5213.	1.0	41
526	Genomic Heterogeneity inKlebsiella pneumoniaeStrains Is Associated with Primary Pyogenic Liver Abscess and Metastatic Infection. Journal of Infectious Diseases, 2005, 192, 117-128.	1.9	164
527	Levels and Activity of the Pseudomonas putida Global Regulatory Protein Crc Vary According to Growth Conditions. Journal of Bacteriology, 2005, 187, 3678-3686.	1.0	54

#	Article	IF	Citations
528	A Two-component Hydroxylase Involved in the Assimilation of 3-Hydroxyphenyl Acetate in Pseudomonas putida. Journal of Biological Chemistry, 2005, 280, 26435-26447.	1.6	45
529	Analysis of the Behavior of eryC Mutants of Brucella suis Attenuated in Macrophages. Infection and Immunity, 2005, 73, 6782-6790.	1.0	28
530	Evolutionarily Divergent Extradiol Dioxygenases Possess Higher Specificities for Polychlorinated Biphenyl Metabolites. Journal of Bacteriology, 2005, 187, 415-421.	1.0	26
531	The pbgPE operon in Photorhabdus luminescens Is Required for Pathogenicity and Symbiosis. Journal of Bacteriology, 2005, 187, 77-84.	1.0	71
532	Identification of a New Quorum-Sensing-Controlled Virulence Factor in Erwinia carotovora subsp. atroseptica Secreted via the Type II Targeting Pathway. Molecular Plant-Microbe Interactions, 2005, 18, 334-342.	1.4	73
533	The gene stlA encodes a phenylalanine ammonia-lyase that is involved in the production of a stilbene antibiotic in Photorhabdus luminescens TT01. Microbiology (United Kingdom), 2005, 151, 2543-2550.	0.7	99
534	Screening for Quorum-Sensing Inhibitors (QSI) by Use of a Novel Genetic System, the QSI Selector. Journal of Bacteriology, 2005, 187, 1799-1814.	1.0	549
535	Molecular basis for the substrate selectivity of bicyclic and monocyclic extradiol dioxygenases. Biochemical and Biophysical Research Communications, 2005, 338, 215-222.	1.0	10
536	Physiological stress of intracellularShigella flexnerivisualized with a metabolic sensor fused to a surface-reporter system. FEBS Letters, 2005, 579, 813-818.	1.3	1
537	Motility is an important determinant for pathogenesis of Erwinia carotovora subsp. carotovora. Physiological and Molecular Plant Pathology, 2005, 66, 134-143.	1.3	54
538	A new family of mobilizable suicide plasmids based on broad host range R388 plasmid (IncW) and RP4 plasmid (IncPÌ±) conjugative machineries and their cognate Escherichia coli host strains. Research in Microbiology, 2005, 156, 245-255.	1.0	270
540	A GntR family transcriptional regulator (PigT) controls gluconate-mediated repression and defines a new, independent pathway for regulation of the tripyrrole antibiotic, prodigiosin, in Serratia. Microbiology (United Kingdom), 2005, 151, 3833-3845.	0.7	77
542	The Ornibactin Biosynthesis and Transport Genes of Burkholderia cenocepacia Are Regulated by an Extracytoplasmic Function Ïƒ Factor Which Is a Part of the Fur Regulon. Journal of Bacteriology, 2006, 188, 3631-3644.	1.0	84
543	Quantifying the Magnetic Advantage in Magnetotaxis. Biophysical Journal, 2006, 91, 1098-1107.	0.2	59
544	Use of Genetically Engineered Microorganisms (GEMs) for the Bioremediation of Contaminants. Critical Reviews in Biotechnology, 2006, 26, 145-164.	5.1	122
545	Diguanylate Cyclases Control Magnesium-Dependent Motility of Vibrio fischeri. Journal of Bacteriology, 2006, 188, 8196-8205.	1.0	47
546	Involvement of Cyclopropane Fatty Acids in the Response of Pseudomonas putida KT2440 to Freeze-Drying. Applied and Environmental Microbiology, 2006, 72, 472-477.	1.4	84
547	Regulatory roles of spnT, a novel gene located within transposon TnTIR. Biochemical and Biophysical Research Communications, 2006, 348, 1038-1046.	1.0	4

#	Article	IF	Citations
548	Involvement of DNA mismatch repair in stationary-phase mutagenesis during prolonged starvation of Pseudomonas putida. DNA Repair, 2006, 5, 505-514.	1.3	18
549	Suicide vectors for antibiotic marker exchange and rapid generation of multiple knockout mutants by allelic exchange in Gram-negative bacteria. Journal of Microbiological Methods, 2006, 67, 395-407.	0.7	25
551	Incorporation of a DNA Sequence Encoding Green Fluorescent Protein (GFP) into Endophytic Diazotroph from Sugarcane and Sweet Potato and the Colonizing Ability of these Bacteria in Brassica oleracea. Microbes and Environments, 2006, 21, 122-128.	0.7	15
552	A two-partner secretion system is involved in seed and root colonization and iron uptake by Pseudomonas putida KT2440. Environmental Microbiology, 2006, 8, 639-647.	1.8	62
553	OxyR regulated the expression of two major catalases, KatA and KatB, along with peroxiredoxin, AhpC in Pseudomonas putida. Environmental Microbiology, 2006, 8, 2115-2124.	1.8	62
554	High-efficiency transposon mutagenesis by electroporation of a Pseudomonas fluorescens strain. FEMS Microbiology Letters, 2006, 153, 363-369.	0.7	21
555	Importance of the galE gene on the virulence of Pasteurella multocida. FEMS Microbiology Letters, 2006, 154, 311-316.	0.7	15
556	Iron depletion affects nitrogenase activity and expression ofnifHandnifAgenes inHerbaspirillum seropedicae. FEMS Microbiology Letters, 2006, 258, 214-219.	0.7	16
557	Acetyl-CoA synthetase fromPseudomonas putidaU is the only acyl-CoA activating enzyme induced by acetate in this bacterium. FEMS Microbiology Letters, 2006, 260, 36-46.	0.7	13
558	Flow cytometric and microscopic analysis of GFP-tagged Pseudomonas fluorescens bacteria. FEMS Microbiology Ecology, 2006, 22, 17-28.	1.3	177
559	Low temperature-induced insecticidal activity ofYersinia enterocolitica. Molecular Microbiology, 2006, 59, 503-512.	1.2	59
560	Identification of the central quorum sensing regulator of virulence in the enteric phytopathogen, Erwinia carotovora: the VirR repressor. Molecular Microbiology, 2006, 59, 113-125.	1.2	105
561	Proteomic and functional analysis of the suite of Ysp proteins exported by the Ysa type III secretion system ofYersinia enterocoliticaBiovar 1B. Molecular Microbiology, 2006, 59, 689-706.	1.2	52
562	Cyclic-diGMP signal transduction systems in Vibrio cholerae: modulation of rugosity and biofilm formation. Molecular Microbiology, 2006, 60, 331-348.	1.2	179
563	The symbiosis regulator RscS controls the syp gene locus, biofilm formation and symbiotic aggregation by Vibrio fischeri. Molecular Microbiology, 2006, 62, 1586-1600.	1.2	127
564	Genetic and proteomic analysis of the role of luxS in the enteric phytopathogen, Erwinia carotovora. Molecular Plant Pathology, 2006, 7, 31-45.	2.0	57
565	Biological properties of the wild rhizosphere strain Pseudomonas fluorescens 2137 and its derivatives marked with the gusA gene. Microbiology, 2006, 75, 599-605.	0.5	1
566	Cold adapted features of Vibrio salmonicida catalase: characterisation and comparison to the mesophilic counterpart from Proteus mirabilis. Extremophiles, 2006, 10, 427-440.	0.9	41

#	Article	IF	Citations
567	Disruption of the copper efflux pump (CopA) of Serratia marcescens ATCC 274 pleiotropically affects copper sensitivity and production of the tripyrrole secondary metabolite, prodigiosin. Journal of Industrial Microbiology and Biotechnology, 2006, 33, 151-158.	1.4	25
568	Flagella-mediated motility is required for biofilm formation by Erwinia carotovora subsp. carotovora. Journal of General Plant Pathology, 2006, 72, 34-39.	0.6	50
569	New tool for spreading proteins to the environment: Cry1Ab toxin immobilized to bioplastics. Applied Microbiology and Biotechnology, 2006, 72, 88-93.	1.7	22
570	Non-viability of Haemophilus parasuis fur-defective mutants. Veterinary Microbiology, 2006, 118, 107-116.	0.8	3
571	A novel transposon-based method for elimination of large bacterial plasmids. Plasmid, 2006, 55, 235-241.	0.4	10
572	High-Throughput Identification of Conditionally Essential Genes in Bacteria: From STM to TSM. Infectious Disorders - Drug Targets, 2006, 6, 241-262.	0.4	5
573	A Mobile Quorum-Sensing System in Serratia marcescens. Journal of Bacteriology, 2006, 188, 1518-1525.	1.0	54
574	Transcriptome and Phenotypic Responses of Vibrio cholerae to Increased Cyclic di-GMP Level. Journal of Bacteriology, 2006, 188, 3600-3613.	1.0	189
575	Poly(3-Hydroxybutyrate) Synthesis by Recombinant Escherichia coli arcA Mutants in Microaerobiosis. Applied and Environmental Microbiology, 2006, 72, 2614-2620.	1.4	70
576	Exploitation of a Î²-lactamase reporter gene fusion in the carbapenem antibiotic production operon to study adaptive evolution in Erwinia carotovora. Microbiology (United Kingdom), 2006, 152, 1089-1097.	0.7	4
577	Identification and Characterization of a Hemolysin Gene Cluster in Vibrio anguillarum. Infection and Immunity, 2006, 74, 2777-2786.	1.0	63
578	Inhibition of Fungal Colonization by Pseudoalteromonas tunicata Provides a Competitive Advantage during Surface Colonization. Applied and Environmental Microbiology, 2006, 72, 6079-6087.	1.4	60
579	Genetic Determinants of Capsular Serotype K1 ofKlebsiella pneumoniaeCausing Primary Pyogenic Liver Abscess. Journal of Infectious Diseases, 2006, 193, 645-654.	1.9	197
580	Role of Sigma E-Regulated Genes in Escherichia coli Uropathogenesis. Infection and Immunity, 2006, 74, 4030-4038.	1.0	43
581	Duplication of the mmoX gene in Methylosinus sporium: cloning, sequencing and mutational analysis. Microbiology (United Kingdom), 2006, 152, 2931-2942.	0.7	20
582	The Antimicrobial Activity of Marinocine, Synthesized by Marinomonas mediterranea , Is Due to Hydrogen Peroxide Generated by Its Lysine Oxidase Activity. Journal of Bacteriology, 2006, 188, 2493-2501.	1.0	60
583	Photolyase Confers Resistance to UV Light but Does Not Contribute to the Symbiotic Benefit of Bioluminescence in Vibrio fischeri ES114. Applied and Environmental Microbiology, 2006, 72, 6600-6606.	1.4	19
584	Active Genetic Elements Present in the Locus of Enterocyte Effacement in Escherichia coli O26 and Their Role in Mobility. Infection and Immunity, 2006, 74, 4190-4199.	1.0	10

#	Article	IF	Citations
585	Identification and Characterization of RbmA, a Novel Protein Required for the Development of Rugose Colony Morphology and Biofilm Structure in Vibrio cholerae. Journal of Bacteriology, 2006, 188, 1049-1059.	1.0	146
586	A gene cluster involved in the biosynthesis of vanchrobactin, a chromosome-encoded siderophore produced by Vibrio anguillarum. Microbiology (United Kingdom), 2006, 152, 3517-3528.	0.7	45
587	Identification and Characterization of the Capsular Polysaccharide (K-Antigen) Locus of Porphyromonas gingivalis. Infection and Immunity, 2006, 74, 449-460.	1.0	84
588	Chlorophenol Hydroxylases Encoded by Plasmid pJP4 Differentially Contribute to Chlorophenoxyacetic Acid Degradation. Applied and Environmental Microbiology, 2006, 72, 2783-2792.	1.4	47
589	The ColRS Two-Component System Regulates Membrane Functions and Protects Pseudomonas putida against Phenol. Journal of Bacteriology, 2006, 188, 8109-8117.	1.0	53
590	Identification of Salmonella enterica Serovar Typhimurium Genes Important for Survival in the Swine Gastric Environment. Applied and Environmental Microbiology, 2006, 72, 2829-2836.	1.4	60
591	Identification of Novel Genes Involved in Long-Chain n -Alkane Degradation by Acinetobacter sp. Strain DSM 17874. Applied and Environmental Microbiology, 2007, 73, 3327-3332.	1.4	238
592	Identification of the Initial Steps in d -Lysine Catabolism in Pseudomonas putida. Journal of Bacteriology, 2007, 189, 2787-2792.	1.0	55
593	Molecular Characterization of a Novel ortho -Nitrophenol Catabolic Gene Cluster in Alcaligenes sp. Strain NyZ215. Journal of Bacteriology, 2007, 189, 6587-6593.	1.0	48
594	Circumventing the Effect of Product Toxicity: Development of a Novel Two-Stage Production Process for the Lantibiotic Gallidermin. Applied and Environmental Microbiology, 2007, 73, 1635-1645.	1.4	30
595	XphA/XqhA, a Novel GspCD Subunit for Type II Secretion in Pseudomonas aeruginosa. Journal of Bacteriology, 2007, 189, 3776-3783.	1.0	28
596	Construction of a Vibrio splendidus Mutant Lacking the Metalloprotease Gene vsm by Use of a Novel Counterselectable Suicide Vector. Applied and Environmental Microbiology, 2007, 73, 777-784.	1.4	240
597	Use of Transposon Promoter-Probe Vectors in the Metabolic Engineering of the Obligate Methanotroph Methylomonas sp. Strain 16a for Enhanced C40 Carotenoid Synthesis. Applied and Environmental Microbiology, 2007, 73, 1721-1728.	1.4	50
598	In vivo expression technology identifies a type VI secretion system locus in Burkholderia pseudomallei that is induced upon invasion of macrophages. Microbiology (United Kingdom), 2007, 153, 2689-2699.	0.7	238
599	The GATC-Binding Protein SeqA Is Required for Bile Resistance and Virulence in Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2007, 189, 8496-8502.	1.0	28
600	Creating Recombinationâ€Activated Genes and Sequenceâ€Defined Mutant Libraries Using Transposons. Methods in Enzymology, 2007, 421, 126-140.	0.4	9
601	Heterologous Expression and Identification of the Genes Involved in Anaerobic Degradation of 1,3-Dihydroxybenzene (Resorcinol) in Azoarcus anaerobius. Journal of Bacteriology, 2007, 189, 3824-3833.	1.0	24
602	Biochemical and Genetic Investigation of Initial Reactions in Aerobic Degradation of the Bile Acid Cholate in Pseudomonas sp. Strain Chol1. Journal of Bacteriology, 2007, 189, 7165-7173.	1.0	48

#	Article	IF	Citations
603	Simultaneous Catabolite Repression between Glucose and Toluene Metabolism in Pseudomonas putida Is Channeled through Different Signaling Pathways. Journal of Bacteriology, 2007, 189, 6602-6610.	1.0	92
604	Cumulative Effects of Several Nonenzymatic Mechanisms on the Resistance of Pseudomonas aeruginosa to Aminoglycosides. Antimicrobial Agents and Chemotherapy, 2007, 51, 1016-1021.	1.4	95
605	Two-Component Response Regulators of Vibrio fischeri : Identification, Mutagenesis, and Characterization. Journal of Bacteriology, 2007, 189, 5825-5838.	1.0	63
606	Protective role of autophagy against Vibrio cholerae cytolysin, a pore-forming toxin from V. cholerae. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1829-1834.	3.3	162
607	Regulation of Vibrio Polysaccharide Synthesis and Virulence Factor Production by CdgC, a GGDEF-EAL Domain Protein, in Vibrio cholerae. Journal of Bacteriology, 2007, 189, 717-729.	1.0	88
608	The rbmBCDEF Gene Cluster Modulates Development of Rugose Colony Morphology and Biofilm Formation in Vibrio cholerae. Journal of Bacteriology, 2007, 189, 2319-2330.	1.0	166
609	Convergent Peripheral Pathways Catalyze Initial Glucose Catabolism in Pseudomonas putida : Genomic and Flux Analysis. Journal of Bacteriology, 2007, 189, 5142-5152.	1.0	231
610	Biochemical Evidence That phaZ Gene Encodes a Specific Intracellular Medium Chain Length Polyhydroxyalkanoate Depolymerase in Pseudomonas putida KT2442. Journal of Biological Chemistry, 2007, 282, 4951-4962.	1.6	77
611	The RpoT Regulon of Pseudomonas putida DOT-T1E and Its Role in Stress Endurance against Solvents. Journal of Bacteriology, 2007, 189, 207-219.	1.0	44
612	Regulation of Sulfur Assimilation Pathways in Burkholderia cenocepacia : Identification of Transcription Factors CysB and SsuR and Their Role in Control of Target Genes. Journal of Bacteriology, 2007, 189, 1675-1688.	1.0	21
613	A Widespread Deferoxamineâ€Mediated Ironâ€Uptake System inVibrio vulnificus. Journal of Infectious Diseases, 2007, 196, 1537-1545.	1.9	44
614	Target Site Selection of Pseudomonas putida Transposon Tn 4652. Journal of Bacteriology, 2007, 189, 3918-3921.	1.0	11
615	Oxidative DNA Damage Defense Systems in Avoidance of Stationary-Phase Mutagenesis in Pseudomonas putida. Journal of Bacteriology, 2007, 189, 5504-5514.	1.0	27
616	Potential Use of Toxic Thermolabile Proteins To Study Protein Quality Control Systems. Applied and Environmental Microbiology, 2007, 73, 5951-5953.	1.4	5
617	RelA-Dependent (p)ppGpp Production Controls Exoenzyme Synthesis inErwinia carotovorasubsp.atroseptica. Journal of Bacteriology, 2007, 189, 7643-7652.	1.0	19
618	Study of factors which negatively affect expression of the phenol degradation operon pheBA in Pseudomonas putida. Microbiology (United Kingdom), 2007, 153, 1860-1871.	0.7	13
619	Transport and survival of GFP-tagged root-colonizing microbes: Implications for rhizodegradation. European Journal of Soil Biology, 2007, 43, 224-232.	1.4	16
620	Study of involvement of ImuB and DnaE2 in stationary-phase mutagenesis in Pseudomonas putida. DNA Repair, 2007, 6, 863-868.	1.3	31

#	Article	IF	Citations
621	Strain selection and improvement of gene transfer for genetic manipulation of Pseudomonas savastanoi isolated from olive knots. Research in Microbiology, 2007, 158, 60-69.	1.0	57
622	Wax Control by Biocatalytic Degradation in High-Paraffinic Crude Oils. , 2007, , .		5
623	Characterization of the unique organization and co-regulation of a gene cluster required for phenol and benzene catabolism in Pseudomonas sp. M1. Journal of Biotechnology, 2007, 131, 371-378.	1.9	27
624	Genetic Characterization of 2,4,6-Trichlorophenol Degradation in Cupriavidus necator JMP134. Applied and Environmental Microbiology, 2007, 73, 2769-2776.	1.4	52
625	Pseudomonas. , 2007, , .		9
626	Controlled Release Biopolymers for Enhancing the Immune Response. Molecular Pharmaceutics, 2007, 4, 33-46.	2.3	32
627	Towards a Genome-Wide Mutant Library of Pseudomonas putida Strain KT2440. , 2007, , 227-251.		44
628	Genetic and ultrastructural analysis of different mutants of Pseudomonas putida affected in the poly-3-hydroxy-n-alkanoate gene cluster. Environmental Microbiology, 2007, 9, 737-751.	1.8	47
629	Smooth to rugose phase variation in Vibrio cholerae can be mediated by a single nucleotide change that targets câ€diâ€GMP signalling pathway. Molecular Microbiology, 2007, 63, 995-1007.	1.2	115
630	Transposition and target specificity of the typical IS30 family element IS1655 from Neisseria meningitidis. Molecular Microbiology, 2007, 63, 1731-1747.	1.2	22
631	The Pseudomonas putida Crc global regulator is an RNA binding protein that inhibits translation of the AlkS transcriptional regulator. Molecular Microbiology, 2007, 64, 665-675.	1.2	102
632	Bioluminescence in Vibrio fischeri is controlled by the redox-responsive regulator ArcA. Molecular Microbiology, 2007, 65, 538-553.	1.2	101
633	Emergence of novel functions in transcriptional regulators by regression to stem protein types. Molecular Microbiology, 2007, 65, 907-919.	1.2	58
634	Plant protection by the recombinant, root-colonizing Pseudomonas fluorescens F113rifPCB strain expressing arsenic resistance: improving rhizoremediation. Letters in Applied Microbiology, 2007, 45, 668-674.	1.0	24
635	Root growth and exudate production define the frequency of horizontal plasmid transfer in the Rhizosphere. FEMS Microbiology Ecology, 2007, 59, 167-176.	1.3	70
636	The capsule polysaccharide structure and biogenesis for non-O1 Vibrio cholerae NRT36S: genes are embedded in the LPS region. BMC Microbiology, 2007, 7, 20.	1.3	42
637	Broad host range fluorescence and bioluminescence expression vectors for Gram-negative bacteria. Plasmid, 2007, 57, 286-295.	0.4	83
638	Biosensor-guided screening for macrolides. Analytical and Bioanalytical Chemistry, 2007, 388, 1117-1125.	1.9	46

#	Article	IF	Citations
639	Identification of salt stress inducible genes that control cell envelope related functions in Azospirillum brasilense Sp7. Molecular Genetics and Genomics, 2007, 278, 43-51.	1.0	13
640	Development of a whole cell green fluorescent sensor for lysine quantification. World Journal of Microbiology and Biotechnology, 2008, 24, 353-359.	1.7	28
641	Identification of heme uptake genes in the fish pathogen Aeromonas salmonicida subsp. salmonicida. Archives of Microbiology, 2008, 190, 439-449.	1.0	35
642	Visualization of symbiotic tissue in intact root nodules of Vicia tetrasperma using GFP-marked Rhizobium leguminosarum bv. viciae. Folia Microbiologica, 2008, 53, 139-146.	1.1	2
643	Molecular analysis of the fur (ferric uptake regulator) gene of a pathogenic Edwardsiella tarda strain. Journal of Microbiology, 2008, 46, 350-355.	1.3	35
644	Dual-In/Out strategy for genes integration into bacterial chromosome: a novel approach to step-by-step construction of plasmid-less marker-less recombinant E. coli strains with predesigned genome structure. BMC Biotechnology, 2008, 8, 63.	1.7	50
645	Ã€ la carte transcriptional regulators: unlocking responses of the prokaryotic enhancer-binding protein XylR to non-natural effectors. Molecular Microbiology, 2008, 42, 47-59.	1.2	72
646	Phosphate availability regulates biosynthesis of two antibiotics, prodigiosin and carbapenem, in Serratia via both quorum-sensing-dependent and -independent pathways. Molecular Microbiology, 2008, 47, 303-320.	1.2	237
647	Improved hydrogen production by uptake hydrogenase deficient mutant strain of Rhodobacter sphaeroides O.U.001. International Journal of Hydrogen Energy, 2008, 33, 3056-3060.	3.8	92
648	Loss of the oxidative stress regulator OxyR inPseudomonas aeruginosaPAO1 impairs growth under iron-limited conditions. FEMS Microbiology Letters, 2008, 288, 258-265.	0.7	32
649	OxyR is involved in the expression of thioredoxin reductase TrxB inPseudomonas putida. FEMS Microbiology Letters, 2008, 289, 138-145.	0.7	14
650	Use of a novel nonantibiotic triple marker gene cassette to monitor high survival of Pseudomonas fluorescens SBW25 on winter wheat in the field. FEMS Microbiology Ecology, 2008, 63, 156-168.	1.3	21
651	Tn5mutants ofBradyrhizobium japonicumIs-1 with altered compatibility withRj2-soybean cultivars. Soil Science and Plant Nutrition, 2008, 54, 197-203.	0.8	28
652	Comparison of a range of green fluorescent protein-tagging vectors for monitoring a microbial inoculant in soil. Letters in Applied Microbiology, 2008, 32, 26-30.	1.0	0
653	Genetic analyses and molecular characterization of the pathways involved in the conversion of 2-phenylethylamine and 2-phenylethanol into phenylacetic acid in Pseudomonas putida U. Environmental Microbiology, 2008, 10, 413-432.	1.8	43
654	Integrated regulation involving quorum sensing, a twoâ€component system, a GGDEF/EAL domain protein and a postâ€transcriptional regulator controls swarming and RhlAâ€dependent surfactant biosynthesis in Serratia. Environmental Microbiology, 2008, 10, 1202-1217.	1.8	65
655	Roles of type IV pili, flagellumâ€mediated motility and extracellular DNA in the formation of mature multicellular structures in Pseudomonas aeruginosa biofilms. Environmental Microbiology, 2008, 10, 2331-2343.	1.8	345
656	Stable implantation of orthogonal sensor circuits in Gramâ€negative bacteria for environmental release. Environmental Microbiology, 2008, 10, 3305-3316.	1.8	72

#	Article	IF	Citations
657	Vibrio vulnificus RTX toxin kills host cells only after contact of the bacteria with host cells. Cellular Microbiology, 2008, 10, 848-862.	1.1	168
658	The styreneâ€responsive StyS/StyR regulation system controls expression of an auxiliary phenylacetylâ€coenzyme A ligase: implications for rapid metabolic coupling of the styrene upperâ€and lowerâ€degradative pathways. Molecular Microbiology, 2008, 69, 317-330.	1.2	12
659	Dual role of NER in mutagenesis in Pseudomonas putida. DNA Repair, 2008, 7, 20-30.	1.3	24
660	Tracing explosives in soil with transcriptional regulators of Pseudomonas putida evolved for responding to nitrotoluenes. Microbial Biotechnology, 2008, 1, 236-246.	2.0	79
661	Characterization of Brucella abortus sigma factor Ïƒ54 (rpoN): Genetic complementation of Sinorhizobium meliloti ntrA mutant. Microbial Pathogenesis, 2008, 45, 394-402.	1.3	3
662	Construction of an improved RP4 (RK2)-based conjugative system. Research in Microbiology, 2008, 159, 545-549.	1.0	37
663	The polymeric stability of the Escherichia coli F4 (K88) fimbriae enhances its mucosal immunogenicity following oral immunization. Vaccine, 2008, 26, 5728-5735.	1.7	18
664	Detection of recombinant Pseudomonas putida in the wheat rhizosphere by fluorescence in situ hybridization targeting mRNA and rRNA. Applied Microbiology and Biotechnology, 2008, 79, 511-518.	1.7	10
665	Expression of a fusedfpggene inE. coliand engineering a strainComamonas testosteroniZD4-1-fpgfor environmental application. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1410-1416.	0.9	0
666	Biosynthetic and regulatory elements involved in the production of the siderophore vanchrobactin in Vibrio anguillarum. Microbiology (United Kingdom), 2008, 154, 1400-1413.	0.7	30
667	The Target for the Pseudomonas putida Crc Global Regulator in the Benzoate Degradation Pathway Is the BenR Transcriptional Regulator. Journal of Bacteriology, 2008, 190, 1539-1545.	1.0	87
668	The Putative Hybrid Sensor Kinase SypF Coordinates Biofilm Formation inVibrio fischeriby Acting Upstream of Two Response Regulators, SypG and VpsR. Journal of Bacteriology, 2008, 190, 4941-4950.	1.0	55
669	Identification of a Cellobiose Utilization Gene Cluster with Cryptic Î²-Galactosidase Activity in Vibrio fischeri. Applied and Environmental Microbiology, 2008, 74, 4059-4069.	1.4	19
670	Characterization of a yjjQ mutant of avian pathogenic Escherichia coli (APEC). Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Over	0.7	30
671	Large-Scale Transposon Mutagenesis of Photobacterium profundum SS9 Reveals New Genetic Loci Important for Growth at Low Temperature and High Pressure. Journal of Bacteriology, 2008, 190, 1699-1709.	1.0	92
672	Characterization of Integrative and Conjugative Element ICE Kp1 -Associated Genomic Heterogeneity in a Klebsiella pneumoniae Strain Isolated from a Primary Liver Abscess. Journal of Bacteriology, 2008, 190, 515-526.	1.0	102
673	Cloning and Heterologous Expression of Insecticidal-Protein-Encoding Genes from Photorhabdus luminescens TT01 in Enterobacter cloacae for Termite Control. Applied and Environmental Microbiology, 2008, 74, 7219-7226.	1.4	23
674	Interplay between Cyclic AMP-Cyclic AMP Receptor Protein and Cyclic di-GMP Signaling in Vibrio cholerae Biofilm Formation. Journal of Bacteriology, 2008, 190, 6646-6659.	1.0	150

#	Article	IF	Citations
675	The role of FIS protein in the physiological control of the expression of the Escherichia coli meta-hpa operon. Microbiology (United Kingdom), 2008, 154, 2151-2160.	0.7	7
676	Identification and Characterization of Epp, the Secreted Processing Protease for the Vibrio anguillarum EmpA Metalloprotease. Journal of Bacteriology, 2008, 190, 6589-6597.	1.0	33
677	Contribution of Type IV Pili to the Virulence of Aeromonas salmonicida subsp. salmonicida in Atlantic Salmon (Salmo salar L.). Infection and Immunity, 2008, 76, 1445-1455.	1.0	68
678	Identification and Characterization of a Repeat-in-Toxin Gene Cluster in Vibrio anguillarum. Infection and Immunity, 2008, 76, 2620-2632.	1.0	62
679	Identification of a Second Lipopolysaccharide inPorphyromonas gingivalisW50. Journal of Bacteriology, 2008, 190, 2920-2932.	1.0	106
680	Identification of virulence determinants in uropathogenic Proteus mirabilis using signature-tagged mutagenesis. Journal of Medical Microbiology, 2008, 57, 1068-1078.	0.7	54
681	Genetic and Functional Properties of the Self-Transmissible Yersinia enterocolitica Plasmid pYE854, Which Mobilizes the Virulence Plasmid pYV. Journal of Bacteriology, 2008, 190, 991-1010.	1.0	22
682	Identification of Siderophore Biosynthesis Genes Essential for Growth of Aeromonas salmonicida under Iron Limitation Conditions. Applied and Environmental Microbiology, 2008, 74, 2341-2348.	1.4	33
683	Identification and Characterization of Cyclic Diguanylate Signaling Systems Controlling Rugosity in Vibrio cholerae. Journal of Bacteriology, 2008, 190, 7392-7405.	1.0	108
684	Genomic Analysis of the Role of RNase R in the Turnover of Pseudomonas putida mRNAs. Journal of Bacteriology, 2008, 190, 6258-6263.	1.0	23
685	Role of Hemoglobin in Improving Biodegradation of Aromatic Contaminants under Hypoxic Conditions. Journal of Molecular Microbiology and Biotechnology, 2008, 15, 181-189.	1.0	13
686	Proteomic, Microarray, and Signature-Tagged Mutagenesis Analyses of AnaerobicPseudomonas aeruginosaat pH 6.5, Likely Representing Chronic, Late-Stage Cystic Fibrosis Airway Conditions. Journal of Bacteriology, 2008, 190, 2739-2758.	1.0	86
687	Development of Non-Antibiotic-Resistant, Chromosomally Based, Constitutive and Inducible Expression Systems for aroA -Attenuated Salmonella enterica Serovar Typhimurium. Infection and Immunity, 2009, 77, 1817-1826.	1.0	19
688	Mutations That Disrupt Either thepqqor thegdhGene ofRahnella aquatilisAbolish the Production of an Antibacterial Substance and Result in Reduced Biological Control of Grapevine Crown Gall. Applied and Environmental Microbiology, 2009, 75, 6792-6803.	1.4	35
689	SlyA, a MarR Family Transcriptional Regulator, Is Essential for Virulence inDickeya dadantii3937. Journal of Bacteriology, 2009, 191, 5409-5418.	1.0	60
690	FvtA Is the Receptor for the Siderophore Vanchrobactin inVibrio anguillarum: Utility as a Route of Entry for Vanchrobactin Analogues. Applied and Environmental Microbiology, 2009, 75, 2775-2783.	1.4	26
691	Development and validation of promoter-probe vectors for the study of methane monooxygenase gene expression in Methylococcus capsulatus Bath. Microbiology (United Kingdom), 2009, 155, 761-771.	0.7	27
692	HxcQ Liposecretin Is Self-piloted to the Outer Membrane by Its N-terminal Lipid Anchor. Journal of Biological Chemistry, 2009, 284, 33815-33823.	1.6	64

#	Article	IF	Citations
693	Engineering of Tellurite-Resistant Genetic Tools for Single-Copy Chromosomal Analysis of Burkholderia spp. and Characterization of the Burkholderia thailandensis betBA Operon. Applied and Environmental Microbiology, 2009, 75, 4015-4027.	1.4	15
694	Contribution of Flagellin Pattern Recognition to Intestinal Inflammation duringSalmonella entericaSerotype Typhimurium Infection. Infection and Immunity, 2009, 77, 1904-1916.	1.0	86
695	O-Antigen-NegativeSalmonella entericaSerovar Typhimurium Is Attenuated in Intestinal Colonization but Elicits Colitis in Streptomycin-Treated Mice. Infection and Immunity, 2009, 77, 2568-2575.	1.0	57
696	Mutations in ampG and Lytic Transglycosylase Genes Affect the Net Release of Peptidoglycan Monomers from Vibrio fischeri. Journal of Bacteriology, 2009, 191, 2012-2022.	1.0	42
697	Regulation of the PcoI/PcoR quorum-sensing system in Pseudomonas fluorescens 2P24 by the PhoP/PhoQ two-component system. Microbiology (United Kingdom), 2009, 155, 124-133.	0.7	22
698	Defects in glycopeptidolipid biosynthesis confer phage I3 resistance in Mycobacterium smegmatis. Microbiology (United Kingdom), 2009, 155, 4050-4057.	0.7	34
699	The subcutaneous inoculation of pHâ€…6 antigen mutants of Yersinia pestis does not affect virulence and immune response in mice. Journal of Medical Microbiology, 2009, 58, 26-36.	0.7	30
700	Elevated Mutation Frequency in Surviving Populations of Carbon-Starved rpoS -Deficient Pseudomonas putida Is Caused by Reduced Expression of Superoxide Dismutase and Catalase. Journal of Bacteriology, 2009, 191, 3604-3614.	1.0	14
701	Overexpression of VpsS, a Hybrid Sensor Kinase, Enhances Biofilm Formation in Vibrio cholerae. Journal of Bacteriology, 2009, 191, 5147-5158.	1.0	66
702	Essential Role of the SycP Chaperone in Type III Secretion of the YspP Effector. Journal of Bacteriology, 2009, 191, 1703-1715.	1.0	5
703	Discovery of [NiFe] Hydrogenase Genes in Metagenomic DNA: Cloning and Heterologous Expression in Thiocapsa roseopersicina. Applied and Environmental Microbiology, 2009, 75, 5821-5830.	1.4	36
704	Glyphosate Resistance as a Novel Select-Agent-Compliant, Non-Antibiotic-Selectable Marker in Chromosomal Mutagenesis of the Essential Genes asd and dapB of Burkholderia pseudomallei. Applied and Environmental Microbiology, 2009, 75, 6062-6075.	1.4	45
705	Identification and Characterization of OscR, a Transcriptional Regulator Involved in Osmolarity Adaptation in Vibrio cholerae. Journal of Bacteriology, 2009, 191, 4082-4096.	1.0	63
706	Rhizobium etli HrpW is a pectin-degrading enzyme and differs from phytopathogenic homologues in enzymically crucial tryptophan and glycine residues. Microbiology (United Kingdom), 2009, 155, 3045-3054.	0.7	22
707	Antibiotic Resistance in Pseudomonas aeruginosa Strains with Increased Mutation Frequency Due to Inactivation of the DNA Oxidative Repair System. Antimicrobial Agents and Chemotherapy, 2009, 53, 2483-2491.	1.4	90
708	A Novel Glucosyltransferase Involved in O-Antigen Modification of Shigella flexneri Serotype 1c. Journal of Bacteriology, 2009, 191, 6612-6617.	1.0	44
709	An Aeromonas caviae Genomic Island Is Required for both O-Antigen Lipopolysaccharide Biosynthesis and Flagellin Glycosylation. Journal of Bacteriology, 2009, 191, 2851-2863.	1.0	47
710	Differential control of the PcoI/PcoR quorum-sensing system in Pseudomonas fluorescens 2P24 by sigma factor RpoS and the GacS/GacA two-component regulatory system. Microbiological Research, 2009, 164, 18-26.	2.5	31

#	Article	IF	Citations
711	The effect of acidity on the production of signal molecules by Medicago roots and their recognition by Sinorhizobium. Soil Biology and Biochemistry, 2009, 41, 163-169.	4.2	5
712	Escherichia coli genes affecting recipient ability in plasmid conjugation: Are there any?. BMC Genomics, 2009, 10, 71.	1.2	87
713	Functional analysis of aromatic biosynthetic pathways in Pseudomonas putida KT2440. Microbial Biotechnology, 2009, 2, 91-100.	2.0	19
714	Adaptation to Î²â€myrcene catabolism in Pseudomonas sp. M1: An expression proteomics analysis. Proteomics, 2009, 9, 5101-5111.	1.3	13
715	Mutations affecting chemotaxis of Agrobacterium vitis strain E26 also alter attachment to grapevine roots and biocontrol of crown gall disease. Plant Pathology, 2009, 58, 594-605.	1.2	3
716	Intracellular excision and reintegration dynamics of the ICEclc genomic island of Pseudomonas knackmussii sp. strain B13. Molecular Microbiology, 2009, 72, 1293-1306.	1.2	56
717	Unexpected chemoreceptors mediate energy taxis towards electron acceptors in Shewanella oneidensis. Molecular Microbiology, 2009, 73, 278-290.	1.2	63
718	Pyoverdine and PQS mediated subpopulation interactions involved in Pseudomonas aeruginosa biofilm formation. Molecular Microbiology, 2009, 74, 1380-1392.	1.2	146
719	GENERATION OF BIOLUMINESCENT MORGANELLA MORGANII AND ITS POTENTIAL USAGE IN DETERMINATION OF GROWTH LIMITS AND HISTAMINE PRODUCTION. Journal of Food Safety, 2009, 29, 190-207.	1.1	2
720	Characterization of melanin-overproducing transposon mutants ofPseudomonas putidaF6. FEMS Microbiology Letters, 2009, 298, 174-183.	0.7	20
721	Physiological role of NahW, the additional salicylate hydroxylase found inPseudomonas stutzeriAN10. FEMS Microbiology Letters, 2009, 300, 265-272.	0.7	18
722	The pivotal regulator GlnB of Escherichiaâ€coli is engaged in subtle and contextâ€dependent control. FEBS Journal, 2009, 276, 3324-3340.	2.2	9
723	Identification of a calciumâ€controlled negative regulatory system affecting Vibrio cholerae biofilm formation. Environmental Microbiology, 2009, 11, 2015-2029.	1.8	95
724	PanB is involved in nicotine metabolism in Pseudomonas putida. International Biodeterioration and Biodegradation, 2009, 63, 988-992.	1.9	10
725	Evaluation of hydrogen production by Rhodobacter sphaeroides O.U.001 and its hupSL deficient mutant using acetate and malate as carbon sources. International Journal of Hydrogen Energy, 2009, 34, 2184-2190.	3.8	55
726	Effect of immobilization of a bacterial consortium on diuron dissipation and community dynamics. Bioresource Technology, 2009, 100, 4257-4261.	4.8	29
727	Conjugative Interaction Induces Transposition of IS Pst9 in Pseudomonas stutzeri AN10. Journal of Bacteriology, 2009, 191, 1239-1247.	1.0	17
728	Pseudomonas aeruginosa extracellular products inhibit staphylococcal growth, and disrupt established biofilms produced by Staphylococcus epidermidis. Microbiology (United Kingdom), 2009, 155, 2148-2156.	0.7	115

#	Article	IF	Citations
729	Random transposon vectors pUTTns for the markerless integration of exogenous genes into gram-negative eubacteria chromosomes. Journal of Microbiological Methods, 2009, 79, 220-226.	0.7	5
730	Genetic mechanisms of multi-antimicrobial resistance in a pathogenic Edwardsiella tarda strain. Aquaculture, 2009, 289, 134-139.	1.7	73
731	The Transcriptional Activator rfiA Is Quorum-Sensing Regulated by Cotranscription with the luxI Homolog pcoI and Is Essential for Plant Virulence in Pseudomonas corrugata. Molecular Plant-Microbe Interactions, 2009, 22, 1514-1522.	1.4	22
732	Nodulation Gene Mutants of Mesorhizobium loti R7Aâ€"nodZ and nolL Mutants Have Host-Specific Phenotypes on Lotus spp.. Molecular Plant-Microbe Interactions, 2009, 22, 1546-1554.	1.4	62
733	Negative Regulation of the Hrp Type III Secretion System in Pseudomonas syringae pv. phaseolicola. Molecular Plant-Microbe Interactions, 2010, 23, 682-701.	1.4	45
734	Construction of an engineered strain free of antibiotic resistance gene markers for simultaneous mineralization of methyl parathion and ortho-nitrophenol. Applied Microbiology and Biotechnology, 2010, 87, 281-287.	1.7	2
735	A chromosomally based luminescent bioassay for mercury detection in red soil of China. Applied Microbiology and Biotechnology, 2010, 87, 981-989.	1.7	20
736	Mineralization of PCBs by the genetically modified strain Cupriavidus necator JMS34 and its application for bioremediation of PCBs in soil. Applied Microbiology and Biotechnology, 2010, 87, 1543-1554.	1.7	59
737	Pho regulon promoter-mediated transcription of the key pathway gene aroG Fbr improves the performance of an l-phenylalanine-producing Escherichia coli strain. Applied Microbiology and Biotechnology, 2010, 88, 1287-1295.	1.7	17
738	Brucella abortus ure2 region contains an acid-activated urea transporter and a nickel transport system. BMC Microbiology, 2010, 10, 107.	1.3	38
739	The impact of ColRS two-component system and TtgABC efflux pump on phenol tolerance of Pseudomonas putida becomes evident only in growing bacteria. BMC Microbiology, 2010, 10, 110.	1.3	26
740	Specificity and selectivity of HypC chaperonins and endopeptidases in the molecular assembly machinery of [NiFe] hydrogenases of Thiocapsa roseopersicina. International Journal of Hydrogen Energy, 2010, 35, 3358-3370.	3.8	8
741	Improvement of hydrogen yield by hupR gene knock-out and nifA gene overexpression in Rhodobacter sphaeroides 6016. International Journal of Hydrogen Energy, 2010, 35, 9603-9610.	3.8	31
742	Diversity of the transcriptional regulation of the pch gene cluster in two indigenous p-cresol-degradative strains of Pseudomonas fluorescens. FEMS Microbiology Ecology, 2010, 72, 464-475.	1.3	9
743	FNR-mediated regulation of bioluminescence and anaerobic respiration in the light-organ symbiontVibrio fischeri. FEMS Microbiology Letters, 2010, 306, 72-81.	0.7	14
744	Effect of the hfq gene on 2,4-diacetylphloroglucinol production and the PcoI/PcoR quorum-sensing system in Pseudomonas fluorescens 2P24. FEMS Microbiology Letters, 2010, 309, no-no.	0.7	32
745	Activation of the antioxidant complex in Pseudomonas aurantiacaâ€"Producer of phenazine antibiotics. Microbiology, 2010, 79, 439-444.	0.5	10
746	The turnover of mediumâ€chainâ€length polyhydroxyalkanoates in Pseudomonas putida KT2442 and the fundamental role of PhaZ depolymerase for the metabolic balance. Environmental Microbiology, 2010, 12, 207-221.	1.8	108

#	Article	IF	Citations
747	Identification of conditionally essential genes for growth ofPseudomonas putidaKT2440 on minimal medium through the screening of a genomeâ€wide mutant library. Environmental Microbiology, 2010, 12, 1468-1485.	1.8	63
748	Quorum sensingâ€controlled Evr regulates a conserved cryptic pigment biosynthetic cluster and a novel phenomycinâ€like locus in the plant pathogen, Pectobacterium carotovorum. Environmental Microbiology, 2010, 12, 1811-1827.	1.8	12
749	The PhaD regulator controls the simultaneous expression of the pha genes involved in polyhydroxyalkanoate metabolism and turnover in Pseudomonas putida KT2442. Environmental Microbiology, 2010, 12, 1591-1603.	1.8	59
750	The 3,4â€dihydroxyphenylacetic acid catabolon, a catabolic unit for degradation of biogenic amines tyramine and dopamine in Pseudomonas putida U. Environmental Microbiology, 2010, 12, 1684-1704.	1.8	31
751	The Pseudomonas aeruginosa oxidative stress regulator OxyR influences production of pyocyanin and rhamnolipids: protective role of pyocyanin. Microbiology (United Kingdom), 2010, 156, 678-686.	0.7	80
752	Analyses of the Regulatory Mechanism and Physiological Roles of Pseudomonas aeruginosa OhrR, a Transcription Regulator and a Sensor of Organic Hydroperoxides. Journal of Bacteriology, 2010, 192, 2093-2101.	1.0	53
753	Genetics and Regulation of the Major Enzymes of Alanine Synthesis inEscherichia coli. Journal of Bacteriology, 2010, 192, 5304-5311.	1.0	58
754	Role of Vibrio polysaccharide (vps) genes in VPS production, biofilm formation and Vibrio cholerae pathogenesis. Microbiology (United Kingdom), 2010, 156, 2757-2769.	0.7	211
755	Conditional Silencing of the <i>Escherichia coli pykF</i> Gene Results from Artificial Convergent Transcription Protected from Rho-Dependent Termination. Journal of Molecular Microbiology and Biotechnology, 2010, 18, 1-13.	1.0	6
756	Identification and Heterologous Expression of Genes Involved in Anaerobic Dissimilatory Phosphite Oxidation by Desulfotignum phosphitoxidans. Journal of Bacteriology, 2010, 192, 5237-5244.	1.0	27
757	A Second Soluble Hox-Type NiFe Enzyme Completes the Hydrogenase Set in Thiocapsa roseopersicina BBS. Applied and Environmental Microbiology, 2010, 76, 5113-5123.	1.4	26
758	The resistance-nodulation-division efflux pump EmhABC influences the production of 2,4-diacetylphloroglucinol in Pseudomonas fluorescens 2P24. Microbiology (United Kingdom), 2010, 156, 39-48.	0.7	30
759	RssAB-FlhDC-ShlBA as a Major Pathogenesis Pathway in Serratia marcescens. Infection and Immunity, 2010, 78, 4870-4881.	1.0	59
760	The Virulence of aDickeya dadantii3937 Mutant Devoid of Osmoregulated Periplasmic Glucans Is Restored by Inactivation of the RcsCD-RcsB Phosphorelay. Journal of Bacteriology, 2010, 192, 3484-3490.	1.0	28
761	TnpR Encoded by an IS Ppu12 Isoform Regulates Transposition of Two Different IS L3 -Like Insertion Sequences in Pseudomonas stutzeri after Conjugative Interaction. Journal of Bacteriology, 2010, 192, 1423-1432.	1.0	13
762	The Cyclic-di-GMP Phosphodiesterase BinA Negatively Regulates Cellulose-Containing Biofilms inVibrio fischeri. Journal of Bacteriology, 2010, 192, 1269-1278.	1.0	54
763	Construction of Self-Transmissible Green Fluorescent Protein-Based Biosensor Plasmids and Their Use for Identification ofN-Acyl Homoserine-Producing Bacteria in Lake Sediments. Applied and Environmental Microbiology, 2010, 76, 6119-6127.	1.4	16
764	Fate of aPseudomonas savastanoipv. savastanoi Type III Secretion System Mutant in Olive Plants (Olea europaeaL.). Applied and Environmental Microbiology, 2010, 76, 3611-3619.	1.4	40

#	Article	IF	Citations
765	Regulation of the Vibrio vulnificus vvpE expression by cyclic AMP-receptor protein and quorum-sensing regulator SmcR. Microbial Pathogenesis, 2010, 49, 348-353.	1.3	10
766	Mini-Tn7 vectors as genetic tools for single copy gene cloning in Acinetobacter baumannii. Journal of Microbiological Methods, 2010, 82, 296-300.	0.7	53
767	Photonic characteristics and ex vivo imaging of Escherichia coli-Xen14 within the bovine reproductive tract. Theriogenology, 2010, 73, 48-55.	0.9	2
768	Modified 3-Oxoadipate Pathway for the Biodegradation of Methylaromatics inPseudomonas reinekeiMT1. Journal of Bacteriology, 2010, 192, 1543-1552.	1.0	26
769	Genetic Analysis of Gram-Negative Bacteria Using Mini Tn5 Transposons. , 2010, , 4243-4254.		0
770	Genes Involved in Cronobacter sakazakii Biofilm Formation. Applied and Environmental Microbiology, 2010, 76, 2251-2261.	1.4	96
771	Bacterial Sensors: Synthetic Design and Application Principles. Synthesis Lectures on Synthetic Biology, 2010, 2, 1-167.	0.0	10
772	A Two-Component Regulatory System Interconnects Resistance to Polymyxins, Aminoglycosides, Fluoroquinolones, and Î²-Lactams inPseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2011, 55, 1211-1221.	1.4	176
773	TagA is a secreted protease of Vibrio cholerae that specifically cleaves mucin glycoproteins. Microbiology (United Kingdom), 2011, 157, 516-525.	0.7	68
774	Gram negative shuttle BAC vector for heterologous expression of metagenomic libraries. Gene, 2011, 475, 57-62.	1.0	51
775	Tn5AraOut mutagenesis for the identification of Yersinia pestis genes involved in resistance towards cationic antimicrobial peptides. Microbial Pathogenesis, 2011, 51, 121-132.	1.3	20
776	PpoR, an orphan LuxRâ€family protein of Pseudomonas putida KT2440, modulates competitive fitness and surface motility independently of Nâ€acylhomoserine lactones. Environmental Microbiology Reports, 2011, 3, 79-85.	1.0	15
777	Involvement of poly(3â€hydroxybutyrate) synthesis in catabolite repression of tetralin biodegradation genes in Sphingomonas macrogolitabida strain TFA. Environmental Microbiology Reports, 2011, 3, 627-631.	1.0	5
778	Bacteriophage-Resistant Mutants in Yersinia pestis: Identification of Phage Receptors and Attenuation for Mice. PLoS ONE, 2011, 6, e25486.	1.1	157
779	Regulatory exaptation of the catabolite repression protein (Crp)â€“cAMP system in Pseudomonas putida. Environmental Microbiology, 2011, 13, 324-339.	1.8	34
780	A mutation in dnaK causes stabilization of the heat shock sigma factor Ïƒ³², accumulation of heat shock proteins and increase in tolueneâ€resistance in Pseudomonas putida. Environmental Microbiology, 2011, 13, 2007-2017.	1.8	22
781	Demethylation of methylarsonic acid by a microbial community. Environmental Microbiology, 2011, 13, 1205-1215.	1.8	112
782	Cyclic diguanylate turnover mediated by the sole GGDEF/EAL response regulator in Pseudomonas putida: its role in the rhizosphere and an analysis of its target processes. Environmental Microbiology, 2011, 13, 1745-1766.	1.8	81

#	Article	IF	Citations
783	The RNA chaperone, Hfq, controls two luxRâ€type regulators and plays a key role in pathogenesis and production of antibiotics in Serratia sp. ATCC 39006. Environmental Microbiology, 2011, 13, 2649-2666.	1.8	34
784	In search of Brucella abortus type IV secretion substrates: screening and identification of four proteins translocated into host cells through VirB system. Cellular Microbiology, 2011, 13, 1261-1274.	1.1	118
785	The CRP/FNR family protein Bcam1349 is a c-di-GMP effector that regulates biofilm formation in the respiratory pathogen Burkholderia cenocepacia. Molecular Microbiology, 2011, 82, 327-341.	1.2	125
786	Site-directed (IS30-FljA) transposon mutagenesis system to produce nonflagellated mutants of Salmonellaâ€ƒEnteritidis. FEMS Microbiology Letters, 2011, 317, 52-59.	0.7	8
787	Identification of Pantoea ananatis gene encoding membrane pyrroloquinoline quinone (PQQ)-dependent glucose dehydrogenase and pqqABCDEFâ€ƒoperon essential for PQQ biosynthesis. FEMS Microbiology Letters, 2011, 318, 55-60.	0.7	29
788	Controlled autolysis facilitates the polyhydroxyalkanoate recovery in Pseudomonas putida KT2440. Microbial Biotechnology, 2011, 4, 533-547.	2.0	75
789	Involvement of specialized DNA polymerases Pol II, Pol IV and DnaE2 in DNA replication in the absence of Pol I in Pseudomonas putida. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 714, 63-77.	0.4	6
790	Virulence plasmid interchange between strains ATCC 14028, LT2, and SL1344 of Salmonella enterica serovar Typhimurium. Plasmid, 2011, 65, 169-175.	0.4	24
791	pBAM1: an all-synthetic genetic tool for analysis and construction of complex bacterial phenotypes. BMC Microbiology, 2011, 11, 38.	1.3	142
792	Effect of inactivation of genes involved in ammonium regulation on the biohydrogen production of Rhodobacter capsulatus. International Journal of Hydrogen Energy, 2011, 36, 13536-13546.	3.8	17
793	Disruption of Î²-oxidation pathway in Pseudomonas putida KT2442 to produce new functionalized PHAs with thioester groups. Applied Microbiology and Biotechnology, 2011, 89, 1583-1598.	1.7	77
794	The ColRS system is essential for the hunger response of glucose-growing Pseudomonas putida. BMC Microbiology, 2011, 11, 170.	1.3	12
795	The pobA gene of Burkholderia cenocepacia encodes a Group I Sfp-type phosphopantetheinyltransferase required for biosynthesis of the siderophores ornibactin and pyochelin. Microbiology (United Kingdom), 2011, 157, 349-361.	0.7	25
796	Role of fimV in type II secretion system-dependent protein secretion of Pseudomonas aeruginosa on solid medium. Microbiology (United Kingdom), 2011, 157, 1945-1954.	0.7	16
797	The Extended Signal Peptide of the Trimeric Autotransporter EmaA of Aggregatibacter actinomycetemcomitans Modulates Secretion. Journal of Bacteriology, 2011, 193, 6983-6994.	1.0	18
798	Determination of symbiotic nodule occupancy in the model Vicia tetrasperma using a fluorescence scanner. Annals of Botany, 2011, 107, 709-715.	1.4	6
799	Regulation of the Edwardsiella ictaluri Type III Secretion System by pH and Phosphate Concentration through EsrA, EsrB, and EsrC. Applied and Environmental Microbiology, 2011, 77, 4293-4302.	1.4	40
800	Increased Transfer of a Multidrug Resistance Plasmid in Escherichia coli Biofilms at the Air-Liquid Interface. Applied and Environmental Microbiology, 2011, 77, 5079-5088.	1.4	101

#	Article	IF	Citations
801	Contribution of Rapid Evolution of theluxR-luxIIntergenic Region to the Diverse Bioluminescence Outputs ofVibrio fischeriStrains Isolated from Different Environments. Applied and Environmental Microbiology, 2011, 77, 2445-2457.	1.4	33
802	The Opportunistic Pathogen Serratia marcescens Utilizes Type VI Secretion To Target Bacterial Competitors. Journal of Bacteriology, 2011, 193, 6057-6069.	1.0	203
803	Biological Control of Rhizoctonia Root Rot on Bean by Phenazine- and Cyclic Lipopeptide-Producing Pseudomonas CMR12a. Phytopathology, 2011, 101, 996-1004.	1.1	88
804	Influence of thePhotorhabdus luminescensPhosphomannose Isomerase Gene,manA, on Mannose Utilization, Exopolysaccharide Structure, and Biofilm Formation. Applied and Environmental Microbiology, 2011, 77, 776-785.	1.4	10
805	HORSE SPECIES SYMPOSIUM: A novel approach to monitoring pathogen progression during uterine and placental infection in the mare using bioluminescence imaging technology and lux-modified bacteria1,2. Journal of Animal Science, 2011, 89, 1541-1551.	0.2	3
806	Deletion of TnAbaR23Results in both Expected and Unexpected Antibiogram Changes in a Multidrug-Resistant Acinetobacter baumannii Strain. Antimicrobial Agents and Chemotherapy, 2012, 56, 1845-1853.	1.4	37
807	An outer membrane porin protein modulates phage susceptibility in Edwardsiella ictaluri. Microbiology (United Kingdom), 2012, 158, 474-487.	0.7	14
808	Stability of a Pseudomonas putida KT2440 Bacteriophage-Carried Genomic Island and Its Impact on Rhizosphere Fitness. Applied and Environmental Microbiology, 2012, 78, 6963-6974.	1.4	11
809	A mini-library of sequenced human DNA fragments: linking bench experiments with informatics. Journal of Biological Education, 2012, 46, 193-198.	0.8	0
810	Characterization of a phage-like pyocin from the plant growth-promoting rhizobacterium Pseudomonas fluorescens SF4c. Microbiology (United Kingdom), 2012, 158, 1493-1503.	0.7	28
811	A GFP-lacZ Bicistronic Reporter System for Promoter Analysis in Environmental Gram-Negative Bacteria. PLoS ONE, 2012, 7, e34675.	1.1	19
812	Expression of the Resistance-Nodulation-Cell Division Pump AdeIJK in Acinetobacter baumannii Is Regulated by AdeN, a TetR-Type Regulator. Antimicrobial Agents and Chemotherapy, 2012, 56, 2504-2510.	1.4	127
813	Bacterial Degradation of Benzoate. Journal of Biological Chemistry, 2012, 287, 10494-10508.	1.6	91
814	Mutations in 23S rRNA Confer Resistance against Azithromycin in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2012, 56, 4519-4521.	1.4	26
815	Role of IncP-1Î² Plasmids pWDL7:: rfp and pNB8c in Chloroaniline Catabolism as Determined by Genomic and Functional Analyses. Applied and Environmental Microbiology, 2012, 78, 828-838.	1.4	45
816	Bundle-Forming Pilus Locus of Aeromonas veronii bv. Sobria. Infection and Immunity, 2012, 80, 1351-1360.	1.0	32
817	Roles of the Structural Symbiosis Polysaccharide (syp) Genes in Host Colonization, Biofilm Formation, and Polysaccharide Biosynthesis in Vibrio fischeri. Journal of Bacteriology, 2012, 194, 6736-6747.	1.0	65
818	Stochasticity of TOL plasmid catabolic promoters sets a bimodal expression regime in <i>Pseudomonas putida</i> mtâ€2 exposed to <i>mâ€<</i>xylene. Molecular Microbiology, 2012, 86, 199-211.	1.2	20

#	Article	IF	Citations
819	The archetype <scp>P</scp>seudomonas aeruginosa proteins <scp><scp>TssB</scp></scp> and <scp><scp>TagJ</scp></scp> form a novel subcomplex in the bacterial type <scp>VI</scp> secretion system. Molecular Microbiology, 2012, 86, 437-456.	1.2	22
820	Homologous recombination is facilitated in starving populations of Pseudomonas putida by phenol stress and affected by chromosomal location of the recombination target. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 737, 12-24.	0.4	19
821	Bacterial Biosynthetic Gene Clusters Encoding the Anti-cancer Haterumalide Class of Molecules. Journal of Biological Chemistry, 2012, 287, 39125-39138.	1.6	80
822	Degradation of 2,3-Dihydroxybenzoate by a Novel meta -Cleavage Pathway. Journal of Bacteriology, 2012, 194, 3851-3860.	1.0	23
823	An Edwardsiella tarda mutant lacking UDP-glucose dehydrogenase shows pleiotropic phenotypes, attenuated virulence, and potential as a vaccine candidate. Veterinary Microbiology, 2012, 160, 506-512.	0.8	13
824	Fis regulates the competitiveness of Pseudomonas putida on barley roots by inducing biofilm formation. Microbiology (United Kingdom), 2012, 158, 708-720.	0.7	38
825	Genetic and Functional Genomic Approaches for the Study of Plant Cell Wall Degradation in Cellvibrio japonicus. Methods in Enzymology, 2012, 510, 331-347.	0.4	18
826	Role forcheRofVibrio fischeriin theVibrioâ€“squid symbiosis. Canadian Journal of Microbiology, 2012, 58, 29-38.	0.8	18
827	The Second Type VI Secretion System of Pseudomonas aeruginosa Strain PAO1 Is Regulated by Quorum Sensing and Fur and Modulates Internalization in Epithelial Cells. Journal of Biological Chemistry, 2012, 287, 27095-27105.	1.6	191
828	Fluorescence-Based Reporter for Gauging Cyclic Di-GMP Levels in Pseudomonas aeruginosa. Applied and Environmental Microbiology, 2012, 78, 5060-5069.	1.4	234
829	Brucella abortus efp gene is required for an efficient internalization in HeLa cells. Microbial Pathogenesis, 2012, 52, 31-40.	1.3	15
830	A PCR-free cloning method for the targeted Ï†80 Int-mediated integration of any long DNA fragment, bracketed with meganuclease recognition sites, into the Escherichia coli chromosome. Journal of Microbiological Methods, 2012, 89, 167-173.	0.7	19
831	Characterization of a novel chaperone/usher fimbrial operon present on KpGI-5, a methionine tRNA gene-associated genomic island in Klebsiella pneumoniae. BMC Microbiology, 2012, 12, 59.	1.3	8
832	A simple method for construction of pir + Enterobacterial hosts for maintenance of R6K replicon plasmids. BMC Research Notes, 2012, 5, 157.	0.6	20
833	Identification of novel virulence genes and metabolic pathways required for full fitness of <scp>P</scp>seudomonas savastanoi pv. savastanoi in olive (<scp>O</scp>lea europaea) knots. New Phytologist, 2012, 196, 1182-1196.	3.5	46
834	<scp>LuxU</scp> connects quorum sensing to biofilm formation in <scp>V</scp>ibrio fischeri. Molecular Microbiology, 2012, 86, 954-970.	1.2	36
835	Transposon-Based and Plasmid-Based Genetic Tools for Editing Genomes of Gram-Negative Bacteria. Methods in Molecular Biology, 2012, 813, 267-283.	0.4	92
836	Bacteriophages Capable of Lysing Yersinia pestis and Yersinia pseudotuberculosis: Efficiency of Plating Tests and Identification of Receptors in Escherichia coli K-12. Advances in Experimental Medicine and Biology, 2012, 954, 123-134.	0.8	16

#	Article	IF	Citations
837	Type II-dependent secretion of a Pseudomonas aeruginosa DING protein. Research in Microbiology, 2012, 163, 457-469.	1.0	20
838	Engineering Whole-Cell Biosensors with No Antibiotic Markers for Monitoring Aromatic Compounds in the Environment. Methods in Molecular Biology, 2012, 834, 261-281.	0.4	19
839	Synthetic Gene Networks. Methods in Molecular Biology, 2012, , .	0.4	2
840	Construction and Utilization of Carotenoid Reporter Systems: Identification of Chromosomal Integration Sites That Support Suitable Expression of Biosynthetic Genes and Pathways. Methods in Molecular Biology, 2012, 892, 219-243.	0.4	1
841	Analyses of the Large Subunit Histidine-Rich Motif Expose an Alternative Proton Transfer Pathway in [NiFe] Hydrogenases. PLoS ONE, 2012, 7, e34666.	1.1	30
842	Selection of Salmonella enterica Serovar Typhi Genes Involved during Interaction with Human Macrophages by Screening of a Transposon Mutant Library. PLoS ONE, 2012, 7, e36643.	1.1	41
843	Quantitative, Non-Disruptive Monitoring of Transcription in Single Cells with a Broad-Host Range GFP-luxCDABE Dual Reporter System. PLoS ONE, 2012, 7, e52000.	1.1	22
844	Crp Induces Switching of the CsrB and CsrC RNAs in Yersinia pseudotuberculosis and Links Nutritional Status to Virulence. Frontiers in Cellular and Infection Microbiology, 2012, 2, 158.	1.8	67
845	SmcR, the Quorum-sensing Master Regulator, Is Partially Involved in Temperature/Salinity-mediated Changes in MetalloproteasevvpEExpression inVibrio vulnificus. Journal of Bacteriology and Virology, 2012, 42, 29.	0.0	4
846	Recruitment in the sea: bacterial genes required for inducing larval settlement in a polychaete worm. Scientific Reports, 2012, 2, 228.	1.6	70
847	Identification of a putative glycosyltransferase responsible for the transfer of pseudaminic acid onto the polar flagellin of Aeromonas caviae Sch3N. MicrobiologyOpen, 2012, 1, 149-160.	1.2	31
848	Sensor Kinase RscS Induces the Production of Antigenically Distinct Outer Membrane Vesicles That Depend on the Symbiosis Polysaccharide Locus in Vibrio fischeri. Journal of Bacteriology, 2012, 194, 185-194.	1.0	38
849	Molecular Architecture and Assembly Principles of Vibrio cholerae Biofilms. Science, 2012, 337, 236-239.	6.0	340
850	Characterization of the siderophore transport protein AsbJ in Aeromonas salmonicida subsp. salmonicida. Comparative Clinical Pathology, 2012, 21, 217-221.	0.3	1
851	Exposing the third chromosome of Burkholderia cepacia complex strains as a virulence plasmid. Molecular Microbiology, 2012, 83, 362-378.	1.2	90
852	The metabolically active subpopulation inPseudomonas aeruginosabiofilms survives exposure to membrane-targeting antimicrobials via distinct molecular mechanisms. FEMS Immunology and Medical Microbiology, 2012, 65, 245-256.	2.7	54
853	Synthetic constructs in/for the environment: Managing the interplay between natural and engineered Biology. FEBS Letters, 2012, 586, 2199-2206.	1.3	78
854	Relationship between PHA and hydrogen metabolism in the purple sulfur phototrophic bacterium Thiocapsa roseopersicina BBS. International Journal of Hydrogen Energy, 2012, 37, 4915-4924.	3.8	12

#	Article	IF	Citations
855	A bacterial reporter panel for the detection and classification of antibiotic substances. Microbial Biotechnology, 2012, 5, 536-548.	2.0	43
856	Systematic mutation analysis of two-component signal transduction systems reveals EsrA-EsrB and PhoP-PhoQ as the major virulence regulators in Edwardsiella tarda. Veterinary Microbiology, 2012, 157, 190-199.	0.8	56
857	The Crp regulator of Pseudomonas putida: evidence of an unusually high affinity for its physiological effector, cAMP. Environmental Microbiology, 2012, 14, 702-713.	1.8	14
858	The polyhydroxyalkanoate metabolism controls carbon and energy spillage in Pseudomonas putida. Environmental Microbiology, 2012, 14, 1049-1063.	1.8	92
859	Development of replicative oriC plasmids and their versatile use in genetic manipulation of Cytophaga hutchinsonii. Applied Microbiology and Biotechnology, 2012, 93, 697-705.	1.7	30
860	The IHF regulon of exponentially growing Pseudomonas putida cells. Environmental Microbiology, 2013, 15, 49-63.	1.8	14
861	The role of GlpR repressor in Pseudomonas putida KT2440 growth and PHA production from glycerol. Environmental Microbiology, 2013, 15, 93-110.	1.8	80
862	Identification of genes in the VirR regulon of Pectobacterium atrosepticum and characterization of their roles in quorum sensingâ€dependent virulence. Environmental Microbiology, 2013, 15, 687-701.	1.8	18
863	Disruption of chemotaxis-related genes affects multiple cellular processes and the virulence of pathogenic Vibrio harveyi. Acta Oceanologica Sinica, 2013, 32, 55-60.	0.4	6
864	Functional characterization of the twin ZIP/SLC39 metal transporters, NpunF3111 and NpunF2202 in Nostoc punctiforme. Applied Microbiology and Biotechnology, 2013, 97, 8649-8662.	1.7	12
865	FixLâ€like sensor FlbS of Brucella abortus binds haem and is necessary for survival within eukaryotic cells. FEBS Letters, 2013, 587, 3102-3107.	1.3	4
866	OxyR, an important oxidative stress regulator to phenazines production and hydrogen peroxide resistance in Pseudomonas chlororaphis GP72. Microbiological Research, 2013, 168, 646-653.	2.5	13
867	Loss of cAMP/CRP regulation confers extreme high hydrostatic pressure resistance in Escherichia coli O157:H7. International Journal of Food Microbiology, 2013, 166, 65-71.	2.1	18
868	Why are chlorinated pollutants so difficult to degrade aerobically? Redox stress limits 1,3-dichloprop-1-ene metabolism byPseudomonas pavonaceae. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120377.	1.8	53
869	Phosphate starvation relayed by PhoB activates the expression of the Pseudomonas aeruginosa Ïƒvrel ECF factor and its target genes. Microbiology (United Kingdom), 2013, 159, 1315-1327.	0.7	33
870	The type <scp>II</scp> secretion system (<scp>X</scp>cp) of <scp>P</scp>seudomonas putida is active and involved in the secretion of phosphatases. Environmental Microbiology, 2013, 15, 2658-2671.	1.8	29
871	Intracellularly Induced Cyclophilins Play an Important Role in Stress Adaptation and Virulence of Brucella abortus. Infection and Immunity, 2013, 81, 521-530.	1.0	24
872	Isolation of cholesterol- and deoxycholate-degrading bacteria from soil samples: evidence of a common pathway. Applied Microbiology and Biotechnology, 2013, 97, 891-904.	1.7	31

#	Article	IF	Citations
873	The exopolysaccharide gene cluster <scp><scp>Bcam1330</scp></scp>â€“<scp><scp>Bcam1341</scp></scp> is involved in <scp>B</scp>urkholderia cenocepacia biofilm formation, and its expression is regulated by câ€diâ€<scp>GMP</scp> and <scp><scp>Bcam1349</scp></scp>. MicrobiologyOpen, 2013, 2, 105-122.	1.2	58
874	In-silico-driven metabolic engineering of Pseudomonas putida for enhanced production of poly-hydroxyalkanoates. Metabolic Engineering, 2013, 15, 113-123.	3.6	160
875	Conditional Requirement for Exopolysaccharide in the Mesorhizobiumâ€“Lotus Symbiosis. Molecular Plant-Microbe Interactions, 2013, 26, 319-329.	1.4	117
876	Complete nucleotide sequence of the self-transmissible TOL plasmid pD2RT provides new insight into arrangement of toluene catabolic plasmids. Plasmid, 2013, 70, 393-405.	0.4	7
877	Construction and evaluation of an Edwardsiella ictaluri fhuC mutant. Veterinary Microbiology, 2013, 162, 858-865.	0.8	31
878	Complete sequence of the suicide vector pJP5603. Plasmid, 2013, 69, 104-107.	0.4	12
879	Integrating conjugative elements of the SXT/R391 family from fish-isolatedVibriosencode restriction-modification systems that confer resistance to bacteriophages. FEMS Microbiology Ecology, 2013, 83, 457-467.	1.3	39
880	Production of a novel mixture of mycosubtilins by mutants of Bacillus subtilis. Bioresource Technology, 2013, 145, 264-270.	4.8	36
881	Implantation of unmarked regulatory and metabolic modules in Gram-negative bacteria with specialised mini-transposon delivery vectors. Journal of Biotechnology, 2013, 163, 143-154.	1.9	51
882	Engineering an anaerobic metabolic regime in Pseudomonas putida KT2440 for the anoxic biodegradation of 1,3-dichloroprop-1-ene. Metabolic Engineering, 2013, 15, 98-112.	3.6	93
883	Molecular and cellular characterisation of the zinc uptake (Znu) system ofNostoc punctiforme. FEMS Microbiology Ecology, 2013, 86, 149-171.	1.3	14
884	TREX: A Universal Tool for the Transfer and Expression of Biosynthetic Pathways in Bacteria. ACS Synthetic Biology, 2013, 2, 22-33.	1.9	76
885	Aerotaxis governs floating biofilm formation in <scp>S</scp>hewanella oneidensis. Environmental Microbiology, 2013, 15, 3108-3118.	1.8	26
886	Swapping of Phasin Modules To Optimize the In Vivo Immobilization of Proteins to Medium-Chain-Length Polyhydroxyalkanoate Granules in Pseudomonas putida. Biomacromolecules, 2013, 14, 3285-3293.	2.6	30
887	Polysialic and colanic acids metabolism in Escherichia coli K92 is regulated by RcsA and RcsB. Bioscience Reports, 2013, 33, .	1.1	16
888	Synergistic and Additive Effects of Chromosomal and Plasmid-Encoded Hemolysins Contribute to Hemolysis and Virulence in Photobacterium damselae subsp. damselae. Infection and Immunity, 2013, 81, 3287-3299.	1.0	60
889	RK2 plasmid dynamics in Caulobacter crescentus cells â€“ two modes of DNA replication initiation. Microbiology (United Kingdom), 2013, 159, 1010-1022.	0.7	8
890	The syp Enhancer Sequence Plays a Key Role in Transcriptional Activation by the Â54-Dependent Response Regulator SypG and in Biofilm Formation and Host Colonization by Vibrio fischeri. Journal of Bacteriology, 2013, 195, 5402-5412.	1.0	24

#	Article	IF	Citations
891	Substrate Specificity and Function of the Pheromone Receptor AinR in Vibrio fischeri ES114. Journal of Bacteriology, 2013, 195, 5223-5232.	1.0	27
892	The Iron-Dependent Regulator Fur Controls Pheromone Signaling Systems and Luminescence in the Squid Symbiont Vibrio fischeri ES114. Applied and Environmental Microbiology, 2013, 79, 1826-1834.	1.4	20
893	The HsiB1C1 (TssB-TssC) Complex of the Pseudomonas aeruginosa Type VI Secretion System Forms a Bacteriophage Tail Sheathlike Structure. Journal of Biological Chemistry, 2013, 288, 7536-7548.	1.6	77
894	Arabinose Induces Pellicle Formation by Vibrio fischeri. Applied and Environmental Microbiology, 2013, 79, 2069-2080.	1.4	27
895	Tight coupling of polymerization and depolymerization of polyhydroxyalkanoates ensures efficient management of carbon resources in <scp>P</scp>seudomonas putida. Microbial Biotechnology, 2013, 6, 551-563.	2.0	54
896	The insecticidal toxin genes of <scp>Y</scp>ersinia enterocolitica are activated by the thermolabile <scp>LTTR</scp>â€like regulator <scp>TcaR</scp>2 at low temperatures. Molecular Microbiology, 2013, 89, 596-611.	1.2	23
897	Methanobactin and <scp>MmoD</scp> work in concert to act as the â€˜copperâ€switchâ€™ in methanotrophs. Environmental Microbiology, 2013, 15, 3077-3086.	1.8	108
898	Transcriptional activation of the <scp>CrcZ</scp> and <scp>CrcY</scp> regulatory <scp>RNAs</scp> by the <scp>CbrB</scp> response regulator in <scp>P</scp>seudomonas putida. Molecular Microbiology, 2013, 89, 189-205.	1.2	40
899	Proteomic Analysis of the Quorum-Sensing Regulon in Pantoea stewartii and Identification of Direct Targets of EsaR. Applied and Environmental Microbiology, 2013, 79, 6244-6252.	1.4	15
900	Comparative proteomic analysis reveals new components of the PhoP regulon and highlights a role for PhoP in the regulation of genes encoding the F1F0 ATP synthase in Edwardsiella tarda. Microbiology (United Kingdom), 2013, 159, 1340-1351.	0.7	10
901	The Standard European Vector Architecture (SEVA): a coherent platform for the analysis and deployment of complex prokaryotic phenotypes. Nucleic Acids Research, 2013, 41, D666-D675.	6.5	556
902	MiniUIB, a Novel Minitransposon-Based System for Stable Insertion of Foreign DNA into the Genomes of Gram-Negative and Gram-Positive Bacteria. Applied and Environmental Microbiology, 2013, 79, 1629-1638.	1.4	1
903	Tricarboxylic Acid Cycle and One-Carbon Metabolism Pathways Are Important in Edwardsiella ictaluri Virulence. PLoS ONE, 2013, 8, e65973.	1.1	29
904	Divergent Control of Two Type VI Secretion Systems by RpoN in Pseudomonas aeruginosa. PLoS ONE, 2013, 8, e76030.	1.1	70
905	Inoculation Methods of Bradyrhizobium japonicum on Soybean in South-West Area of Japan. , 2013, , .		3
906	The RNA Chaperone Hfq Impacts Growth, Metabolism and Production of Virulence Factors in Yersinia enterocolitica. PLoS ONE, 2014, 9, e86113.	1.1	36
907	Role of MshQ in MSHA pili biosynthesis and biofilm formation of Aeromonas hydrophila. Genetics and Molecular Research, 2014, 13, 8982-8996.	0.3	15
908	Emulsification Properties of Bioemulsifiers Produced by Wild-Type and Mutant Bradyrhizobium elkanii Strains. Journal of Bioremediation & Biodegradation, 2014, 05, .	0.5	8

#	Article	IF	Citations
909	Transposon Mutagenesis. , 0, , 684-708.		1
910	The VgrG Proteins Are â€œÃ la Carteâ€•Delivery Systems for Bacterial Type VI Effectors. Journal of Biological Chemistry, 2014, 289, 17872-17884.	1.6	185
911	Functional and Structural Analysis of HicA3-HicB3, a Novel Toxin-Antitoxin System of Yersinia pestis. Journal of Bacteriology, 2014, 196, 3712-3723.	1.0	28
912	The <scp>Crc</scp> protein inhibits the production of polyhydroxyalkanoates in <scp>P</scp>seudomonas putida under balanced carbon/nitrogen growth conditions. Environmental Microbiology, 2014, 16, 278-290.	1.8	30
913	<scp>YmoA</scp> negatively controls the expression of insecticidal genes in <scp>Y</scp>ersinia enterocolitica. Molecular Microbiology, 2014, 92, 287-301.	1.2	16
914	Azoarcus sp. CIB, an Anaerobic Biodegrader of Aromatic Compounds Shows an Endophytic Lifestyle. PLoS ONE, 2014, 9, e110771.	1.1	49
915	Heterologous functionality and roles of conserved cysteine motifs of the [NiFe]-hydrogenase accessory protein, HupK/HoxV. International Journal of Hydrogen Energy, 2014, 39, 18556-18564.	3.8	1
916	Robustness of Pseudomonas putida KT2440 as a host for ethanol biosynthesis. New Biotechnology, 2014, 31, 562-571.	2.4	62
917	Genetically modified microorganism Spingomonas paucimobilis UT26 for simultaneously degradation of methyl-parathion and Î³-hexachlorocyclohexane. Ecotoxicology, 2014, 23, 840-850.	1.1	19
918	Function of glucose catabolic pathways in hydrogen production from glucose in Rhodobacter sphaeroides 6016. International Journal of Hydrogen Energy, 2014, 39, 4215-4221.	3.8	17
919	A role for the regulator PsrA in the polyhydroxyalkanoate metabolism of Pseudomonas putida KT2440. International Journal of Biological Macromolecules, 2014, 71, 14-20.	3.6	18
920	Flagellar motility contributes to the invasion and survival of Aeromonas hydrophila in Anguilla japonica macrophages. Fish and Shellfish Immunology, 2014, 39, 273-279.	1.6	50
921	Within-Host Evolution of Pseudomonas aeruginosa Reveals Adaptation toward Iron Acquisition from Hemoglobin. MBio, 2014, 5, e00966-14.	1.8	186
922	Cell system engineering to produce extracellular polyhydroxyalkanoate depolymerase with targeted applications. International Journal of Biological Macromolecules, 2014, 71, 28-33.	3.6	17
923	Posttranscriptional Regulation of 2,4-Diacetylphloroglucinol Production by GidA and TrmE in Pseudomonas fluorescens 2P24. Applied and Environmental Microbiology, 2014, 80, 3972-3981.	1.4	20
924	The Third Replicon of Members of the Burkholderia cepacia Complex, Plasmid pC3, Plays a Role in Stress Tolerance. Applied and Environmental Microbiology, 2014, 80, 1340-1348.	1.4	33
925	The succinate dehydrogenase assembly factor, SdhE, is required for the flavinylation and activation of fumarate reductase in bacteria. FEBS Letters, 2014, 588, 414-421.	1.3	32
926	A Biochemical Approach to Study the Role of the Terminal Oxidases in Aerobic Respiration in Shewanella oneidensis MR-1. PLoS ONE, 2014, 9, e86343.	1.1	21

#	Article	IF	Citations
927	Fis overexpression enhances Pseudomonas putida biofilm formation by regulating the ratio of LapA and LapF. Microbiology (United Kingdom), 2014, 160, 2681-2693.	0.7	27
928	The Pyruvate-Tricarboxylic Acid Cycle Node. Journal of Biological Chemistry, 2014, 289, 30114-30132.	1.6	53
929	CpaA a novel protease fromAcinetobacter baumanniiclinical isolates deregulates blood coagulation. FEMS Microbiology Letters, 2014, 356, 53-61.	0.7	45
930	Characterization of a novel two-partner secretion system implicated in the virulence of Pseudomonas aeruginosa. Microbiology (United Kingdom), 2014, 160, 1940-1952.	0.7	23
931	Connection between the membrane electron transport system and Hyn hydrogenase in the purple sulfur bacterium, Thiocapsa roseopersicina BBS. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1691-1698.	0.5	11
932	Volatilization of Arsenic from Polluted Soil by Pseudomonas putida Engineered for Expression of the arsM Arsenic(III) S-Adenosine Methyltransferase Gene. Environmental Science & Technology, 2014, 48, 10337-10344.	4.6	106
933	Genomic analysis of cyclic-di-GMP-related genes in rhizobial type strains and functional analysis in Rhizobium etli. Applied Microbiology and Biotechnology, 2014, 98, 4589-4602.	1.7	23
934	Txc, a New Type II Secretion System of Pseudomonas aeruginosa Strain PA7, Is Regulated by the TtsS/TtsR Two-Component System and Directs Specific Secretion of the CbpE Chitin-Binding Protein. Journal of Bacteriology, 2014, 196, 2376-2386.	1.0	27
935	A Moderate Toxin, GraT, Modulates Growth Rate and Stress Tolerance of Pseudomonas putida. Journal of Bacteriology, 2014, 196, 157-169.	1.0	38
936	Effect of multiple mutations in tricarboxylic acid cycle and one-carbon metabolism pathways on Edwardsiella ictaluri pathogenesis. Veterinary Microbiology, 2014, 169, 107-112.	0.8	8
937	Pseudomonas syringae Evades Host Immunity by Degrading Flagellin Monomers with Alkaline Protease AprA. Molecular Plant-Microbe Interactions, 2014, 27, 603-610.	1.4	68
938	New Transposon Tools Tailored for Metabolic Engineering of Gram-Negative Microbial Cell Factories. Frontiers in Bioengineering and Biotechnology, 2014, 2, 46.	2.0	85
939	Soil Biology. , 2014, , 771-888.		1
940	The putative oligosaccharide translocase SypK connects biofilm formation with quorum signaling in <scp>V</scp> ibrio fischeri . MicrobiologyOpen, 2014, 3, 836-848.	1.2	21
941	The <scp>A</scp>eromonas caviae AHA0618 gene modulates cell length and influences swimming and swarming motility. MicrobiologyOpen, 2015, 4, 220-234.	1.2	4
942	Mining Environmental Plasmids for Synthetic Biology Parts and Devices. Microbiology Spectrum, 2015, 3, PLAS-0033-2014.	1.2	18
943	INTRODUCTION OF A FLUORESCENT PROTEIN GENE INTO A PREY BACTERIUM TO ANALYZE PROTOZOAN PREDATION. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2015, 71, 143-151.	0.1	0
944	Catabolic plasmid specifying polychlorinated biphenyl degradation in Cupriavidus sp. strain SKâ€4: Mobilization and expression in a pseudomonad. Journal of Basic Microbiology, 2015, 55, 338-345.	1.8	5

#	Article	IF	Citations
945	<scp>P</scp>seudomonas corrugata <scp>crpCDE</scp> is part of the cyclic lipopeptide corpeptin biosynthetic gene cluster and is involved in bacterial virulence in tomato and in hypersensitive response in <scp>N</scp>icotiana benthamiana. Molecular Plant Pathology, 2015, 16, 495-506.	2.0	42
946	Characterization of two cation diffusion facilitators NpunF0707 and NpunF1794 in Nostoc punctiforme. Journal of Applied Microbiology, 2015, 119, 1357-1370.	1.4	3
947	Growth on glucose decreases <scp>cAMP</scp>â€<scp>CRP</scp> activity while paradoxically increasing intracellular <scp>cAMP</scp> in the lightâ€organ symbiont <scp>V</scp>ibrio fischeri. Molecular Microbiology, 2015, 97, 1114-1127.	1.2	14
948	FlgN plays important roles in the adhesion of Aeromonas hydrophila to host mucus. Genetics and Molecular Research, 2015, 14, 6376-6386.	0.3	7
949	A Plasmid-Transposon Hybrid Mutagenesis System Effective in a Broad Range of Enterobacteria. Frontiers in Microbiology, 2015, 6, 1442.	1.5	13
950	Modeling Analysis of Signal Sensitivity and Specificity by Vibrio fischeri LuxR Variants. PLoS ONE, 2015, 10, e0126474.	1.1	24
951	The two paralogue <scp>phoN</scp> (phosphinothricin acetyl transferase) genes of <scp>P</scp>seudomonas putida encode functionally different proteins. Environmental Microbiology, 2015, 17, 3330-3340.	1.8	6
952	Molecular Tools to Study Azospirillum sp. and Other Related Plant Growth Promoting Rhizobacteria. , 2015, , 65-82.		0
953	Signature-tagged mutagenesis and co-infection studies demonstrate the importance of P fimbriae in a murine model of urinary tract infection. Pathogens and Disease, 2015, 73, .	0.8	18
954	Role of <scp>D</scp>ickeya dadantii 3937 chemoreceptors in the entry to Arabidopsis leaves through wounds. Molecular Plant Pathology, 2015, 16, 685-698.	2.0	24
955	The loss of function of <scp>PhaC</scp>1 is a survival mechanism that counteracts the stress caused by the overproduction of polyâ€3â€hydroxyalkanoates in <scp>P</scp>seudomonas putidaÎ”<scp>fadBA</scp>. Environmental Microbiology, 2015, 17, 3182-3194.	1.8	4
956	Identification and Characterization of VpsR and VpsT Binding Sites in Vibrio cholerae. Journal of Bacteriology, 2015, 197, 1221-1235.	1.0	68
957	Polymyxin B Resistance and Biofilm Formation in Vibrio cholerae Are Controlled by the Response Regulator CarR. Infection and Immunity, 2015, 83, 1199-1209.	1.0	58
958	Functional coexistence of twin arsenic resistance systems in <scp>P</scp>seudomonas putidaâ€¦<scp>KT</scp>2440. Environmental Microbiology, 2015, 17, 229-238.	1.8	52
959	Photobacterium damselae subsp. damselae Major Virulence Factors Dly, Plasmid-Encoded HlyA, and Chromosome-Encoded HlyA Are Secreted via the Type II Secretion System. Infection and Immunity, 2015, 83, 1246-1256.	1.0	42
960	Tn5/7-lux: a versatile tool for the identification and capture of promoters in Gram-negative bacteria. BMC Microbiology, 2015, 15, 17.	1.3	15
961	NHEJ enzymes LigD and Ku participate in stationary-phase mutagenesis in Pseudomonas putida. DNA Repair, 2015, 31, 11-18.	1.3	17
962	Characterization of the molecular degradation mechanism of diphenyl ethers by Cupriavidus sp. WS. Environmental Science and Pollution Research, 2015, 22, 16914-16926.	2.7	18

#	Article	IF	Citations
963	Tn7-Based Device for Calibrated Heterologous Gene Expression in Pseudomonas putida. ACS Synthetic Biology, 2015, 4, 1341-1351.	1.9	169
964	A Putative Type III Secretion System Effector Encoded by the MA20_12780 Gene in Bradyrhizobium japonicum Is-34 Causes Incompatibility with Rj ₄ Genotype Soybeans. Applied and Environmental Microbiology, 2015, 81, 5812-5819.	1.4	25
965	Identification of Bradyrhizobium elkanii Genes Involved in Incompatibility with Soybean Plants Carrying the Rj4 Allele. Applied and Environmental Microbiology, 2015, 81, 6710-6717.	1.4	62
966	Intraspecies Competition in Serratia marcescens Is Mediated by Type VI-Secreted Rhs Effectors and a Conserved Effector-Associated Accessory Protein. Journal of Bacteriology, 2015, 197, 2350-2360.	1.0	165
967	Identification of a Chemoreceptor for C ₂ and C ₃ Carboxylic Acids. Applied and Environmental Microbiology, 2015, 81, 5449-5457.	1.4	40
968	A novel alanine to serine substitution mutation in SoxS induces overexpression of efflux pumps and contributes to multidrug resistance in clinical Escherichia coli isolates. Journal of Antimicrobial Chemotherapy, 2015, 70, 2228-2233.	1.3	20
969	Genome-wide investigation of the genes involved in nicotine metabolism in Pseudomonas putida J5 by Tn5 transposon mutagenesis. Applied Microbiology and Biotechnology, 2015, 99, 6503-6514.	1.7	14
970	CsrA impacts survival of Yersinia enterocolitica by affecting a myriad of physiological activities. BMC Microbiology, 2015, 15, 31.	1.3	12
971	Antibiotic-Free Selection in Biotherapeutics: Now and Forever. Pathogens, 2015, 4, 157-181.	1.2	70
972	MinD plays an important role in Aeromonas hydrophila adherence to Anguilla japonica mucus. Gene, 2015, 565, 275-281.	1.0	29
973	Development of a dual vaccine for prevention of Brucella abortus infection and Escherichia coli O157:H7 intestinal colonization. Vaccine, 2015, 33, 2248-2253.	1.7	12
974	Succinate dehydrogenase mutant of Listonella anguillarum protects rainbow trout against vibriosis. Vaccine, 2015, 33, 5572-5577.	1.7	8
975	Signaling between two interacting sensor kinases promotes biofilms and colonization by a bacterial symbiont. Molecular Microbiology, 2015, 96, 233-248.	1.2	36
976	Two Catechol Siderophores, Acinetobactin and Amonabactin, Are Simultaneously Produced by Aeromonas salmonicida subsp. salmonicida Sharing Part of the Biosynthetic Pathway. ACS Chemical Biology, 2015, 10, 2850-2860.	1.6	38
977	The ZntA-like NpunR4017 plays a key role in maintaining homeostatic levels of zinc in Nostoc punctiforme. Applied Microbiology and Biotechnology, 2015, 99, 10559-10574.	1.7	5
978	Phobalysin, a Small Î²-Pore-Forming Toxin of Photobacterium damselae subsp. damselae. Infection and Immunity, 2015, 83, 4335-4348.	1.0	40
979	The Glycerol-Dependent Metabolic Persistence of Pseudomonas putida KT2440 Reflects the Regulatory Logic of the GlpR Repressor. MBio, 2015, 6, .	1.8	62
980	NER enzymes maintain genome integrity and suppress homologous recombination in the absence of exogenously induced DNA damage in Pseudomonas putida. DNA Repair, 2015, 25, 15-26.	1.3	6

#	Article	IF	Citations
981	Bright luminescence of <scp>V</scp>ibrio fischeri aconitase mutants reveals a connection between citrate and the <scp>G</scp>ac/<scp>C</scp>sr regulatory system. Molecular Microbiology, 2015, 95, 283-296.	1.2	30
982	Functional analyses of three acylâ€<scp>CoA</scp> synthetases involved in bile acid degradation in <scp>P</scp>seudomonas putidaâ€...<scp>DOC</scp>21. Environmental Microbiology, 2015, 17, 47-63.	1.8	28
983	Hemerythrin is required for Aeromonas hydraphlia to survive in the macrophages of Anguilla japonica. Genetics and Molecular Research, 2016, 15, .	0.3	7
984	A T4SS Effector Targets Host Cell Alpha-Enolase Contributing to Brucella abortus Intracellular Lifestyle. Frontiers in Cellular and Infection Microbiology, 2016, 6, 153.	1.8	22
985	Development of Genetic Tools for the Manipulation of the Planctomycetes. Frontiers in Microbiology, 2016, 7, 914.	1.5	38
986	The Activity of the Pseudomonas aeruginosa Virulence Regulator ÏƒVreI Is Modulated by the Anti-Ïƒ Factor VreR and the Transcription Factor PhoB. Frontiers in Microbiology, 2016, 7, 1159.	1.5	20
987	Cross-Talk between the Aeromonas hydrophila Type III Secretion System and Lateral Flagella System. Frontiers in Microbiology, 2016, 7, 1434.	1.5	13
988	Identification of a Chemoreceptor in Pseudomonas aeruginosa That Specifically Mediates Chemotaxis Toward Î±-Ketoglutarate. Frontiers in Microbiology, 2016, 7, 1937.	1.5	35
989	Biosynthesis of the acetylâ€CoA carboxylaseâ€inhibiting antibiotic, andrimid in Serratia is regulated by Hfq and the LysRâ€type transcriptional regulator, AdmX. Environmental Microbiology, 2016, 18, 3635-3650.	1.8	39
990	Genetic and functional characterization of a novel metaâ€pathway for degradation of naringenin in Herbaspirillum seropedicae SmR1. Environmental Microbiology, 2016, 18, 4653-4661.	1.8	13
991	<scp>McpQ</scp> is a specific citrate chemoreceptor that responds preferentially to citrate/metal ion complexes. Environmental Microbiology, 2016, 18, 3284-3295.	1.8	39
992	The <scp>RNA</scp> chaperone <scp>Hfq</scp> enables the environmental stress tolerance superâ€phenotype of <scp>P</scp>seudomonas putida. Environmental Microbiology, 2016, 18, 3309-3326.	1.8	25
993	Complementation of Arginine Auxotrophy for Genetic Transformation of Coxiella burnetii by Use of a Defined Axenic Medium. Applied and Environmental Microbiology, 2016, 82, 3042-3051.	1.4	64
994	Exploring the Bioactive Landscape of the Gut Microbiota to Identify Metabolites Underpinning Human Health. , 2016, , 49-82.		0
995	Copy number variability of expression plasmids determined by cell sorting and Droplet Digital PCR. Microbial Cell Factories, 2016, 15, 211.	1.9	111
997	Functional redundancy in phenol and toluene degradation in Pseudomonas stutzeri strains isolated from the Baltic Sea. Gene, 2016, 589, 90-98.	1.0	26
998	Structural plasticity and inÂvivo activity of Cas1 from the typeÂI-F CRISPRâ€“Cas system. Biochemical Journal, 2016, 473, 1063-1072.	1.7	8
999	Carboxyspermidine decarboxylase of the prominent intestinal microbiota species Bacteroides thetaiotaomicron is required for spermidine biosynthesis and contributes to normal growth. Amino Acids, 2016, 48, 2443-2451.	1.2	29

#	Article	IF	Citations
1000	Sustainable life support on Mars â€“ the potential roles of cyanobacteria. International Journal of Astrobiology, 2016, 15, 65-92.	0.9	121
1001	Ferric hydroxamate uptake system contributes to Edwardsiella ictaluri virulence. Microbial Pathogenesis, 2016, 100, 195-200.	1.3	12
1002	Rhizosphere selection of Pseudomonas putida KT2440 variants with increased fitness associated to changes in gene expression. Environmental Microbiology Reports, 2016, 8, 842-850.	1.0	6
1003	Self-Regulation and Interplay of Rsm Family Proteins Modulate the Lifestyle of Pseudomonas putida. Applied and Environmental Microbiology, 2016, 82, 5673-5686.	1.4	28
1004	Flagellar motility is necessary for Aeromonas hydrophila adhesion. Microbial Pathogenesis, 2016, 98, 160-166.	1.3	58
1005	The General Stress Response ÏƒS Is Regulated by a Partner Switch in the Gram-negative Bacterium Shewanella oneidensis. Journal of Biological Chemistry, 2016, 291, 26151-26163.	1.6	16
1006	Involvement of tolQ and tolR genes in Edwardsiella ictaluri virulence. Microbial Pathogenesis, 2016, 100, 90-94.	1.3	9
1007	A novel papillation assay for the identification of genes affecting mutation rate in Pseudomonas putida and other pseudomonads. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2016, 790, 41-55.	0.4	3
1008	Responses of Pseudomonas putida to Zinc Excess Determined at the Proteome Level: Pathways Dependent and Independent of ColRS. Journal of Proteome Research, 2016, 15, 4349-4368.	1.8	26
1009	ANALYSIS OF TRICHLOROETHENE DEGRADATION BY PHENOL HYDROXYLASE USING FLUORESCENT PROTEIN AS A REPORTER. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2016, 72, III_275-III_283.	0.1	0
1010	A Modular, Tn 7 -Based System for Making Bioluminescent or Fluorescent Salmonella and Escherichia coli Strains. Applied and Environmental Microbiology, 2016, 82, 4931-4943.	1.4	22
1011	Protection of rainbow trout against yersiniosis by lpxD mutant Yersinia ruckeri. Fish and Shellfish Immunology, 2016, 55, 21-27.	1.6	15
1012	Draft Genome Sequence of Chromobacterium violaceum Strain CV017. Genome Announcements, 2016, 4, .	0.8	5
1013	Photorhabdus luminescensLN2 requiresrpoSfor nematicidal activity and nematode development. FEMS Microbiology Letters, 2016, 363, fnw035.	0.7	5
1014	HupO, a Novel Regulator Involved in Thiosulfate-Responsive Control of HupSL [NiFe]-Hydrogenase Synthesis in Thiocapsa roseopersicina. Applied and Environmental Microbiology, 2016, 82, 2039-2049.	1.4	4
1015	Antisocial luxO Mutants Provide a Stationary-Phase Survival Advantage in Vibrio fischeri ES114. Journal of Bacteriology, 2016, 198, 673-687.	1.0	24
1016	Amino Acid Substitutions Account for Most MexS Alterations in Clinical nfxC Mutants of Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2016, 60, 2302-2310.	1.4	45
1017	Rationally rewiring the connectivity of the XylR/Pu regulatory node of the m-xylene degradation pathway in Pseudomonas putida. Integrative Biology (United Kingdom), 2016, 8, 571-576.	0.6	0

#	Article	IF	Citations
1018	Brucella ovis PA mutants for outer membrane proteins Omp10, Omp19, SP41, and BepC are not altered in their virulence and outer membrane properties. Veterinary Microbiology, 2016, 186, 59-66.	0.8	19
1019	Data on the standardization of a cyclohexanone-responsive expression system for Gram-negative bacteria. Data in Brief, 2016, 6, 738-744.	0.5	17
1020	A ptsP deficiency in PGPR Pseudomonas fluorescens SF39a affects bacteriocin production and bacterial fitness in the wheat rhizosphere. Research in Microbiology, 2016, 167, 178-189.	1.0	25
1021	Marker Exchange Mutagenesis of mxaF , Encoding the Large Subunit of the Mxa Methanol Dehydrogenase, in Methylosinus trichosporium OB3b. Applied and Environmental Microbiology, 2016, 82, 1549-1555.	1.4	24
1022	Synthetic biology and molecular genetics in non-conventional yeasts: Current tools and future advances. Fungal Genetics and Biology, 2016, 89, 126-136.	0.9	166
1023	Genetic programming of catalytic Pseudomonas putida biofilms for boosting biodegradation of haloalkanes. Metabolic Engineering, 2016, 33, 109-118.	3.6	103
1024	Antibiotic combination therapy can select for broad-spectrum multidrug resistance in Pseudomonas aeruginosa. International Journal of Antimicrobial Agents, 2016, 47, 48-55.	1.1	75
1025	A quorum sensingâ€defective mutant of Pectobacterium carotovorum ssp. brasiliense 1692 is attenuated in virulence and unable to occlude xylem tissue of susceptible potato plant stems. Molecular Plant Pathology, 2017, 18, 32-44.	2.0	49
1026	The Two-Component Monooxygenase MeaXY Initiates the Downstream Pathway of Chloroacetanilide Herbicide Catabolism in Sphingomonads. Applied and Environmental Microbiology, 2017, 83, .	1.4	23
1027	Peroxide reduction by a metal-dependent catalase in Nostoc punctiforme (cyanobacteria). Applied Microbiology and Biotechnology, 2017, 101, 3781-3800.	1.7	6
1028	pELMO, an optimised in-house cloning vector. AMB Express, 2017, 7, 26.	1.4	16
1029	Identification of Loci of Pseudomonas syringae pv. actinidiae Involved in Lipolytic Activity and Their Role in Colonization of Kiwifruit Leaves. Phytopathology, 2017, 107, 645-653.	1.1	12
1030	Role of secondary metabolites in the biocontrol activity of Pseudomonas corrugata and Pseudomonas mediterranea. European Journal of Plant Pathology, 2017, 149, 103-115.	0.8	22
1031	Ribose operon repressor (RbsR) contributes to the adhesion of Aeromonas hydrophila to Anguilla japonica mucus. MicrobiologyOpen, 2017, 6, e00451.	1.2	15
1032	Use of Synthetic Hybrid Strains To Determine the Role of Replicon 3 in Virulence of the Burkholderia cepacia Complex. Applied and Environmental Microbiology, 2017, 83, .	1.4	9
1033	Cloning and heterologous expression of chlorophyll a synthase in Rhodobacter sphaeroides. Journal of Basic Microbiology, 2017, 57, 238-244.	1.8	4
1034	The Two-Component Signal Transduction System VxrAB Positively Regulates Vibrio cholerae Biofilm Formation. Journal of Bacteriology, 2017, 199, .	1.0	43
1035	AcuC, a histone deacetylase, contributes to the pathogenicity of Aeromonas hydrophila. MicrobiologyOpen, 2017, 6, e00468.	1.2	12

#	Article	IF	Citations
1036	Ongoing evolution of Pseudomonas aeruginosa PAO1 sublines complicates studies of DNA damage repair and tolerance. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2017, 797-799, 26-37.	0.4	15
1037	Deconvolution of Gene Expression Noise into Spatial Dynamics of Transcription Factorâ€“Promoter Interplay. ACS Synthetic Biology, 2017, 6, 1359-1369.	1.9	39
1038	Chromosome-Encoded Hemolysin, Phospholipase, and Collagenase in Plasmidless Isolates of Photobacterium damselae subsp. damselae Contribute to Virulence for Fish. Applied and Environmental Microbiology, 2017, 83, .	1.4	44
1039	Identification of the Ferric-Acinetobactin Outer Membrane Receptor in Aeromonas salmonicida subsp. salmonicida and Structureâ€“Activity Relationships of Synthetic Acinetobactin Analogues. ACS Chemical Biology, 2017, 12, 479-493.	1.6	12
1040	An Expanded Transposon Mutant Library Reveals that Vibrio fischeri Î´-Aminolevulinate Auxotrophs Can Colonize Euprymna scolopes. Applied and Environmental Microbiology, 2017, 83, .	1.4	9
1041	Citrobacter rodentium Subverts ATP Flux and Cholesterol Homeostasis in Intestinal Epithelial Cells InÂVivo. Cell Metabolism, 2017, 26, 738-752.e6.	7.2	67
1042	Comparative analysis reveals regulatory motifs at the ainS/ainR pheromone-signaling locus of Vibrio fischeri. Scientific Reports, 2017, 7, 11734.	1.6	6
1043	Improving safety of a live attenuated Edwardsiella ictaluri vaccine against enteric septicemia of catfish and evaluation of efficacy. Veterinary Microbiology, 2017, 210, 83-90.	0.8	16
1044	Altered Regulation of the Diguanylate Cyclase YaiC Reduces Production of Type 1 Fimbriae in a Pst Mutant of Uropathogenic Escherichia coli CFT073. Journal of Bacteriology, 2017, 199, .	1.0	21
1045	The Pseudomonas putida CsrA/RsmA homologues negatively affect câ€diâ€GMP pools and biofilm formation through the GGDEF/EAL response regulator CfcR. Environmental Microbiology, 2017, 19, 3551-3566.	1.8	22
1046	Molecular tools and emerging strategies for deep genetic/genomic refactoring of Pseudomonas. Current Opinion in Biotechnology, 2017, 47, 120-132.	3.3	63
1047	Protection of the general stress response Ïƒ S factor by the CrsR regulator allows a rapid and efficient adaptation of Shewanella oneidensis. Journal of Biological Chemistry, 2017, 292, 14921-14928.	1.6	11
1048	An efficient system for the generation of marked genetic mutants in members of the genus Burkholderia. Plasmid, 2017, 89, 49-56.	0.4	18
1049	Engineering Gram-Negative Microbial Cell Factories Using Transposon Vectors. Methods in Molecular Biology, 2017, 1498, 273-293.	0.4	23
1050	An att site-based recombination reporter system for genome engineering and synthetic DNA assembly. BMC Biotechnology, 2017, 17, 62.	1.7	4
1051	The Role of TonB Gene in Edwardsiella ictaluri Virulence. Frontiers in Physiology, 2017, 8, 1066.	1.3	15
1052	Structural dynamics of RbmA governs plasticity of Vibrio cholerae biofilms. ELife, 2017, 6, .	2.8	57
1053	Identification of Bradyrhizobium elkanii Genes Involved in Incompatibility with Vigna radiata. Genes, 2017, 8, 374.	1.0	18

#	Article	IF	Citations
1054	Secreted Citrate Serves as Iron Carrier for the Marine Pathogen Photobacterium damselae subsp damselae. Frontiers in Cellular and Infection Microbiology, 2017, 7, 361.	1.8	22
1055	rstB Regulates Expression of the Photobacterium damselae subsp. damselae Major Virulence Factors Damselysin, Phobalysin P and Phobalysin C. Frontiers in Microbiology, 2017, 08, 582.	1.5	32
1056	DNA Polymerases ImuC and DinB Are Involved in DNA Alkylation Damage Tolerance in Pseudomonas aeruginosa and Pseudomonas putida. PLoS ONE, 2017, 12, e0170719.	1.1	20
1057	Discovery of Calcium as a Biofilm-Promoting Signal for Vibrio fischeri Reveals New Phenotypes and Underlying Regulatory Complexity. Journal of Bacteriology, 2018, 200, .	1.0	50
1058	In vivo repressed genes ofVibrio choleraereveal inverse requirements of an H+/Clâ^'transporter along the gastrointestinal passage. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2376-E2385.	3.3	25
1059	A putative RND-type efflux pump, H239_3064, contributes to colistin resistance through CrrB in Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2018, 73, 1509-1516.	1.3	40
1060	Vibrio fischeri DarR Directs Responses to d -Aspartate and Represents a Group of Similar LysR-Type Transcriptional Regulators. Journal of Bacteriology, 2018, 200, .	1.0	9
1061	Histamine catabolism in Pseudomonas putida U: identification of the genes, catabolic enzymes and regulators. Environmental Microbiology, 2018, 20, 1828-1841.	1.8	11
1062	Broad-Spectrum Regulation of Nonreceptor Tyrosine Kinases by the Bacterial ADP-Ribosyltransferase EspJ. MBio, 2018, 9, .	1.8	21
1063	Construction and evaluation of type <scp>III</scp> secretion system mutants of the catfish pathogen Edwardsiella piscicida. Journal of Fish Diseases, 2018, 41, 805-816.	0.9	19
1064	Repression of VvpM Protease Expression by Quorum Sensing and the cAMP-cAMP Receptor Protein Complex in Vibrio vulnificus. Journal of Bacteriology, 2018, 200, .	1.0	3
1065	Genetically Modified Organisms and Its Impact on the Enhancement of Bioremediation. Energy, Environment, and Sustainability, 2018, , 53-76.	0.6	16
1066	Bioremediation: Applications for Environmental Protection and Management. Energy, Environment, and Sustainability, 2018, , .	0.6	16
1067	Functional analysis of arginine decarboxylase gene speA of Bacteroides dorei by markerless gene deletion. FEMS Microbiology Letters, 2018, 365, .	0.7	8
1068	A novel enzyme of type VI sulfide:quinone oxidoreductases in purple sulfur photosynthetic bacteria. Applied Microbiology and Biotechnology, 2018, 102, 5133-5147.	1.7	17
1069	Catalase A is involved in the response to photooxidative stress in Pseudomonas aeruginosa. Photodiagnosis and Photodynamic Therapy, 2018, 22, 233-240.	1.3	20
1070	Specific features of l-histidine production by Escherichia coli concerned with feedback control of AICAR formation and inorganic phosphate/metal transport. Microbial Cell Factories, 2018, 17, 42.	1.9	15
1071	Novel Metabolic Pathway for N -Methylpyrrolidone Degradation in Alicycliphilus sp. Strain BQ1. Applied and Environmental Microbiology, 2018, 84, .	1.4	8

#	Article	IF	Citations
1072	The virulence and immune protection of Edwardsiella ictaluri HemR mutants in catfish. Fish and Shellfish Immunology, 2018, 72, 153-160.	1.6	13
1073	Mutations in Gene fusA1 as a Novel Mechanism of Aminoglycoside Resistance in Clinical Strains of Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	61
1074	Differential roles for ArcA and ArcB homologues in swarming motility in Serratia marcescens FS14. Antonie Van Leeuwenhoek, 2018, 111, 609-617.	0.7	13
1075	Genomeâ€wide identification of tolerance mechanisms toward pâ€coumaric acid in Pseudomonas putida. Biotechnology and Bioengineering, 2018, 115, 762-774.	1.7	64
1076	Cytotoxin- and Chemotaxis-Genes Cooperate to Promote Adhesion of Photobacterium damselae subsp. damselae. Frontiers in Microbiology, 2018, 9, 2996.	1.5	12
1077	Universal Stress Proteins Contribute Edwardsiella ictaluri Virulence in Catfish. Frontiers in Microbiology, 2018, 9, 2931.	1.5	3
1078	Structural insights into the function of type VI secretion system TssA subunits. Nature Communications, 2018, 9, 4765.	5.8	41
1079	Engineering a light-responsive, quorum quenching biofilm to mitigate biofouling on water purification membranes. Science Advances, 2018, 4, eaau1459.	4.7	59
1080	Involvement of transcription-coupled repair factor Mfd and DNA helicase UvrD in mutational processes in Pseudomonas putida. DNA Repair, 2018, 72, 18-27.	1.3	11
1081	Development and Characterization of a Novel Live Attenuated Vaccine Against Enteric Septicemia of Catfish. Frontiers in Microbiology, 2018, 9, 1819.	1.5	23
1082	Host-associated niche metabolism controls enteric infection through fine-tuning the regulation of type 3 secretion. Nature Communications, 2018, 9, 4187.	5.8	41
1083	A new functional biofilm biocatalyst for the simultaneous removal of dibenzothiophene and quinoline using Rhodococcus rhodochrous and curli amyloid overproducer mutants derived from Cobetia sp. strain MM1IDA2H-1. Biotechnology Reports (Amsterdam, Netherlands), 2018, 20, e00286.	2.1	4
1084	Small membranous proteins of the TorE/NapE family, crutches for cognate respiratory systems in Proteobacteria. Scientific Reports, 2018, 8, 13576.	1.6	15
1085	Contribution of the Siderophores Pyoverdine and Enantio-Pyochelin to Fitness in Soil of Pseudomonas protegens Pf-5. Current Microbiology, 2018, 75, 1560-1565.	1.0	24
1086	An Iterative, Synthetic Approach To Engineer a High-Performance PhoB-Specific Reporter. Applied and Environmental Microbiology, 2018, 84, .	1.4	8
1087	Refactoring the upper sugar metabolism of Pseudomonas putida for co-utilization of cellobiose, xylose, and glucose. Metabolic Engineering, 2018, 48, 94-108.	3.6	86
1088	Pseudomonas syringaepv. tomato exploits light signals to optimize virulence and colonization of leaves. Environmental Microbiology, 2018, 20, 4261-4280.	1.8	23
1089	Temperature-Dependent Gene Expression in Yersinia ruckeri: Tracking Specific Genes by Bioluminescence During in Vivo Colonization. Frontiers in Microbiology, 2018, 9, 1098.	1.5	14

#	Article	IF	Citations
1090	Techniques for chromosomal integration and expression optimization in Escherichia coli. Biotechnology and Bioengineering, 2018, 115, 2467-2478.	1.7	26
1091	Building a genome engineering toolbox in nonmodel prokaryotic microbes. Biotechnology and Bioengineering, 2018, 115, 2120-2138.	1.7	23
1092	NtrC Adds a New Node to the Complex Regulatory Network of Biofilm Formation and vps Expression in Vibrio cholerae. Journal of Bacteriology, 2018, 200, .	1.0	18
1093	The Siderophore Piscibactin Is a Relevant Virulence Factor for Vibrio anguillarum Favored at Low Temperatures. Frontiers in Microbiology, 2018, 9, 1766.	1.5	40
1094	Monitoring plasmid-mediated horizontal gene transfer in microbiomes: recent advances and future perspectives. Plasmid, 2018, 99, 56-67.	0.4	53
1095	Activity of a Holin-Endolysin System in the Insecticidal Pathogenicity Island of Yersinia enterocolitica. Journal of Bacteriology, 2018, 200, .	1.0	9
1096	Generation and In Vivo Characterization of Tn5-Induced Biofilm Mutants of Vibrio cholerae O139. Current Microbiology, 2018, 75, 1324-1333.	1.0	2
1097	Hydrolase CehA and Monooxygenase CfdC Are Responsible for Carbofuran Degradation in Sphingomonas sp. Strain CDS-1. Applied and Environmental Microbiology, 2018, 84, .	1.4	32
1098	Production of Norspermidine Contributes to Aminoglycoside Resistance in pmrAB Mutants of Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	18
1099	Pseudomonas aeruginosa possesses three distinct systems for sensing and using the host molecule haem. Environmental Microbiology, 2019, 21, 4629-4647.	1.8	42
1100	Delivery of the Pseudomonas aeruginosa Phospholipase Effectors PldA and PldB in a VgrG- and H2-T6SS-Dependent Manner. Frontiers in Microbiology, 2019, 10, 1718.	1.5	47
1101	Transposon Mutagenesis of Foodborne Pathogenic Escherichia coli. Methods in Molecular Biology, 2019, 2016, 73-80.	0.4	0
1102	The gfc operon is involved in the formation of the O antigen capsule in Aeromonas hydrophila and contributes to virulence in channel catfish. Aquaculture, 2019, 512, 734334.	1.7	12
1103	Rare Earth Element (REE)-Dependent Growth of Pseudomonas putida KT2440 Relies on the ABC-Transporter PedA1A2BC and Is Influenced by Iron Availability. Frontiers in Microbiology, 2019, 10, 2494.	1.5	15
1104	The Outer Membrane Protein FstC of Aeromonas salmonicida subsp. salmonicida Acts as Receptor for Amonabactin Siderophores and Displays a Wide Ligand Plasticity. Structureâ€“Activity Relationships of Synthetic Amonabactin Analogues. ACS Infectious Diseases, 2019, 5, 1936-1951.	1.8	8
1105	Burkholderia cenocepacia utilizes a type VI secretion system for bacterial competition. MicrobiologyOpen, 2019, 8, e774.	1.2	36
1106	Arginine Biosynthesis Modulates Pyoverdine Production and Release in Pseudomonas putida as Part of the Mechanism of Adaptation to Oxidative Stress. Journal of Bacteriology, 2019, 201, .	1.0	26
1107	The RstAB System Impacts Virulence, Motility, Cell Morphology, Penicillin Tolerance and Production of Type II Secretion System-Dependent Factors in the Fish and Human Pathogen Photobacterium damselae subsp. damselae. Frontiers in Microbiology, 2019, 10, 897.	1.5	17

#	Article	IF	Citations
1108	Identification and characterization of FtsH mediating in vivo colonization and stress adaptation in the fish pathogen Edwardsiella piscicida. FEMS Microbiology Letters, 2019, 366, .	0.7	4
1109	The Pseudomonas aeruginosa T6SS Delivers a Periplasmic Toxin that Disrupts Bacterial Cell Morphology. Cell Reports, 2019, 29, 187-201.e7.	2.9	82
1110	yqhG Contributes to Oxidative Stress Resistance and Virulence of Uropathogenic Escherichia coli and Identification of Other Genes Altering Expression of Type 1 Fimbriae. Frontiers in Cellular and Infection Microbiology, 2019, 9, 312.	1.8	18
1111	Virulence Factor Identification in the Banana Pathogen Dickeya zeae MS2. Applied and Environmental Microbiology, 2019, 85, .	1.4	15
1112	Response of the Biocontrol Agent Pseudomonas pseudoalcaligenes AVO110 to Rosellinia necatrix Exudate. Applied and Environmental Microbiology, 2019, 85, .	1.4	5
1113	The Pseudomonas syringae pv. tomato DC3000 PSPTO_0820 multidrug transporter is involved in resistance to plant antimicrobials and bacterial survival during tomato plant infection. PLoS ONE, 2019, 14, e0218815.	1.1	16
1114	Application of leucine dehydrogenase Bcd from Bacillus subtilis for l-valine synthesis in Escherichia coli under microaerobic conditions. Heliyon, 2019, 5, e01406.	1.4	12
1115	The TonB_m-PocAB System Is Required for Maintenance of Membrane Integrity and Polar Position of Flagella in Pseudomonas putida. Journal of Bacteriology, 2019, 201, .	1.0	15
1116	Characterization of a Transposon Tn5-Generated Mutant of Yersinia pestis Defective in Lipooligosaccharide Biosynthesis. Biochemistry (Moscow), 2019, 84, 398-406.	0.7	3
1117	Salmonella Translocated Effectors Recruit OSBP1 to the Phagosome to Promote Vacuolar Membrane Integrity. Cell Reports, 2019, 27, 2147-2156.e5.	2.9	28
1118	Infection Assay for Xanthomonas campestris pv. campestris in Arabidopsis thaliana Mimicking Natural Entry via Hydathodes. Methods in Molecular Biology, 2019, 1991, 159-185.	0.4	2
1120	Identification and Characterization of oriT and Two Mobilization Genes Required for Conjugative Transfer of Salmonella Genomic Island 1. Frontiers in Microbiology, 2019, 10, 457.	1.5	23
1121	Quantitative contribution of efflux to multi-drug resistance of clinical Escherichia coli and Pseudomonas aeruginosa strains. EBioMedicine, 2019, 41, 479-487.	2.7	37
1122	Within-Host Adaptation Mediated by Intergenic Evolution in Pseudomonas aeruginosa. Genome Biology and Evolution, 2019, 11, 1385-1397.	1.1	53
1123	Pattern analysis of conditional essentiality (PACE)-based heuristic identification of an in vivo colonization determinant as a novel target for the construction of a live attenuated vaccine against Edwardsiella piscicida. Fish and Shellfish Immunology, 2019, 90, 65-72.	1.6	12
1124	Genomic analyses of two Alteromonas stellipolaris strains reveal traits with potential biotechnological applications. Scientific Reports, 2019, 9, 1215.	1.6	16
1125	Concentration Dependent Effect of Plant Root Exudates on the Chemosensory Systems of Pseudomonas putida KT2440. Frontiers in Microbiology, 2019, 10, 78.	1.5	37
1126	New two-component regulatory system required for the constitutive expression of bph operon in Cupriavidus basilensis WS. Applied Microbiology and Biotechnology, 2019, 103, 3099-3109.	1.7	0

#	Article	IF	Citations
1127	The Prophages of Citrobacter rodentium Represent a Conserved Family of Horizontally Acquired Mobile Genetic Elements Associated with Enteric Evolution towards Pathogenicity. Journal of Bacteriology, 2019, 201, .	1.0	19
1128	Comparative Genomics of Aeromonas hydrophila Secretion Systems and Mutational Analysis of hcp1 and vgrG1 Genes From T6SS. Frontiers in Microbiology, 2018, 9, 3216.	1.5	20
1129	Testosterone Degradative Pathway of Novosphingobium tardaugens. Genes, 2019, 10, 871.	1.0	30
1130	Loss of Serine-Type D-Ala-D-Ala Carboxypeptidase DacA Enhances Prodigiosin Production in Serratia marcescens. Frontiers in Bioengineering and Biotechnology, 2019, 7, 367.	2.0	18
1131	The Cyclic AMP Receptor Protein Regulates Quorum Sensing and Global Gene Expression in Yersinia pestis during Planktonic Growth and Growth in Biofilms. MBio, 2019, 10, .	1.8	24
1132	Increased Isoprene Production by the Recombinant Pantoea ananatis Strain due to the Balanced Amplification of Mevalonate Pathway Genes. Applied Biochemistry and Microbiology, 2019, 55, 850-860.	0.3	3
1133	Mutational analysis of gene function in the Anaplasmataceae: Challenges and perspectives. Ticks and Tick-borne Diseases, 2019, 10, 482-494.	1.1	6
1134	Distinct Modes of Promoter Recognition by Two Iron Starvation Ïƒ Factors with Overlapping Promoter Specificities. Journal of Bacteriology, 2019, 201, .	1.0	4
1135	High-Resolution Comparison of Bacterial Conjugation Frequencies. Journal of Visualized Experiments, 2019, , .	0.2	7
1136	Evolving metabolism of 2,4â€dinitrotoluene triggers SOSâ€independent diversification of host cells. Environmental Microbiology, 2019, 21, 314-326.	1.8	13
1137	Silencing of cyt-c4 led to decrease of biofilm formation in Aeromonas hydrophila. Bioscience, Biotechnology and Biochemistry, 2019, 83, 221-232.	0.6	4
1138	Control of pellicle biogenesis involves the diguanylate cyclases PdgA and PdgB, the câ€diâ€GMP binding protein MxdA and the chemotaxis response regulator CheY3 in Shewanella oneidensis. Environmental Microbiology, 2019, 21, 81-97.	1.8	12
1139	Citrobacter rodentium induces rapid and unique metabolic and inflammatory responses in mice suffering from severe disease. Cellular Microbiology, 2020, 22, e13126.	1.1	22
1140	Characterization of the bacteriocins and the PrtR regulator in a plant-associated Pseudomonas strain. Journal of Biotechnology, 2020, 307, 182-192.	1.9	13
1141	Integration Host Factor IHF facilitates homologous recombination and mutagenic processes in Pseudomonas putida. DNA Repair, 2020, 85, 102745.	1.3	7
1142	Edwardsiella ictaluri evpP is required for colonisation of channel catfish ovary cells and necrosis in anterior kidney macrophages. Cellular Microbiology, 2020, 22, e13135.	1.1	10
1143	Flocking asbestos waste, an iron and magnesium source for Pseudomonas. Science of the Total Environment, 2020, 709, 135936.	3.9	8
1144	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. Nature Microbiology, 2020, 5, 126-140.	5.9	164

#	Article	IF	Citations
1145	Evidence for Pentapeptide-Dependent and Independent CheB Methylesterases. International Journal of Molecular Sciences, 2020, 21, 8459.	1.8	5
1146	The marine bivalve molluscs pathogen Vibrio neptunius produces the siderophore amphibactin, which is widespread in molluscs microbiota. Environmental Microbiology, 2020, 22, 5467-5482.	1.8	7
1147	The phosphorylated regulator of chemotaxis is crucial throughout biofilm biogenesis in Shewanella oneidensis. Npj Biofilms and Microbiomes, 2020, 6, 54.	2.9	9
1148	Unraveling the 17Î²-Estradiol Degradation Pathway in Novosphingobium tardaugens NBRC 16725. Frontiers in Microbiology, 2020, 11, 588300.	1.5	29
1149	Bacteriophage host range evolution through engineered enrichment bias, exploiting heterologous surface receptor expression. Environmental Microbiology, 2020, 22, 5207-5221.	1.8	6
1150	Formation of new PHE plasmids in pseudomonads in a phenol-polluted environment. Plasmid, 2020, 110, 102504.	0.4	4
1151	Developing a Universal and Efficient Method for the Rapid Selection of Stable Fluorescent Protein-Tagged Pathogenic Vibrio Species. Journal of Marine Science and Engineering, 2020, 8, 804.	1.2	1
1152	Resorcinol Hydroxylase of Azoarcus anaerobius: Molybdenum Dependence, Activity, and Heterologous Expression. Current Microbiology, 2020, 77, 3385-3396.	1.0	4
1153	Arginine as an environmental and metabolic cue for cyclic diguanylate signalling and biofilm formation in Pseudomonas putida. Scientific Reports, 2020, 10, 13623.	1.6	22
1154	Isolation of An Erythromycin-Resistant (Putative) Gene From Bacillus Halodurans CM1. IOP Conference Series: Earth and Environmental Science, 2020, 572, 012017.	0.2	0
1155	Diverse Horizontally-Acquired Gene Clusters Confer Sucrose Utilization to Different Lineages of the Marine Pathogen Photobacterium damselae subsp. damselae. Genes, 2020, 11, 1244.	1.0	4
1156	Novel Toxin-Antitoxin Module SlvT-SlvA Regulates Megaplasmid Stability and Incites Solvent Tolerance in Pseudomonas putida S12. Applied and Environmental Microbiology, 2020, 86, .	1.4	9
1157	Antibiotics: A Bibliometric Analysis of Top 100 Classics. Antibiotics, 2020, 9, 219.	1.5	27
1158	Characterization of Context-Dependent Effects on Synthetic Promoters. Frontiers in Bioengineering and Biotechnology, 2020, 8, 551.	2.0	14
1159	<scp>ArsH</scp> protects Pseudomonas putida from oxidative damage caused by exposure to arsenic. Environmental Microbiology, 2020, 22, 2230-2242.	1.8	28
1160	Multifunctional SEVA shuttle vectors for actinomycetes and Gramâ€negative bacteria. MicrobiologyOpen, 2020, 9, 1135-1149.	1.2	12
1161	An Edwardsiella piscicida esaS mutant reveals contribution to virulence and vaccine potential. Microbial Pathogenesis, 2020, 143, 104108.	1.3	2
1162	Environmental Performance of Pseudomonas putida with a Uracylated Genome. ChemBioChem, 2020, 21, 3255-3265.	1.3	3

#	Article	IF	Citations
1163	Fast, Simultaneous Tagging and Mutagenesis of Genes on Bacterial Chromosomes. ACS Synthetic Biology, 2020, 9, 2203-2207.	1.9	1
1164	Solving the Puzzle: Connecting a Heterologous Agrobacterium tumefaciens T6SS Effector to a Pseudomonas aeruginosa Spike Complex. Frontiers in Cellular and Infection Microbiology, 2020, 10, 291.	1.8	10
1165	Manipulating the type VI secretion system spike to shuttle passenger proteins. PLoS ONE, 2020, 15, e0228941.	1.1	18
1166	LysR-Type Transcriptional Regulator MetR Controls Prodigiosin Production, Methionine Biosynthesis, Cell Motility, H ₂ O ₂ Tolerance, Heat Tolerance, and Exopolysaccharide Synthesis in Serratia marcescens. Applied and Environmental Microbiology, 2020, 86, .	1.4	31
1167	Recording mobile DNA in the gut microbiota using an Escherichia coli CRISPR-Cas spacer acquisition platform. Nature Communications, 2020, 11, 95.	5.8	47
1168	Non-essentiality of canonical cell division genes in the planctomycete Planctopirus limnophila. Scientific Reports, 2020, 10, 66.	1.6	26
1169	Factors Required for Adhesion of Salmonella enterica Serovar Typhimurium to Corn Salad (Valerianella locusta). Applied and Environmental Microbiology, 2020, 86, .	1.4	22
1170	Dissecting the Polyhydroxyalkanoate-Binding Domain of the PhaF Phasin: Rational Design of a Minimized Affinity Tag. Applied and Environmental Microbiology, 2020, 86, .	1.4	7
1171	Regulator RcsB Controls Prodigiosin Synthesis and Various Cellular Processes in Serratia marcescens JNB5-1. Applied and Environmental Microbiology, 2021, 87, .	1.4	13
1172	Mechanisms of Resistance to Ceftolozane/Tazobactam in Pseudomonas aeruginosa: Results of the GERPA Multicenter Study. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	35
1173	Insights into the catalytic mechanism of type VI sulfide:quinone oxidoreductases. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148337.	0.5	4
1174	Lon Protease- and Temperature-Dependent Activity of a Lysis Cassette Located in the Insecticidal Island of Yersinia enterocolitica. Journal of Bacteriology, 2021, 203, .	1.0	3
1175	Seed treatment with prodigiosin controls damping-off of cucumber caused by Pythium ultimum. AMB Express, 2021, 11, 10.	1.4	6
1176	IncC helper dependent plasmid-like replication of Salmonella Genomic Island 1. Nucleic Acids Research, 2021, 49, 832-846.	6.5	13
1177	Peptidoglycan-Binding Anchor Is a Pseudomonas aeruginosa OmpA Family Lipoprotein With Importance for Outer Membrane Vesicles, Biofilms, and the Periplasmic Shape. Frontiers in Microbiology, 2021, 12, 639582.	1.5	18
1179	Type III secretion system effectors form robust and flexible intracellular virulence networks. Science, 2021, 371, .	6.0	50
1180	Targeted Genome Reduction of Pseudomonas aeruginosa Strain PAO1 Led to the Development of Hypovirulent and Hypersusceptible rDNA Hosts. Frontiers in Bioengineering and Biotechnology, 2021, 9, 640450.	2.0	4
1181	Elucidating Essential Genes in Plant-Associated Pseudomonas protegens Pf-5 Using Transposon Insertion Sequencing. Journal of Bacteriology, 2021, 203, .	1.0	11

#	Article	IF	Citations
1182	Comparative transcriptome analysis reveals metabolic regulation of prodigiosin in Serratia marcescens. Systems Microbiology and Biomanufacturing, 2021, 1, 323-335.	1.5	4
1183	Genomic insights into the potent antifungal activity of B. ambifaria T16. Biological Control, 2021, 155, 104530.	1.4	6
1184	The Vibriolysin-Like Protease VnpA and the Collagenase ColA Are Required for Full Virulence of the Bivalve Mollusks Pathogen Vibrio neptunius. Antibiotics, 2021, 10, 391.	1.5	4
1185	Virulence and live vaccine potential of EdwardsiellapiscicidaphoP and phoQ mutants in catfish against edwardsiellosis. Journal of Fish Diseases, 2021, 44, 1463-1474.	0.9	5
1186	Combining two optimized and affordable methods to assign chemoreceptors to a specific signal. Analytical Biochemistry, 2021, 620, 114139.	1.1	11
1187	Investigation of Burkholderia cepacia Complex Methylomes via Single-Molecule, Real-Time Sequencing and Mutant Analysis. Journal of Bacteriology, 2021, 203, e0068320.	1.0	4
1188	Rapid Genome Modification in Serratia marcescens Through Red Homologous Recombination. Applied Biochemistry and Biotechnology, 2021, 193, 2916-2931.	1.4	2
1189	Hemolysin Co-regulated Family Proteins Hcp1 and Hcp2 Contribute to Edwardsiella ictaluri Pathogenesis. Frontiers in Veterinary Science, 2021, 8, 681609.	0.9	7
1190	RpoS Activates the Prodigionsin Production by Activating the Transcription of the RpoS-Dependent Pig Gene Cluster in Serratia marcescens FS14. Indian Journal of Microbiology, 2021, 61, 355-363.	1.5	3
1191	Expression of the ISPpu9 transposase of Pseudomonas putida KT2440 is regulated by two small RNAs and the secondary structure of the mRNA 5â€²-untranslated region. Nucleic Acids Research, 2021, 49, 9211-9228.	6.5	1
1192	Host-Like Conditions Are Required for T6SS-Mediated Competition among Vibrio fischeri Light Organ Symbionts. MSphere, 2021, 6, e0128820.	1.3	13
1193	Activation of the Type VI Secretion System in the Squid Symbiont Vibrio fischeri Requires the Transcriptional Regulator TasR and the Structural Proteins TssM and TssA. Journal of Bacteriology, 2021, 203, e0039921.	1.0	11
1194	Development of Auxotrophic Agrobacterium tumefaciens AGL1 by Tn5 Transposon for Rice (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	5
1195	Synthesis of aromatic amino acids from 2G lignocellulosic substrates. Microbial Biotechnology, 2021, 14, 1931-1943.	2.0	5
1197	The Molecular Basis of Acinetobacter baumannii Cadmium Toxicity and Resistance. Applied and Environmental Microbiology, 2021, 87, e0171821.	1.4	9
1198	BACTERIAL GRAZING-RESISTANCE DEVELOPED DURING CO-EXISTENCE WITH A BACTERIVOROUS PROTIST. Journal of Japan Society of Civil Engineers, 2021, 9, 86-93.	0.1	0
1199	Genomic Features of Pseudomonas putida Strain KT2440. , 2004, , 77-112.		11
1200	Potential of Toluene-Degrading Systems for the Construction of Hybrid Pathways for Nitrotoluene Metabolism. , 1995, , 53-68.		14

#	Article	IF	Citations
1201	Genetic Manipulations of Members of the Family Pasteurellaceae. , 1995, , 187-195.		2
1202	Isolation of Nucleoside Permeases from Escherichia Coli. Advances in Experimental Medicine and Biology, 1991, 309A, 439-442.	0.8	2
1203	Chromosomal Integration of Transcriptional Fusions. Methods in Molecular Biology, 2014, 1149, 479-489.	0.4	7
1204	Promoter Fusions with Optical Outputs in Individual Cells and in Populations. Methods in Molecular Biology, 2014, 1149, 579-590.	0.4	1
1205	Mutagenesis of Vibrio fischeri and Other Marine Bacteria Using Hyperactive Mini-Tn5 Derivatives. Methods in Molecular Biology, 2019, 2016, 87-104.	0.4	6
1206	Bioluminescent Imaging of Bacterial Biofilm Infections In Vivo. , 2008, 431, 225-239.		13
1207	Plasmid-Mediated Bioaugmentation of Wastewater Microbial Communities in a Laboratory-Scale Bioreactor. Methods in Molecular Biology, 2010, 599, 185-200.	0.4	5
1208	Protocols for the Characterization of Solvent Tolerant Microorganisms: Construction and Characterization of Mutants. , 2010, , 3957-3967.		1
1209	Shigella Lipopolysaccharide: Structure, Genetics, and Vaccine Development. Current Topics in Microbiology and Immunology, 1992, 180, 45-64.	0.7	26
1210	Extraction of DNA from the Phyllosphere. , 1995, , 89-109.		12
1211	DNA ADP-Ribosylation Stalls Replication and Is Reversed by RecF-Mediated Homologous Recombination and Nucleotide Excision Repair. Cell Reports, 2020, 30, 1373-1384.e4.	2.9	33
1212	Co-regulation by bent DNA. Functional substitutions of the integration host factor site at sigma 54-dependent promoter Pu of the upper-TOL operon by intrinsically curved sequences.. Journal of Biological Chemistry, 1994, 269, 22657-22662.	1.6	55
1214	Comparison of a range of green fluorescent protein-tagging vectors for monitoring a microbial inoculant in soil. Letters in Applied Microbiology, 2001, 32, 26-30.	1.0	23
1215	Towards safer vectors for the field release of recombinant bacteria. Environmental Biosafety Research, 2002, 1, 9-18.	1.1	42
1217	Adaptive Divergence in Experimental Populations ofPseudomonas fluorescens. I. Genetic and Phenotypic Bases of Wrinkly Spreader Fitness. Genetics, 2002, 161, 33-46.	1.2	257
1218	xylUW, Two Genes at the Start of the upper Pathway Operon of TOL Plasmid Pwwo, Appear to Play no Essential Part in Determining its Catabolic Phenotype. Microbiology (United Kingdom), 1997, 143, 101-107.	0.7	32
1219	Temperature regulation of protease in Pseudomonas fluorescens LS107d2 by an ECF sigma factor and a transmembrane activator The GenBank accession numbers for the sequences reported in this paper are AF228766 and AF228767.. Microbiology (United Kingdom), 2000, 146, 3149-3155.	0.7	49
1220	The Burkholderia cepacia fur gene: co-localization with omlA and absence of regulation by iron The GenBank accession numbers for the sequences reported in this paper are AF317836 and AF153356.. Microbiology (United Kingdom), 2001, 147, 1303-1314.	0.7	25

#	Article	IF	Citations
1221	The osmotic stress response and virulence in pyelonephritis isolates of Escherichia coli: contributions of RpoS, ProP, ProU and other systems The GenBank accession numbers for the DNA sequences of the rpoS loci in E. coli strains HU734 and CFT073 are AF275947 and AF270497, respectively.. Microbiology (United Kingdom), 2001, 147, 1657-1670.	0.7	67
1222	Growth medium composition-determined regulatory mechanisms are superimposed on CatR-mediated transcription from the pheBA and catBCA promoters in Pseudomonas putida. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	24
1223	Analysis of transcription of the bph locus of Burkholderia sp. strain LB400 and evidence that the ORF0 gene product acts as a regulator of the bphA1 promoter. Microbiology (United Kingdom), 2001, 147, 2169-2182.	0.7	23
1224	Unusual location of two nearby pairs of upstream activating sequences for HbpR, the main regulatory protein for the 2-hydroxybiphenyl degradation pathway of â€˜Pseudomonas azelaicaâ€™ HBP1. Microbiology (United Kingdom), 2001, 147, 2183-2194.	0.7	15
1225	Regulation of polyphenol oxidase activities and melanin synthesis in Marinomonas mediterranea: identification of ppoS, a gene encoding a sensor histidine kinase a aThe GenBank accession number for the sequence reported in this paper is AF398464.. Microbiology (United Kingdom), 2002, 148, 2457-2466.	0.7	23
1226	Constructs for insertional mutagenesis, transcriptional signal localization and gene regulation studies in root nodule and other bacteria. Microbiology (United Kingdom), 1999, 145, 1307-1316.	0.7	114
1227	Pigments influence the tolerance of Pseudomonas aeruginosa PAO1 to photodynamically induced oxidative stress. Microbiology (United Kingdom), 2015, 161, 2298-2309.	0.7	58
1228	The phenotypic evolution of Pseudomonas aeruginosa populations changes in the presence of subinhibitory concentrations of ciprofloxacin. Microbiology (United Kingdom), 2016, 162, 865-875.	0.7	30
1229	Honey-sensitive Pseudomonas aeruginosa mutants are impaired in catalase A. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	6
1230	Response to photo-oxidative stress of Pseudomonas aeruginosa PAO1 mutants impaired in different functions. Microbiology (United Kingdom), 2017, 163, 1557-1567.	0.7	8
1231	Intergenic evolution during host adaptation increases expression of the metallophore pseudopaline in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2018, 164, 1038-1047.	0.7	10
1232	PAAR proteins act as the â€˜sorting hatâ€™ of the type VI secretion system. Microbiology (United Kingdom), 2019, 165, 1203-1218.	0.7	38
1233	Role of the phosphopantetheinyltransferase enzyme, PswP, in the biosynthesis of antimicrobial secondary metabolites by Serratia marcescens Db10. Microbiology (United Kingdom), 2014, 160, 1609-1617.	0.7	20
1234	A global modulatory role for the Yersinia enterocolitica H-NS protein. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.7	46
1244	Mining Environmental Plasmids for Synthetic Biology Parts and Devices. , 0, , 633-649.		2
1245	Conjugational transfer of recombinant DNA in cultures and in soils: host range of Pseudomonas putida TOL plasmids. Applied and Environmental Microbiology, 1991, 57, 3020-3027.	1.4	100
1246	Conditional-Suicide Containment System for Bacteria Which Mineralize Aromatics. Applied and Environmental Microbiology, 1991, 57, 1504-1508.	1.4	89
1247	Expression and transfer of engineered catabolic pathways harbored by Pseudomonas spp. introduced into activated sludge microcosms. Applied and Environmental Microbiology, 1992, 58, 3380-3386.	1.4	92

#	Article	IF	Citations
1248	A substrate-dependent biological containment system for Pseudomonas putida based on the Escherichia coli gef gene. Applied and Environmental Microbiology, 1993, 59, 3713-3717.	1.4	70
1249	Development of field application vectors for bioremediation of soils contaminated with polychlorinated biphenyls. Applied and Environmental Microbiology, 1993, 59, 1735-1741.	1.4	36
1250	Stable Tagging of Rhizobium meliloti with the Firefly Luciferase Gene for Environmental Monitoring. Applied and Environmental Microbiology, 1993, 59, 2511-2519.	1.4	35
1251	Bacteriophage Lambda as a Delivery Vector for Tn 10 -Derived Transposons in Xenorhabdus bovienii. Applied and Environmental Microbiology, 1993, 59, 3050-3055.	1.4	11
1252	Pseudomonas putida Strains Which Constitutively Overexpress Mercury Resistance for Biodetoxification of Organomercurial Pollutants. Applied and Environmental Microbiology, 1994, 60, 357-362.	1.4	57
1253	Construction of phoE-caa, a novel PCR- and immunologically detectable marker gene for Pseudomonas putida. Applied and Environmental Microbiology, 1994, 60, 3965-3973.	1.4	12
1254	Cometabolic oxidation of polychlorinated biphenyls in soil with a surfactant-based field application vector. Applied and Environmental Microbiology, 1994, 60, 2826-2833.	1.4	46
1255	A stochastic killing system for biological containment of Escherichia coli. Applied and Environmental Microbiology, 1995, 61, 481-486.	1.4	16
1256	Expression vectors for the use of eukaryotic luciferases as bacterial markers with different colors of luminescence. Applied and Environmental Microbiology, 1995, 61, 660-668.	1.4	31
1257	Construction of a rhizosphere pseudomonad with potential to degrade polychlorinated biphenyls and detection of bph gene expression in the rhizosphere. Applied and Environmental Microbiology, 1995, 61, 1946-1952.	1.4	207
1258	Construction and behavior of biologically contained bacteria for environmental applications in bioremediation. Applied and Environmental Microbiology, 1995, 61, 2990-2994.	1.4	59
1259	Use of starvation promoters to limit growth and selectively enrich expression of trichloroethylene- and phenol-transforming activity in recombinant Escherichia coli [corrected]. Applied and Environmental Microbiology, 1995, 61, 3323-3328.	1.4	38
1260	Survival and Activity of lux-Marked Aeromonas salmonicida in Seawater. Applied and Environmental Microbiology, 1995, 61, 3494-3498.	1.4	24
1261	Nondisruptive detection of activity of catabolic promoters of Pseudomonas putida with an antigenic surface reporter system. Applied and Environmental Microbiology, 1996, 62, 214-220.	1.4	30
1262	Ammonia Inhibition of Plasmid pRmeGR4a Conjugal Transfer between Rhizobium meliloti Strains. Applied and Environmental Microbiology, 1996, 62, 1145-1150.	1.4	20
1263	Chloroform mineralization by toluene-oxidizing bacteria. Applied and Environmental Microbiology, 1996, 62, 2716-2722.	1.4	69
1264	Stable expression of pertussis toxin in Bordetella bronchiseptica under the control of a tightly regulated promoter. Applied and Environmental Microbiology, 1997, 63, 122-127.	1.4	8
1265	Identification of the Inducing Agent of the 2,4-Dichlorophenoxyacetic Acid Pathway Encoded by Plasmid pJP4. Applied and Environmental Microbiology, 1997, 63, 317-320.	1.4	38

#	Article	IF	Citations
1266	Development and characterization of a whole-cell bioluminescent sensor for bioavailable middle-chain alkanes in contaminated groundwater samples. Applied and Environmental Microbiology, 1997, 63, 4053-4060.	1.4	186
1267	Evidence for signaling between the phytopathogenic fungus Pythium ultimum and Pseudomonas fluorescens F113: P. ultimum represses the expression of genes in P. fluorescens F113, resulting in altered ecological fitness. Applied and Environmental Microbiology, 1997, 63, 4261-4266.	1.4	49
1268	Combining the hok/sok, parDE, and pnd postsegregational killer loci to enhance plasmid stability. Applied and Environmental Microbiology, 1997, 63, 1917-1924.	1.4	58
1269	Use of a promoterless lacZ gene insertion to investigate chitinase gene expression in the marine bacterium Pseudoalteromonas sp. strain S9. Applied and Environmental Microbiology, 1997, 63, 2989-2996.	1.4	44
1270	Rhizoremediation of Trichloroethylene by a Recombinant, Root-Colonizing Pseudomonas fluorescens Strain Expressing Toluene ortho -Monooxygenase Constitutively. Applied and Environmental Microbiology, 1998, 64, 112-118.	1.4	139
1271	c -Type Cytochromes and Manganese Oxidation in Pseudomonas putida MnB1. Applied and Environmental Microbiology, 1998, 64, 3549-3555.	1.4	90
1272	Resistance to Tellurite as a Selection Marker for Genetic Manipulations of Pseudomonas Strains. Applied and Environmental Microbiology, 1998, 64, 4040-4046.	1.4	100
1273	Characterization of Cell Lysis in Pseudomonas putida Induced upon Expression of Heterologous Killing Genes. Applied and Environmental Microbiology, 1998, 64, 4904-4911.	1.4	35
1274	Recombinant Klebsiella oxytoca Strains with Improved Efficiency in Removal of High Nitrate Loads. Applied and Environmental Microbiology, 1998, 64, 5016-5019.	1.4	5
1275	Isolation, Characterization, and Transfer of Cryptic Gene-Mobilizing Plasmids in the Wheat Rhizosphere. Applied and Environmental Microbiology, 1998, 64, 880-889.	1.4	87
1276	Starvation-Induced Changes in Motility, Chemotaxis, and Flagellation of Rhizobium meliloti. Applied and Environmental Microbiology, 1998, 64, 1708-1714.	1.4	54
1277	Towards a Biocatalyst for (S)-Styrene Oxide Production: Characterization of the Styrene Degradation Pathway of Pseudomonas sp. Strain VLB120. Applied and Environmental Microbiology, 1998, 64, 2032-2043.	1.4	217
1278	Construction of an Efficient Biologically Contained Pseudomonas putida Strain and Its Survival in Outdoor Assays. Applied and Environmental Microbiology, 1998, 64, 2072-2078.	1.4	53
1279	Construction and Use of an ipb DNA Module To Generate Pseudomonas Strains with Constitutive Trichloroethene and Isopropylbenzene Oxidation Activity. Applied and Environmental Microbiology, 1998, 64, 2454-2462.	1.4	10
1280	Use of Green Fluorescent Protein To Tag and Investigate Gene Expression in Marine Bacteria. Applied and Environmental Microbiology, 1998, 64, 2554-2559.	1.4	70
1281	Plasposons: Modular Self-Cloning Minitransposon Derivatives for Rapid Genetic Analysis of Gram-Negative Bacterial Genomes. Applied and Environmental Microbiology, 1998, 64, 2710-2715.	1.4	420
1282	A Chromosomally Based tod-luxCDABE Whole-Cell Reporter for Benzene, Toluene, Ethybenzene, and Xylene (BTEX) Sensing. Applied and Environmental Microbiology, 1998, 64, 2730-2735.	1.4	176
1283	Identification and Characterization of ComE and ComF, Two Novel Pilin-Like Competence Factors Involved in Natural Transformation of Acinetobacter sp. Strain BD413. Applied and Environmental Microbiology, 1999, 65, 4568-4574.	1.4	27

#	Article	IF	Citations
1284	An Alkane-Responsive Expression System for the Production of Fine Chemicals. Applied and Environmental Microbiology, 1999, 65, 2324-2332.	1.4	143
1285	Engineering of Stable Recombinant Bacteria for Production of Chiral Medium-Chain-Length Poly-3-Hydroxyalkanoates. Applied and Environmental Microbiology, 1999, 65, 3265-3271.	1.4	45
1286	Transduction of Enteric Escherichia coli Isolates with a Derivative of Shiga Toxin 2-Encoding Bacteriophage Ï†3538 Isolated from Escherichia coli O157:H7. Applied and Environmental Microbiology, 1999, 65, 3855-3861.	1.4	142
1287	Generalized Transduction of Small Yersinia enterocolitica Plasmids. Applied and Environmental Microbiology, 1999, 65, 3862-3866.	1.4	22
1288	Oxygen-Sensing Reporter Strain of Pseudomonas fluorescens for Monitoring the Distribution of Low-Oxygen Habitats in Soil. Applied and Environmental Microbiology, 1999, 65, 4085-4093.	1.4	102
1289	Direct expression of Bordetella pertussis filamentous hemagglutinin in Escherichia coli and Salmonella typhimurium aroA. Infection and Immunity, 1991, 59, 3787-3795.	1.0	14
1290	Construction of minitransposons for constitutive and inducible expression of pertussis toxin in bvg-negative Bordetella bronchiseptica. Infection and Immunity, 1991, 59, 4238-4248.	1.0	21
1291	Antibody responses in the lungs of mice following oral immunization with Salmonella typhimurium aroA and invasive Escherichia coli strains expressing the filamentous hemagglutinin of Bordetella pertussis. Infection and Immunity, 1991, 59, 4391-4397.	1.0	36
1292	Specific lung mucosal and systemic immune responses after oral immunization of mice with Salmonella typhimurium aroA, Salmonella typhi Ty21a, and invasive Escherichia coli expressing recombinant pertussis toxin S1 subunit. Infection and Immunity, 1992, 60, 4260-4268.	1.0	53
1293	The Escherichia coli K-12 gntP gene allows E. coli F-18 to occupy a distinct nutritional niche in the streptomycin-treated mouse large intestine. Infection and Immunity, 1996, 64, 3497-3503.	1.0	64
1294	Escherichia coli F-18 and E. coli K-12 eda mutants do not colonize the streptomycin-treated mouse large intestine. Infection and Immunity, 1996, 64, 3504-3511.	1.0	89
1295	Attenuation, persistence, and vaccine potential of an Edwardsiella ictaluri purA mutant. Infection and Immunity, 1997, 65, 4642-4651.	1.0	71
1296	Construction and characterization of a live attenuated vaccine candidate against Shigella dysenteriae type 1. Infection and Immunity, 1997, 65, 2112-2118.	1.0	15
1297	A Second Two-Component Regulatory System of Bordetella bronchiseptica Required for Bacterial Resistance to Oxidative Stress, Production of Acid Phosphatase, and In Vivo Persistence. Infection and Immunity, 1998, 66, 4640-4650.	1.0	67
1298	Bioluminescence as a Reporter of Intracellular Survival of Bordetella bronchiseptica in Murine Phagocytes. Infection and Immunity, 1998, 66, 3198-3207.	1.0	24
1299	Inactivation of DsbA, but Not DsbC and DsbD, Affects the Intracellular Survival and Virulence of Shigella flexneri. Infection and Immunity, 1998, 66, 3909-3917.	1.0	66
1300	Quorum Sensing-Dependent Regulation and Blockade of Exoprotease Production in Aeromonas hydrophila. Infection and Immunity, 1999, 67, 5192-5199.	1.0	232
1301	Salmonella typhimuriumEncodes a Putative Iron Transport System within the Centisome 63 Pathogenicity Island. Infection and Immunity, 1999, 67, 1974-1981.	1.0	146

#	Article	IF	Citations
1302	The EspD Protein of Enterohemorrhagic Escherichia coli Is Required for the Formation of Bacterial Surface Appendages and Is Incorporated in the Cytoplasmic Membranes of Target Cells. Infection and Immunity, 1999, 67, 4834-4842.	1.0	76
1303	An Isoflavonoid-Inducible Efflux Pump in Agrobacterium tumefaciens Is Involved in Competitive Colonization of Roots. Journal of Bacteriology, 1998, 180, 3107-3113.	1.0	98
1304	Cloning, Sequencing, and Phenotypic Characterization of the rpoS Gene from Pseudomonas putida KT2440. Journal of Bacteriology, 1998, 180, 3421-3431.	1.0	101
1305	Differential Regulation of Rhizobium etli rpoN2 Gene Expression during Symbiosis and Free-Living Growth. Journal of Bacteriology, 1998, 180, 3620-3628.	1.0	64
1306	Pas, a Novel Protein Required for Protein Secretion and Attaching and Effacing Activities of Enterohemorrhagic Escherichia coli. Journal of Bacteriology, 1998, 180, 4370-4379.	1.0	39
1307	Carbon-Source-Dependent Expression of the PalkB Promoter from the Pseudomonas oleovorans Alkane Degradation Pathway. Journal of Bacteriology, 1998, 180, 5218-5226.	1.0	94
1308	Int-B13, an Unusual Site-Specific Recombinase of the Bacteriophage P4 Integrase Family, Is Responsible for Chromosomal Insertion of the 105-Kilobase clc Element of Pseudomonas sp. Strain B13. Journal of Bacteriology, 1998, 180, 5505-5514.	1.0	109
1309	The tfdK Gene Product Facilitates Uptake of 2,4-Dichlorophenoxyacetate by Ralstonia eutropha JMP134(pJP4). Journal of Bacteriology, 1998, 180, 2237-2243.	1.0	98
1310	Genetic Analysis of a Chromosomal Region Containing vanA and vanB , Genes Required for Conversion of Either Ferulate or Vanillate to Protocatechuate in Acinetobacter. Journal of Bacteriology, 1999, 181, 3494-3504.	1.0	92
1311	Antigen-43-Mediated Autoaggregation ofEscherichia coli Is Blocked by Fimbriation. Journal of Bacteriology, 1999, 181, 4834-4841.	1.0	158
1312	Involvement of the cis/trans Isomerase Cti in Solvent Resistance of Pseudomonas putida DOT-T1E. Journal of Bacteriology, 1999, 181, 5693-5700.	1.0	141
1313	Chromosomal Integration of Heterologous DNA in Escherichia coli with Precise Removal of Markers and Replicons Used during Construction. Journal of Bacteriology, 1999, 181, 7143-7148.	1.0	81
1314	PhaF, a Polyhydroxyalkanoate-Granule-Associated Protein of Pseudomonas oleovorans GPo1 Involved in the Regulatory Expression System for pha Genes. Journal of Bacteriology, 1999, 181, 858-868.	1.0	145
1315	Physiological Characterization of Pseudomonas aeruginosa during Exotoxin A Synthesis: Glutamate, Iron Limitation, and Aconitase Activity. Journal of Bacteriology, 1999, 181, 1072-1078.	1.0	56
1316	Role of the Alternative Sigma Factor Ï, ^S in Expression of the AlkS Regulator of the Pseudomonas oleovorans Alkane Degradation Pathway. Journal of Bacteriology, 1999, 181, 1748-1754.	1.0	36
1317	Genetic and Proteomic Characterization of rpoB Mutations and Their Effect on Nematicidal Activity in Photorhabdus luminescens LN2. PLoS ONE, 2012, 7, e43114.	1.1	11
1318	Mutation Frequency and Spectrum of Mutations Vary at Different Chromosomal Positions of Pseudomonas putida. PLoS ONE, 2012, 7, e48511.	1.1	23
1319	Coordination of the Arc Regulatory System and Pheromone-Mediated Positive Feedback in Controlling the Vibrio fischeri lux Operon. PLoS ONE, 2012, 7, e49590.	1.1	27

#	Article	IF	Citations
1320	Lack of RsmA-Mediated Control Results in Constant Hypervirulence, Cell Elongation, and Hyperflagellation in Pectobacterium wasabiae. PLoS ONE, 2013, 8, e54248.	1.1	19
1321	Pseudomonas putida AlkA and AlkB Proteins Comprise Different Defense Systems for the Repair of Alkylation Damage to DNA â€“ In Vivo, In Vitro, and In Silico Studies. PLoS ONE, 2013, 8, e76198.	1.1	12
1322	A New and Improved Host-Independent Plasmid System for RK2-Based Conjugal Transfer. PLoS ONE, 2014, 9, e90372.	1.1	74
1323	Antinematode Activity of Violacein and the Role of the Insulin/IGF-1 Pathway in Controlling Violacein Sensitivity in Caenorhabditis elegans. PLoS ONE, 2014, 9, e109201.	1.1	37
1324	Exploring Regulation Genes Involved in the Expression of L-Amino Acid Oxidase in Pseudoalteromonas sp. Rf-1. PLoS ONE, 2015, 10, e0122741.	1.1	14
1325	Analyzing the Transcriptomes of Two Quorum-Sensing Controlled Transcription Factors, RcsA and LrhA, Important for Pantoea stewartii Virulence. PLoS ONE, 2015, 10, e0145358.	1.1	19
1326	LapF and Its Regulation by Fis Affect the Cell Surface Hydrophobicity of Pseudomonas putida. PLoS ONE, 2016, 11, e0166078.	1.1	20
1327	CsrB, a noncoding regulatory RNA, is required for BarA-dependent expression of biocontrol traits in Rahnella aquatilis HX2. PLoS ONE, 2017, 12, e0187492.	1.1	2
1328	ChrASO, the chromate efflux pump of Shewanella oneidensis, improves chromate survival and reduction. PLoS ONE, 2017, 12, e0188516.	1.1	32
1329	Engineering Vibrio fischeri for Inducible Gene Expression. Open Microbiology Journal, 2014, 8, 122-129.	0.2	6
1330	Molecular cloning and transcriptional analysis of the alkyl hydroperoxide reductase genes from Pseudomonas putida KT2442.. Journal of General and Applied Microbiology, 2001, 47, 269-277.	0.4	11
1332	Plasmids containing the same origin of replication are useful tools to perform biotechnological studies in Pseudomonas putida U and in E. coli DH10B. Canadian Journal of Biotechnology, 2017, 1, 38-43.	0.3	1
1333	Steroid catabolism in bacteria: Genetic and functional analyses of stdH and stdJ in Pseudomonas putida DOC21. Canadian Journal of Biotechnology, 2018, 2, 88-99.	0.3	6
1334	Biosynthesis of 3-Hydroxy-5-Methyl-O-Methyltyrosine in the Saframycin/Safracin Biosynthetic Pathway. Journal of Microbiology and Biotechnology, 2009, 19, 439-446.	0.9	39
1335	Host-selected mutations converging on a global regulator drive an adaptive leap towards symbiosis in bacteria. ELife, 2017, 6, .	2.8	40
1336	Dimension-reduction simplifies the analysis of signal crosstalk in a bacterial quorum sensing pathway. Scientific Reports, 2021, 11, 19719.	1.6	1
1337	Citrobacter amalonaticus Inhibits the Growth of Citrobacter rodentium in the Gut Lumen. MBio, 2021, 12, e0241021.	1.8	9
1338	Vibrio neptunius Produces Piscibactin and Amphibactin and Both Siderophores Contribute Significantly to Virulence for Clams. Frontiers in Cellular and Infection Microbiology, 2021, 11, 750567.	1.8	8

#	Article	IF	Citations
1339	AplicaÃ§Ã£o de genes marcadores em estudos de ecologia microbiana com Ãªnfase no sistema GUS. Ciencia Rural, 2000, 30, 533-539.	0.3	0
1340	Efficient Removal of Sulfide Following Integration of Multiple Copies of the Sulfide-Quinone Oxidoreductase Gene (sqr) into the Escherichia coli Chromosome.. Journal of Bioscience and Bioengineering, 2001, 91, 493-499.	1.1	2
1341	Monitoring temporal and spatial variation in rhizosphere bacterial population diversity: A community approach for the improved selection of rhizosphere competent bacteria. , 2002, , 181-193.		5
1345	Cold-adapted features of Vibrio salmonicida catalase: characterisation and comparison with the mesophilic counterpart from Proteus mirabilis. Extremophiles, 2006, 10, 427.	0.9	0
1346	Rapid and Simple Amplification of Genomic DNA Sequences Flanking Transposon. Microbiology Indonesia, 2007, 1, 1-4.	0.2	0
1347	Section 6 update: GUS as a marker to track microbes. , 2008, , 3119-3142.		0
1348	Section 6 update: Visualisation of microbes and their interactions in the rhizosphere using auto fluorescent proteins as markers. , 2008, , 3159-3181.		0
1349	Section 6 update: The celB marker gene. , 2008, , 3143-3157.		0
1350	Section 6 update: Considerations for the use of functional markers and field release of genetically engineered microorganisms to soils and plants. , 2008, , 3207-3220.		0
1351	Genetic Constructs: Molecular Tools for the Assembly of Environmental Bacterial Biosensors. , 2010, , 2651-2676.		2
1352	Identification of plasmids in a Salmonella Typhimurium septicemic isolate without the classical 95 kb virulence plasmid. , 0, , .		0
1353	Novel Anti-Microbial Peptides of Xenorhabdus Origin Against Multidrug Resistant Plant Pathogens. , 0, , .		2
1354	Mutagenesis of a Copper P-Type ATPase Encoding Genein Methylococcus capsulatus (Bath) Results inCopper-Resistance. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2013, , 37-42.	0.2	0
1355	Mercury biotransformations and their potential for remediation of mercury contamination. , 1992, , 23-35.		8
1356	Field Testing of Genetically Engineered Rhizobia. Current Plant Science and Biotechnology in Agriculture, 1993, , 695-701.	0.0	1
1357	Environmental and regulatory aspects of using genetically-modified microorganisms in the field. , 1994, , 263-274.		2
1358	GUS as a marker to track microbes. , 1996, , 205-229.		0
1359	Use of marker genes in competition studies of Rhizobium. , 1998, , 35-45.		12

#	Article	IF	Citations
1360	Transformation of Aggregatibacter actinomycetemcomitans with Green Fluorescent Protein. International Journal of Oral-Medical Sciences, 2016, 14, 41-47.	0.2	0
1362	Efficient trichloroethene degradation by hybrid phenol hydroxylase. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2017, 73, III_195-III_202.	0.1	0
1363	Identification and Characterization of the Genes and Enzymes Belonging to the Bile Acid Catabolic Pathway in Pseudomonas. Methods in Molecular Biology, 2017, 1645, 109-142.	0.4	1
1364	Evaluation of survivability of prey bacteria grazed by protozoa that are isolated and indigenous. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2019, 75, III_395-III_402.	0.1	0
1371	TetR Regulated in vivo Repression Technology to Identify Conditional Gene Silencing in Genetically Engineerable Bacteria Using Vibrio cholerae Murine Infections as Model System. Bio-protocol, 2020, 10, e3774.	0.2	0
1455	An upstream XylR- and IHF-induced nucleoprotein complex regulates the sigma 54-dependent Pu promoter of TOL plasmid. EMBO Journal, 1991, 10, 1159-67.	3.5	68
1456	Urease activity may contribute to the ability of Actinobacillus pleuropneumoniae to establish infection. Canadian Journal of Veterinary Research, 2000, 64, 145-50.	1.1	21
1461	Identification of the EdcR Estrogen-Dependent Repressor in Caenibius tardaugens NBRC 16725: Construction of a Cellular Estradiol Biosensor. Genes, 2021, 12, 1846.	1.0	3
1462	Delving into defence: identifying the Pseudomonas protegens Pf-5 gene suite involved in defence against secreted products of fungal, oomycete and bacterial rhizosphere competitors. Microbial Genomics, 2021, 7, .	1.0	4
1463	Bioengineered microbes for soil health restoration: present status and future. Bioengineered, 2021, 12, 12839-12853.	1.4	26
1464	The Temperature-Dependent Expression of the High-Pathogenicity Island Encoding Piscibactin in Vibrionaceae Results From the Combined Effect of the AraC-Like Transcriptional Activator PbtA and Regulatory Factors From the Recipient Genome. Frontiers in Microbiology, 2021, 12, 748147.	1.5	3
1465	Brucella abortus Encodes an Active Rhomboid Protease: Proteome Response after Rhomboid Gene Deletion. Microorganisms, 2022, 10, 114.	1.6	3
1466	Synthetic Control of Metabolic States in Pseudomonas putida by Tuning Polyhydroxyalkanoate Cycle. MBio, 2022, 13, e0179421.	1.8	7
1467	<scp>Câ€diâ€GMP</scp> and biofilm are regulated in Pseudomonas putida by the <scp>CfcA</scp>/<scp>CfcR</scp> twoâ€component system in response to salts. Environmental Microbiology, 2022, 24, 158-178.	1.8	8
1468	Breaking antimicrobial resistance by disrupting extracytoplasmic protein folding. ELife, 2022, 11, .	2.8	14
1469	Development of a Salmonella-based oral vaccine to control intestinal colonization of Shiga-toxin-producing Escherichia coli (STEC) in animals. Vaccine, 2022, 40, 1065-1073.	1.7	4
1470	The Burkholderia cenocepacia iron starvation Ïƒ factor, OrbS, possesses an on-board iron sensor. Nucleic Acids Research, 2022, 50, 3709-3726.	6.5	3
1471	The periplasmic chaperone protein Psg_2795 contributes to the virulence of Pseudomonas savastanoi pv. glycinea: the causal agent of bacterial blight of soybean. Journal of Microbiology, 2022, 60, 478-487.	1.3	1

#	Article	IF	Citations
1472	High Affinity Iron Acquisition Systems Facilitate but Are Not Essential for Colonization of Chickens by Salmonella Enteritidis. Frontiers in Microbiology, 2022, 13, 824052.	1.5	3
1473	PsrA is a novel regulator contributes to antibiotic synthesis, bacterial virulence, cell motility and extracellular polysaccharides production in Serratia marcescens. Nucleic Acids Research, 2022, 50, 127-148.	6.5	15
1475	Impact of horizontal gene transfer on emergence and stability of cooperative virulence in Salmonella Typhimurium. Nature Communications, 2022, 13, 1939.	5.8	14
1476	Identification of Key Factors for Anoxic Survival of B. cenocepacia H111. International Journal of Molecular Sciences, 2022, 23, 4560.	1.8	1
1477	Mutagenesis of H. influenzae. , 2003, 71, 185-210.		0
1510	Designing Bacteria for the Degradation of Nitro- and Chloroaromatic Pollutants. Die Naturwissenschaften, 1996, 83, 201-213.	0.6	0
1511	Nutrient-enhanced survival of and phenanthrene mineralization by alginate-encapsulated and free Pseudomonas sp. UG14Lr cells in creosote-contaminated soil slurries. Applied Microbiology and Biotechnology, 1995, 43, 946-951.	1.7	3
1512	A Highly Unstable and Elusive Plasmid That Encodes the Type III Secretion System Is Necessary for Full Virulence in the Marine Fish Pathogen Photobacterium damselae subsp. piscicida. International Journal of Molecular Sciences, 2022, 23, 4729.	1.8	2
1513	In Vivo Tracking of Bacterial Colonization in Different Murine Models Using Bioluminescence: The Example of Salmonella. Methods in Molecular Biology, 2022, , 235-248.	0.4	3
1514	Pseudomonas putida Biofilm Depends on the vWFa-Domain of LapA in Peptides-Containing Growth Medium. International Journal of Molecular Sciences, 2022, 23, 5898.	1.8	3
1515	Providing octane degradation capability to Pseudomonas putida<scp>KT2440</scp> through the horizontal acquisition of oct genes located on an integrative and conjugative element. Environmental Microbiology Reports, 2022, 14, 934-946.	1.0	6
1517	Heterogeneous glycosylation and methylation of the Aeromonas caviae flagellin. MicrobiologyOpen, 2022, 11, .	1.2	0
1520	CaracterizaciÃ³n de los poli-3-hidroxialcanoatos (bioplÃ¡sticos) acumulados por bacterias recombinantes que expresan independientemente los genes phaC1 y phaC2 de Pseudomonas putida U. Ambiociencias, 0, , 18-28.	0.0	0
1521	Dynamic cybergenetic control of bacterial co-culture composition via optogenetic feedback. Nature Communications, 2022, 13, .	5.8	23
1522	Improvement of fitness and biocontrol properties of Pseudomonas putida via an extracellular heme peroxidase. Microbial Biotechnology, 2022, 15, 2652-2666.	2.0	6
1523	Evaluation of Edwardsiella piscicida basS and basR mutants as vaccine candidates in catfish against edwardsiellosis. Journal of Fish Diseases, 2022, 45, 1817-1829.	0.9	2
1524	Identification of Key Functions Required for Production and Utilization of the Siderophore Piscibactin Encoded by the High-Pathogenicity Island irp-HPI in Vibrionaceae. International Journal of Molecular Sciences, 2022, 23, 8865.	1.8	2
1525	Improving prodigiosin production by transcription factor engineering and promoter engineering in Serratia marcescens. Frontiers in Microbiology, 0, 13, .	1.5	5

#	Article	IF	Citations
1526	<scp>Azospirillum baldaniorum</scp> Sp245 <scp>exploits Pseudomonas fluorescens A506</scp> biofilm to overgrow in dualâ€spECIES macrocolonies. Environmental Microbiology, 2022, 24, 5707-5720.	1.8	3
1527	Comparative analysis reveals the modular functional structure of conjugative megaplasmid pTTS12 of Pseudomonas putida S12: A paradigm for transferable traits, plasmid stability, and inheritance?. Frontiers in Microbiology, 0, 13, .	1.5	3
1528	Biochemical and functional characterization of Brucella abortus cyclophilins: So similar, yet so different. Frontiers in Microbiology, 0, 13, .	1.5	0
1529	A highly efficient and versatile genetic engineering toolkit for a methanotroph-based biorefinery. Chemical Engineering Journal, 2023, 453, 139911.	6.6	9
1530	Genetic Engineering Concepts. Synthesis Lectures on Synthetic Biology, 2011, , 9-69.	0.0	0
1531	Engineering of Pseudomonas putida for accelerated co-utilization of glucose and cellobiose yields aerobic overproduction of pyruvate explained by an upgraded metabolic model. Metabolic Engineering, 2023, 75, 29-46.	3.6	10
1533	The acetoin assimilation pathway of <scp> Pseudomonas putida KT2440 </scp> is regulated by overlapping global regulatory elements that respond to nutritional cues. Environmental Microbiology, 0, , .	1.8	2
1534	The squalene route to C30 carotenoid biosynthesis and the origins of carotenoid biosynthetic pathways. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	10
1535	Defining Two Chemosensory Arrays in Shewanella oneidensis. Biomolecules, 2023, 13, 21.	1.8	0
1536	Exposure of Pseudomonas aeruginosa to Cinnamaldehyde Selects Multidrug Resistant Mutants. Antibiotics, 2022, 11, 1790.	1.5	4
1537	Increasing cellular fitness and product yields in Pseudomonas putida through an engineered phosphoketolase shunt. Microbial Cell Factories, 2023, 22, .	1.9	2
1538	Water potential governs the effector specificity of the transcriptional regulator <scp>XylR</scp> of <scp>Pseudomonas putida</scp>. Environmental Microbiology, 2023, 25, 1041-1054.	1.8	0
1539	H+-Translocating Membrane-Bound Pyrophosphatase from Rhodospirillum rubrum Fuels Escherichia coli Cells via an Alternative Pathway for Energy Generation. Microorganisms, 2023, 11, 294.	1.6	0
1540	MOLECULAR GENETIC AND FUNCTIONAL ANALYSIS OF GENES INFLUENCING PYOVERDINE SYNTHESIS IN PSEUDOMONAS BRASSICACEARUM S-1. , 2022, 33, 83-94.		0
1542	Transcriptomic responses of the fast-growing bacterium Vibrio natriegens during cold-induced loss of culturability. Applied Microbiology and Biotechnology, 2023, 107, 3009-3019.	1.7	1
1543	Chitinase A, a tightly regulated virulence factor of Salmonella enterica serovar Typhimurium, is actively secreted by a Type 10 Secretion System. PLoS Pathogens, 2023, 19, e1011306.	2.1	2
1544	The Role of Intercellular Signaling in the Regulation of Bacterial Adaptive Proliferation. International Journal of Molecular Sciences, 2023, 24, 7266.	1.8	1
1546	Evolution and the Role of SXT-Related Integrative Conjugative Elements in Multidrug-Resistant Vibrio cholerae. , 2023, , 1-17.		0

#	Article	IF	Citations
1552	Evolution and the Role of SXT-Related Integrative Conjugative Elements in Multidrug-Resistant Vibrio cholerae. , 2023, , 465-481.		0
1554	Identification and Characterization of Some Genes, Enzymes, and Metabolic Intermediates Belonging to the Bile Acid Aerobic Catabolic Pathway from Pseudomonas. Methods in Molecular Biology, 2023, , 51-83.	0.4	0