

Juan imperial

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#	Paper	IF	Citations
117	Genome sequence of <i>Azotobacter vinelandii</i> , an obligate aerobic specialized to support diverse anaerobic metabolic processes. <i>Journal of Bacteriology</i> , 2009 , 191, 4534-45	3.5	202
116	Unlocking the bacterial and fungal communities assemblages of sugarcane microbiome. <i>Scientific Reports</i> , 2016 , 6, 28774	4.9	155
115	Identification of the V factor needed for synthesis of the iron-molybdenum cofactor of nitrogenase as homocitrate. <i>Nature</i> , 1987 , 329, 855-7	50.4	136
114	Homocitrate is a component of the iron-molybdenum cofactor of nitrogenase. <i>Biochemistry</i> , 1989 , 28, 2768-71	3.2	126
113	Role of the <i>nifQ</i> gene product in the incorporation of molybdenum into nitrogenase in <i>Klebsiella pneumoniae</i> . <i>Journal of Bacteriology</i> , 1984 , 158, 187-94	3.5	118
112	Purification of <i>Rhizobium leguminosarum</i> HypB, a nickel-binding protein required for hydrogenase synthesis. <i>Journal of Bacteriology</i> , 1994 , 176, 6066-73	3.5	87
111	Substrate reduction properties of dinitrogenase activated in vitro are dependent upon the presence of homocitrate or its analogues during iron-molybdenum cofactor synthesis. <i>Biochemistry</i> , 1989 , 28, 7796-9	3.2	86
110	In vitro synthesis of the iron-molybdenum cofactor of nitrogenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986 , 83, 1636-40	11.5	84
109	Molybdenum in nitrogenase. <i>Annual Review of Biochemistry</i> , 1984 , 53, 231-57	29.1	71
108	Biosynthesis of iron-molybdenum cofactor in the absence of nitrogenase. <i>Journal of Bacteriology</i> , 1984 , 159, 888-93	3.5	68
107	<i>Bradyrhizobium paxllaeri</i> sp. nov. and <i>Bradyrhizobium icense</i> sp. nov., nitrogen-fixing rhizobial symbionts of Lima bean (<i>Phaseolus lunatus</i> L.) in Peru. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2072-2078	2.2	62
106	Hydrogenase genes from <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> are controlled by the nitrogen fixation regulatory protein <i>nifA</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 6019-24	11.5	61
105	Nickel availability to pea (<i>Pisum sativum</i> L.) plants limits hydrogenase activity of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> bacteroids by affecting the processing of the hydrogenase structural subunits. <i>Journal of Bacteriology</i> , 1994 , 176, 5297-303	3.5	61
104	A Community-Based Culture Collection for Targeting Novel Plant Growth-Promoting Bacteria from the Sugarcane Microbiome. <i>Frontiers in Plant Science</i> , 2017 , 8, 2191	6.2	60
103	<i>Medicago truncatula</i> natural resistance-associated macrophage Protein1 is required for iron uptake by rhizobia-infected nodule cells. <i>Plant Physiology</i> , 2015 , 168, 258-72	6.6	57
102	<i>Bradyrhizobium valentinum</i> sp. nov., isolated from effective nodules of <i>Lupinus mariae-josephae</i> , a lupine endemic of basic-lime soils in Eastern Spain. <i>Systematic and Applied Microbiology</i> , 2014 , 37, 336-41	4.2	50
101	Molecular analysis of a microaerobically induced operon required for hydrogenase synthesis in <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> . <i>Molecular Microbiology</i> , 1993 , 8, 471-81	4.1	50

100	Dinitrogenase with altered substrate specificity results from the use of homocitrate analogues for in vitro synthesis of the iron-molybdenum cofactor. <i>Biochemistry</i> , 1988 , 27, 3647-52	3.2	48
99	Usefulness of Hirsch's h-index to evaluate scientific research in Spain. <i>Scientometrics</i> , 2007 , 71, 271-282	3	45
98	Medicago truncatula Molybdate Transporter type 1 (MtMOT1.3) is a plasma membrane molybdenum transporter required for nitrogenase activity in root nodules under molybdenum deficiency. <i>New Phytologist</i> , 2017 , 216, 1223-1235	9.8	44
97	FnrN controls symbiotic nitrogen fixation and hydrogenase activities in Rhizobium leguminosarum biovar viciae UPM791. <i>Journal of Bacteriology</i> , 1997 , 179, 5264-70	3.5	43
96	Diversity and evolution of hydrogenase systems in rhizobia. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 4915-24	4.8	42
95	The twin-arginine translocation (Tat) system is essential for Rhizobium-legume symbiosis. <i>Molecular Microbiology</i> , 2003 , 48, 1195-207	4.1	42
94	Utilization of light for the assimilation of organic matter in Chlorella sp. VJ79. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 677-81	4.9	42
93	Molybdate binding by ModA, the periplasmic component of the Escherichia coli mod molybdate transport system. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998 , 1370, 337-46	3.8	41
92	Iron distribution through the developmental stages of Medicago truncatula nodules. <i>Metallomics</i> , 2013 , 5, 1247-53	4.5	40
91	Gene products of the hupGHIJ operon are involved in maturation of the iron-sulfur subunit of the [NiFe] hydrogenase from Rhizobium leguminosarum bv. viciae. <i>Journal of Bacteriology</i> , 2005 , 187, 7018-26	3.5	40
90	Expression of the nifBfdxNnifOQ region of Azotobacter vinelandii and its role in nitrogenase activity. <i>Journal of Bacteriology</i> , 1993 , 175, 2926-35	3.5	40
89	Mol ⁻ mutants of Klebsiella pneumoniae requiring high levels of molybdate for nitrogenase activity. <i>Journal of Bacteriology</i> , 1985 , 163, 1285-7	3.5	38
88	Biosynthesis of the iron-molybdenum cofactor and the molybdenum cofactor in Klebsiella pneumoniae: effect of sulfur source. <i>Journal of Bacteriology</i> , 1985 , 164, 1081-7	3.5	38
87	Endosymbiotic bacteria nodulating a new endemic lupine Lupinus mariae-josephi from alkaline soils in Eastern Spain represent a new lineage within the Bradyrhizobium genus. <i>Systematic and Applied Microbiology</i> , 2011 , 34, 207-15	4.2	37
86	Homocitrate cures the NifV ⁻ phenotype in Klebsiella pneumoniae. <i>Journal of Bacteriology</i> , 1988 , 170, 1978-9	3.5	36
85	Genetic diversity of indigenous rhizobial symbionts of the Lupinus mariae-josephae endemism from alkaline-limed soils within its area of distribution in Eastern Spain. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 128-36	4.2	35
84	Diversity of Bradyrhizobium strains nodulating Lupinus micranthus on both sides of the Western Mediterranean: Algeria and Spain. <i>Systematic and Applied Microbiology</i> , 2016 , 39, 266-274	4.2	33
83	The hypBFCDE operon from Rhizobium leguminosarum biovar viciae is expressed from an Fnr-type promoter that escapes mutagenesis of the fnrN gene. <i>Journal of Bacteriology</i> , 1995 , 177, 5661-9	3.5	32

82	Members of Microvirga and Bradyrhizobium genera are native endosymbiotic bacteria nodulating <i>Lupinus luteus</i> in Northern Tunisian soils. <i>FEMS Microbiology Ecology</i> , 2017 , 93,	4.3	30
81	<i>Rhizobium leguminosarum</i> hupE encodes a nickel transporter required for hydrogenase activity. <i>Journal of Bacteriology</i> , 2010 , 192, 925-35	3.5	30
80	Functional and expression analysis of the metal-inducible dmerF system from <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> . <i>Applied and Environmental Microbiology</i> , 2013 , 79, 6414-22	4.8	28
79	Culture-Dependent and Culture-Independent Characterization of the Olive Xylem Microbiota: Effect of Sap Extraction Methods. <i>Frontiers in Plant Science</i> , 2019 , 10, 1708	6.2	27
78	<i>Medicago truncatula</i> Zinc-Iron Permease6 provides zinc to rhizobia-infected nodule cells. <i>Plant, Cell and Environment</i> , 2017 , 40, 2706-2719	8.4	26
77	Generation of new hydrogen-recycling Rhizobiaceae strains by introduction of a novel hup minitransposon. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 4292-9	4.8	26
76	Multiplex amplicon sequencing for microbe identification in community-based culture collections. <i>Scientific Reports</i> , 2016 , 6, 29543	4.9	26
75	Diverse Bacteria Affiliated with the Genera <i>Microvirga</i> , <i>Phyllobacterium</i> , and <i>Bradyrhizobium</i> Nodulate <i>Lupinus micranthus</i> Growing in Soils of Northern Tunisia. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	24
74	MtMOT1.2 is responsible for molybdate supply to <i>Medicago truncatula</i> nodules. <i>Plant, Cell and Environment</i> , 2019 , 42, 310-320	8.4	24
73	<i>Rhizobium leguminosarum</i> biovar <i>viciae</i> symbiotic hydrogenase activity and processing are limited by the level of nickel in agricultural soils. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 7603-6	4.8	24
72	HupK, a hydrogenase-ancillary protein from <i>Rhizobium leguminosarum</i> , shares structural motifs with the large subunit of NiFe hydrogenases and could be a scaffolding protein for hydrogenase metal cofactor assembly. <i>Molecular Microbiology</i> , 1993 , 9, 1305-6	4.1	24
71	<i>Medicago truncatula</i> copper transporter 1 (MtCOPT1) delivers copper for symbiotic nitrogen fixation. <i>New Phytologist</i> , 2018 , 218, 696-709	9.8	23
70	Nickel availability and hupSL activation by heterologous regulators limit symbiotic expression of the <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> hydrogenase system in Hup(-) rhizobia. <i>Applied and Environmental Microbiology</i> , 2000 , 66, 937-42	4.8	23
69	<i>Bradyrhizobium algeriense</i> sp. nov., a novel species isolated from effective nodules of <i>Retama sphaerocarpa</i> from Northeastern Algeria. <i>Systematic and Applied Microbiology</i> , 2018 , 41, 333-339	4.2	22
68	Genome Sequences of a Plant Beneficial Synthetic Bacterial Community Reveal Genetic Features for Successful Plant Colonization. <i>Frontiers in Microbiology</i> , 2019 , 10, 1779	5.7	22
67	Engineering the <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> hydrogenase system for expression in free-living microaerobic cells and increased symbiotic hydrogenase activity. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 2461-7	4.8	21
66	Biosynthesis of the iron-molybdenum cofactor of nitrogenase. <i>BioFactors</i> , 1988 , 1, 199-205	6.1	21
65	Host-dependent expression of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> hydrogenase is controlled at transcriptional and post-transcriptional levels in legume nodules. <i>Molecular Plant-Microbe Interactions</i> , 2008 , 21, 597-604	3.6	20

64	Inhibition of iron-molybdenum cofactor binding to component I of nitrogenase.. <i>Journal of Biological Chemistry</i> , 1985 , 260, 3891-3894	5.4	20
63	Iron-molybdenum cofactor synthesis in <i>Azotobacter vinelandii</i> Nif- mutants. <i>Journal of Bacteriology</i> , 1987 , 169, 1784-6	3.5	19
62	Inhibition of iron-molybdenum cofactor binding to component I of nitrogenase. <i>Journal of Biological Chemistry</i> , 1985 , 260, 3891-4	5.4	19
61	A novel autoregulation mechanism of <i>fnrN</i> expression in <i>Rhizobium leguminosarum</i> bv <i>viciae</i> . <i>Molecular Microbiology</i> , 2000 , 36, 477-86	4.1	18
60	Temporal and Spatial Co-expression of Hydrogenase and Nitrogenase Genes from <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> in Pea (<i>Pisum sativum</i> L.) Root Nodules. <i>Molecular Plant-Microbe Interactions</i> , 1995 , 8, 235	3.6	18
59	Genomic Diversity in the Endosymbiotic Bacterium <i>Rhizobium leguminosarum</i> . <i>Genes</i> , 2018 , 9,	4.2	16
58	Molecular and functional characterization of the <i>Azorhizobium caulinodans</i> ORS571 hydrogenase gene cluster. <i>FEMS Microbiology Letters</i> , 2004 , 237, 399-405	2.9	16
57	<i>Rhizobium ruizarguesonis</i> sp. nov., isolated from nodules of <i>Pisum sativum</i> L. <i>Systematic and Applied Microbiology</i> , 2020 , 43, 126090	4.2	16
56	Population Genomics Analysis of Legume Host Preference for Specific Rhizobial Genotypes in the <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> Symbioses. <i>Molecular Plant-Microbe Interactions</i> , 2015 , 28, 310-8	3.6	15
55	<i>Cytisus villosus</i> from Northeastern Algeria is nodulated by genetically diverse Bradyrhizobium strains. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 1121-9	2.1	15
54	Symbiotic autoregulation of <i>nifA</i> expression in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> . <i>Journal of Bacteriology</i> , 2004 , 186, 6586-94	3.5	14
53	Biodiversity of uptake hydrogenase systems from legume endosymbiotic bacteria. <i>Biochemical Society Transactions</i> , 2005 , 33, 33-5	5.1	14
52	Genetics and biotechnology of the H ₂ -uptake [NiFe] hydrogenase from <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> , a legume endosymbiotic bacterium. <i>Biochemical Society Transactions</i> , 2005 , 33, 94-6	5.1	14
51	The hydrogenase gene cluster of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> contains an additional gene (<i>hypX</i>), which encodes a protein with sequence similarity to the N10-formyltetrahydrofolate-dependent enzyme family and is required for nickel-dependent hydrogenase activity. <i>Molecular Genetics and Metabolism</i> , 2001 , 65, 237-46		14
50	Defective nitrate assimilation by a derivative of <i>Klebsiella pneumoniae</i> strain C3 (formerly <i>Citrobacter intermedius</i> C3) which has lost the isocitrate dehydrogenase plasmid. <i>FEMS Microbiology Letters</i> , 1982 , 13, 247-252	2.9	14
49	MtMTP2-Facilitated Zinc Transport Into Intracellular Compartments Is Essential for Nodule Development in. <i>Frontiers in Plant Science</i> , 2018 , 9, 990	6.2	14
48	Definition of two new symbiovars, sv. <i>lupini</i> and sv. <i>mediterraneense</i> , within the genera <i>Bradyrhizobium</i> and <i>Phyllobacterium</i> efficiently nodulating <i>Lupinus micranthus</i> in Tunisia. <i>Systematic and Applied Microbiology</i> , 2018 , 41, 487-493	4.2	14
47	<i>Rhizobium leguminosarum</i> HupE is a highly-specific diffusion facilitator for nickel uptake. <i>Metallomics</i> , 2015 , 7, 691-701	4.5	13

46	Proteomic analysis of quorum sensing in <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> UPM791. <i>Proteomics</i> , 2006 , 6 Suppl 1, S97-106	4.8	13
45	Symbiotic hydrogenase activity in <i>Bradyrhizobium</i> sp. (<i>Vigna</i>) increases nitrogen content in <i>Vigna unguiculata</i> plants. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 7536-8	4.8	13
44	<i>Microvirga tunisiensis</i> sp. nov., a root nodule symbiotic bacterium isolated from <i>Lupinus micranthus</i> and <i>L. luteus</i> grown in Northern Tunisia. <i>Systematic and Applied Microbiology</i> , 2019 , 42, 126015	4.2	12
43	Dual role of HupF in the biosynthesis of [NiFe] hydrogenase in <i>Rhizobium leguminosarum</i> . <i>BMC Microbiology</i> , 2012 , 12, 256	4.5	12
42	Molecular and functional characterization of the <i>Azorhizobium caulinodans</i> ORS571 hydrogenase gene cluster. <i>FEMS Microbiology Letters</i> , 2004 , 237, 399-405	2.9	12
41	Biocontrol capabilities of the genus <i>Serratia</i> . <i>Phytochemistry Reviews</i> , 2020 , 19, 577-587	7.7	12
40	Regulation of the hydrogenase system in <i>Rhizobium leguminosarum</i> . <i>Plant and Soil</i> , 2001 , 230, 49-57	4.2	11
39	<i>Medicago truncatula</i> Ferroportin2 mediates iron import into nodule symbiosomes. <i>New Phytologist</i> , 2020 , 228, 194-209	9.8	10
38	Hydrogenase genes are uncommon and highly conserved in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> . <i>FEMS Microbiology Letters</i> , 2005 , 253, 83-8	2.9	10
37	Phylogenetic evidence of the transfer of <i>nodZ</i> and <i>nolL</i> genes from <i>Bradyrhizobium</i> to other rhizobia. <i>Molecular Phylogenetics and Evolution</i> , 2013 , 67, 626-30	4.1	9
36	Identification of a gene for a chemoreceptor of the methyl-accepting type in the symbiotic plasmid of <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> UPM791. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996 , 1308, 7-11		9
35	Conservation of endangered <i>Lupinus mariae-josephae</i> in its natural habitat by inoculation with selected, native <i>Bradyrhizobium</i> strains. <i>PLoS ONE</i> , 2014 , 9, e102205	3.7	8
34	Novel arrangement of enhancer sequences for NifA-dependent activation of the hydrogenase gene promoter in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 3185-91	3.5	8
33	Characterization of the urease gene cluster from <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> . <i>Archives of Microbiology</i> , 2002 , 177, 290-8	3	8
32	<i>Rhizobium leguminosarum</i> bv. <i>viciae</i> <i>hypA</i> gene is specifically expressed in pea (<i>Pisum sativum</i>) bacteroids and required for hydrogenase activity and processing. <i>FEMS Microbiology Letters</i> , 1998 , 169, 295-302	2.9	7
31	Characterization of a new internal promoter (P3) for <i>Rhizobium leguminosarum</i> hydrogenase accessory genes <i>hupGHIJ</i> . <i>Microbiology (United Kingdom)</i> , 2004 , 150, 665-675	2.9	7
30	Bacterial lipopolysaccharide extraction in silica gel-containing tubes. <i>Journal of Microbiological Methods</i> , 1991 , 14, 63-69	2.8	7
29	MtCOPT2 is a Cu transporter specifically expressed in <i>Medicago truncatula</i> mycorrhizal roots. <i>Mycorrhiza</i> , 2020 , 30, 781-788	3.9	7

28	Neorhizobium tomejilense sp. nov., first non-symbiotic Neorhizobium species isolated from a dryland agricultural soil in southern Spain. <i>Systematic and Applied Microbiology</i> , 2019 , 42, 128-134	4.2	7
27	Polyphenol-Functionalized Plant Viral-Derived Nanoparticles Exhibit Strong Antimicrobial and Antibiofilm Formation Activities.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2040-2047	4.1	6
26	RNA sequencing and analysis of three Lupinus nodulomes provide new insights into specific host-symbiont relationships with compatible and incompatible Bradyrhizobium strains. <i>Plant Science</i> , 2018 , 266, 102-116	5.3	5
25	Nitrogen Assimilation in Bacteria 2019 ,		5
24	Maturation of Rhizobium leguminosarum hydrogenase in the presence of oxygen requires the interaction of the chaperone HypC and the scaffolding protein HupK. <i>Journal of Biological Chemistry</i> , 2014 , 289, 21217-29	5.4	5
23	Computational study of the Fe(CN) ₂ CO cofactor and its binding to HypC protein. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 13523-33	3.4	5
22	Identification of gene products from the Azotobacter vinelandii nifBfdxNnifOQ operon. <i>FEMS Microbiology Letters</i> , 1997 , 157, 19-25	2.9	5
21	Hydrogen-uptake genes improve symbiotic efficiency in common beans (Phaseolus vulgaris L.). <i>Antonie Van Leeuwenhoek</i> , 2020 , 113, 687-696	2.1	5
20	Complete Circularized Genome Data of Two Spanish strains of (IVIA5235 and IVIA5901) Using Hybrid Assembly Approaches. <i>Phytopathology</i> , 2020 , 110, 969-972	3.8	4
19	Novel, non-symbiotic isolates of from a dryland agricultural soil. <i>PeerJ</i> , 2018 , 6, e4776	3.1	4
18	Phylogenetic Analyses of Rhizobia Isolated from Nodules of Lupinus angustifolius in Northern Tunisia Reveal Devosia sp. as a New Microsymbiont of Lupin Species. <i>Agronomy</i> , 2021 , 11, 1510	3.6	4
17	Nicotianamine Synthase 2 Is Required for Symbiotic Nitrogen Fixation in Nodules. <i>Frontiers in Plant Science</i> , 2019 , 10, 1780	6.2	3
16	Draft genome sequence of LMTR 21 isolated from Lima bean () in Peru. <i>Genomics Data</i> , 2017 , 13, 38-40		3
15	Genome sequence of sp. LMTR 3, a diazotrophic symbiont of Lima bean (). <i>Genomics Data</i> , 2017 , 13, 35-37		3
14	The Bradyrhizobium Sp. LmicA16 Type VI Secretion System Is Required for Efficient Nodulation of Lupinus Spp. <i>Microbial Ecology</i> , 2021 , 1	4.4	2
13	Medicago truncatulaMOT1.3 is a plasma membrane molybdenum transporter required for nitrogenase activity in root nodules		2
12	Medicago truncatulaFerroportin2 mediates iron import into nodule symbiosomes		2
11	Characterization of a novel MIIA domain-containing protein (Mdce) in Bradyrhizobium spp. <i>FEMS Microbiology Letters</i> , 2018 , 365,	2.9	1

10	Pool-Seq Analysis of Microsymbiont Selection by the Legume Plant Host 2015 , 725-736		1
9	Nicotianamine synthase 2 is required for symbiotic nitrogen fixation in <i>Medicago truncatula</i> nodules		1
8	<i>Medicago truncatula</i> copper transporter 1 (MtCOPT1) delivers copper for symbiotic nitrogen fixation		1
7	<i>Medicago truncatula</i> Yellow Stripe-Like7 encodes a peptide transporter required for symbiotic nitrogen fixation		1
6	The <i>Medicago truncatula</i> Yellow Stripe1-Like3 gene is involved in vascular delivery of transition metals to root nodules. <i>Journal of Experimental Botany</i> , 2020 , 71, 7257-7269	7	1
5	<i>Medicago truncatula</i> Yellow Stripe-Like7 encodes a peptide transporter participating in symbiotic nitrogen fixation. <i>Plant, Cell and Environment</i> , 2021 , 44, 1908-1920	8.4	0
4	Biodiversity of Slow-Growing Rhizobia 2013 , 21-46		
3	Correlation Between Isocitrate Dehydrogenase Activity and Glutamate Excretion by <i>Citrobacter intermedius</i> C3. <i>Microbiology (United Kingdom)</i> , 1981 , 122, 167-170		2.9
2	The Nifo Gene Product is Responsible for the Ability of <i>Azotobacter Vinelandii</i> to Simultaneously Assimilate Nitrate and N ₂ . <i>Current Plant Science and Biotechnology in Agriculture</i> , 1995 , 213-261		
1	Symbiotic Expression of Hydrogenase and Nitrogenase Activities of <i>Rhizobium leguminosarum</i> bv. <i>Viciae</i> are Controlled by FnrN. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1998 , 286-286		