

T M Finan

List of Publications by Year in descending order

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172457

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43
docs citations

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2590
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#	ARTICLE	IF	CITATIONS
1	<i>Sinorhizobium meliloti</i> phospholipase C required for lipid remodeling during phosphorus limitation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 302-307.	7.1	92
2	Genome prediction of PhoB regulated promoters in <i>Sinorhizobium meliloti</i> and twelve proteobacteria. Nucleic Acids Research, 2006, 34, 2686-2697.	14.5	122
3	Mapping the <i>Sinorhizobium meliloti</i> 1021 solute-binding protein-dependent transportome. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17933-17938.	7.1	129
4	Functional Analysis of Genes of Unknown Functions in <i>Sinorhizobium meliloti</i> 1021. , 2005, , 115-118.		0
5	The Composite Genome of the Legume Symbiont <i>Sinorhizobium meliloti</i> . Science, 2001, 293, 668-672.	12.6	1,098
6	The complete sequence of the 1,683-kb pSymb megaplasmid from the N ₂ -fixing endosymbiont <i>Sinorhizobium meliloti</i> . Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9889-9894.	7.1	282
7	Cloning and characterization of the pyruvate carboxylase from <i>Sinorhizobium meliloti</i> Rm1021. Archives of Microbiology, 2001, 176, 355-363.	2.2	23
8	Use of differential fluorescence induction and optical trapping to isolate environmentally induced genes. Environmental Microbiology, 2001, 3, 397-406.	3.8	82
9	oriT-Directed Cloning of Defined Large Regions from Bacterial Genomes: Identification of the <i>Sinorhizobium meliloti</i> pExo Megaplasmid Replicator Region. Journal of Bacteriology, 2000, 182, 5486-5494.	2.2	23
10	Carbon Metabolism and Symbiotic Needs of Root Nodule Bacteria. , 2000, , 359-364.		1
11	The regulator gene <i>phoB</i> mediates phosphate stress-controlled synthesis of the membrane lipid diacylglyceryl-N,N,N-trimethylhomoserine in <i>Rhizobium</i> (<i>Sinorhizobium meliloti</i>). Molecular Microbiology, 1999, 32, 63-73.	2.5	138
12	Characterization of two members of a novel malic enzyme class. BBA - Proteins and Proteomics, 1999, 1432, 275-285.	2.1	35
13	Chimeric Structure of the NAD(P) ⁺ - and NADP ⁺ -dependent Malic Enzymes of <i>Rhizobium</i> (<i>Sinorhizobium meliloti</i>). Journal of Biological Chemistry, 1998, 273, 9330-9336.	3.4	32
14	Regulation of Phosphate Assimilation in <i>Rhizobium</i> (<i>Sinorhizobium meliloti</i>). Genetics, 1998, 148, 1689-1700.	2.9	64
15	Phosphate Assimilation in <i>Rhizobium</i> (<i>Sinorhizobium meliloti</i>): Identification of a pit-Like Gene. Journal of Bacteriology, 1998, 180, 4219-4226.	2.2	33
16	Hybrid Structures of Malic Enzymes from <i>Rhizobium meliloti</i> . Current Plant Science and Biotechnology in Agriculture, 1998, , 463-464.	0.0	0
17	Characterization of the <i>Rhizobium</i> (<i>Sinorhizobium meliloti</i>) high- and low-affinity phosphate uptake systems. Journal of Bacteriology, 1997, 179, 7226-7232.	2.2	45
18	Genetic Analysis of Mutations Affecting <i>pckA</i> Regulation in <i>Rhizobium</i> (<i>Sinorhizobium meliloti</i>). Genetics, 1997, 147, 1521-1531.	2.9	12

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19	NADP ⁺ -dependent malic enzyme of <i>Rhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 1996, 178, 2224-2231.	2.2	55
20	A phosphate transport system is required for symbiotic nitrogen fixation by <i>Rhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 1996, 178, 4540-4547.	2.2	117
21	Identification of <i>Rhizobium</i> -specific intergenic mosaic elements within an essential two-component regulatory system of <i>Rhizobium</i> species. <i>Journal of Bacteriology</i> , 1995, 177, 5485-5494.	2.2	81
22	Molecular and expression analysis of the <i>Rhizobium meliloti</i> phosphoenolpyruvate carboxykinase (<i>pckA</i>) gene. <i>Journal of Bacteriology</i> , 1995, 177, 1452-1460.	2.2	67
23	Similarity between the <i>Rhizobium meliloti</i> <i>flip</i> gene and pathogenicity-associated genes from animal and plant pathogens. <i>Gene</i> , 1995, 152, 65-67.	2.2	12
24	Second site mutations specifically suppress the <i>Fix</i> - phenotype of <i>Rhizobium meliloti</i> <i>ndvF</i> mutations on alfalfa: identification of a conditional <i>ndvF</i> -dependent mucoid colony phenotype.. <i>Genetics</i> , 1994, 136, 1233-1243.	2.9	34
25	NAD ⁺ -dependent malic enzyme of <i>Rhizobium meliloti</i> is required for symbiotic nitrogen fixation. <i>Molecular Microbiology</i> , 1993, 7, 865-873.	2.5	104
26	Symbiotic nitrogen fixation by a <i>nifA</i> deletion mutant of <i>Rhizobium meliloti</i> : the role of an unusual <i>nrC</i> allele. <i>Journal of Bacteriology</i> , 1993, 175, 2662-2673.	2.2	27
27	Negative regulation of sigma 54-dependent <i>dctA</i> expression by the transcriptional activator <i>DctD</i> . <i>Journal of Bacteriology</i> , 1993, 175, 2674-2681.	2.2	14
28	<i>ndvF</i> , a novel locus located on megaplasmid pRmeSU47b (pEXO) of <i>Rhizobium meliloti</i> , is required for normal nodule development. <i>Journal of Bacteriology</i> , 1991, 173, 3981-3992.	2.2	39
29	Site-directed mutagenesis and DNA sequence of <i>pckA</i> of <i>Rhizobium</i> NGR234, encoding phosphoenolpyruvate carboxykinase: gluconeogenesis and host-dependent symbiotic phenotype. <i>Molecular Genetics and Genomics</i> , 1991, 230, 257-269.	2.4	65
30	Analysis of a 1600-kilobase <i>Rhizobium meliloti</i> megaplasmid using defined deletions generated in vivo.. <i>Genetics</i> , 1991, 127, 5-20.	2.9	132
31	Genetic map of <i>Rhizobium meliloti</i> megaplasmid pRmeSU47b. <i>Journal of Bacteriology</i> , 1990, 172, 2469-2476.	2.2	67
32	Lactose utilization and enzymes encoded by megaplasmids in <i>Rhizobium meliloti</i> SU47: implications for population studies. <i>Journal of General Microbiology</i> , 1990, 136, 2497-2502.	2.3	18
33	Analysis of C4-dicarboxylate transport genes in <i>Rhizobium meliloti</i> . <i>Molecular Microbiology</i> , 1989, 3, 813-823.	2.5	137
34	Mutants of <i>Rhizobium meliloti</i> defective in succinate metabolism. <i>Journal of Bacteriology</i> , 1988, 170, 3396-3403.	2.2	119
35	Genetic and physical analyses of group E <i>exo</i> - mutants of <i>Rhizobium meliloti</i> . <i>Journal of Bacteriology</i> , 1988, 170, 474-477.	2.2	24
36	Second symbiotic megaplasmid in <i>Rhizobium meliloti</i> carrying exopolysaccharide and thiamine synthesis genes. <i>Journal of Bacteriology</i> , 1986, 167, 66-72.	2.2	589

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37	Symbiotic mutants of rhizobium meliloti that uncouple plant from bacterial differentiation. Cell, 1985, 40, 869-877.	28.9	348
38	General transduction in Rhizobium meliloti. Journal of Bacteriology, 1984, 159, 120-124.	2.2	274
39	Host-dependent transposon Tn5-mediated streptomycin resistance. Journal of Bacteriology, 1984, 159, 395-399.	2.2	26
40	Monoclonal antibodies to Rhizobium meliloti and surface mutants insensitive to them. Journal of Bacteriology, 1984, 160, 454-457.	2.2	32
41	Symbiotic properties of C4-dicarboxylic acid transport mutants of Rhizobium leguminosarum. Journal of Bacteriology, 1983, 154, 1403-1413.	2.2	189
42	Succinate transport in Rhizobium leguminosarum. Journal of Bacteriology, 1981, 148, 193-202.	2.2	112