Ravi P Tiwari

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43 papers	1,167 citations	19 h-index	34 g-index
43 ext. papers	1,303 ext. citations	4 avg, IF	3.44 L-index

#	Paper	IF	Citations
43	Constructs for insertional mutagenesis, transcriptional signal localization and gene regulation studies in root nodule and other bacteria. *Microbiology (United Kingdom)*, **1999**, 145 (Pt 6), 1307-1316	2.9	109
42	In situ lateral transfer of symbiosis islands results in rapid evolution of diverse competitive strains of mesorhizobia suboptimal in symbiotic nitrogen fixation on the pasture legume Biserrula pelecinus L. *Environmental Microbiology*, **2007**, 9, 2496-511	5.2	97
41	The model legume Medicago truncatula A17 is poorly matched for N2 fixation with the sequenced microsymbiont Sinorhizobium meliloti 1021. *New Phytologist*, **2008**, 179, 62-66	9.8	94
40	Complete genome sequence of the Medicago microsymbiont Ensifer (Sinorhizobium) medicae strain WSM419. *Standards in Genomic Sciences*, **2010**, 2, 77-86		80
39	Rapid in situ evolution of nodulating strains for Biserrula pelecinus L. through lateral transfer of a symbiosis island from the original mesorhizobial inoculant. *Applied and Environmental Microbiology*, **2006**, 72, 7365-7	4.8	77
38	ActP controls copper homeostasis in Rhizobium leguminosarum bv. viciae and Sinorhizobium meliloti preventing low pH-induced copper toxicity. *Molecular Microbiology*, **2002**, 43, 981-91	4.1	65
37	Colonization of Phaseolus vulgaris nodules by Agrobacterium-like strains. *Canadian Journal of Microbiology*, **2005**, 51, 105-11	3.2	58
36	Mesorhizobium australicum sp. nov. and Mesorhizobium opportunistum sp. nov., isolated from Biserrula pelecinus L. in Australia. *International Journal of Systematic and Evolutionary Microbiology*, **2009**, 59, 2140-7	2.2	51
35	An essential role for actA in acid tolerance of Rhizobium meliloti. *Microbiology (United Kingdom)*, **1996**, 142 (Pt 3), 601-610	2.9	49
34	Complete genome sequence of Rhizobium leguminosarum bv. trifolii strain WSM1325, an effective microsymbiont of annual Mediterranean clovers. *Standards in Genomic Sciences*, **2010**, 2, 347-56		45
33	The transcriptional regulator gene phrR in Sinorhizobium meliloti WSM419 is regulated by low pH and other stresses. *Microbiology (United Kingdom)*, **1998**, 144 (Pt 12), 3335-3342	2.9	42
32	Nodulation of legumes from the Thar desert of India and molecular characterization of their rhizobia. *Plant and Soil*, **2012**, 357, 227-243	4.2	41
31	Complete genome sequence of Rhizobium leguminosarum bv trifolii strain WSM2304, an effective microsymbiont of the South American clover Trifolium polymorphum. *Standards in Genomic Sciences*, **2010**, 2, 66-76		39
30	The Sinorhizobium medicae WSM419 lpiA gene is transcriptionally activated by FsrR and required to enhance survival in lethal acid conditions. *Microbiology (United Kingdom)*, **2006**, 152, 3049-3059	2.9	38
29	Mesorhizobium ciceri biovar biserrulae, a novel biovar nodulating the pasture legume Biserrula pelecinus L. *International Journal of Systematic and Evolutionary Microbiology*, **2007**, 57, 1041-1045	2.2	38
28	Regulation of exopolysaccharide production in Rhizobium leguminosarum biovar viciae WSM710 involves exoR. *Microbiology (United Kingdom)*, **1997**, 143 (Pt 6), 1951-1958	2.9	36
27	Sinorhizobium medicaegenes whose regulation involves the ActS and/or ActR signal transduction proteins. *FEMS Microbiology Letters*, **2004**, 236, 21-31	2.9	25

26	Competitiveness and symbiotic effectiveness of a R. gallicum strain isolated from root nodules of Phaseolus vulgaris. *European Journal of Agronomy*, **2005**, 22, 209-216	5	23
25	Root nodule bacteria isolated from South African Lotononis bainesii, L. listii and L. solitudinis are species of Methylobacterium that are unable to utilize methanol. *Archives of Microbiology*, **2009**, 191, 311-8	3	19
24	Probing for pH-regulated proteins in Sinorhizobium medicae using proteomic analysis. *Journal of Molecular Microbiology and Biotechnology*, **2004**, 7, 140-7	0.9	18
23	Complete genome sequence of Mesorhizobium ciceri bv. biserrulae type strain (WSM1271(T)). *Standards in Genomic Sciences*, **2014**, 9, 462-72		16
22	Probing for pH-regulated genes in Sinorhizobium medicae using transcriptional analysis. *Journal of Molecular Microbiology and Biotechnology*, **2004**, 7, 133-9	0.9	16
21	Genome sequence of Ensifer sp. TW10; a Tephrosia wallichii (Biyani) microsymbiont native to the Indian Thar Desert. *Standards in Genomic Sciences*, **2013**, 9, 304-14		11
20	Sinorhizobium medicae genes whose regulation involves the ActS and/or ActR signal transduction proteins. *FEMS Microbiology Letters*, **2004**, 236, 21-31	2.9	11
19	Complete genome sequence of Mesorhizobium opportunistum type strain WSM2075(T.). *Standards in Genomic Sciences*, **2013**, 9, 294-303		10
18	Complete genome sequence of Mesorhizobium australicum type strain (WSM2073(T)). *Standards in Genomic Sciences*, **2013**, 9, 410-9		9
17	Uracil DNA glycosylase (UDG) activities in Bradyrhizobium diazoefficiens: characterization of a new class of UDG with broad substrate specificity. *Nucleic Acids Research*, **2017**, 45, 5863-5876	20.1	8
16	Genome sequence of the clover-nodulating Rhizobium leguminosarum bv. trifolii strain TA1. *Standards in Genomic Sciences*, **2013**, 9, 243-53		8
15	High-quality permanent draft genome sequence of Ensifer sp. PC2, isolated from a nitrogen-fixing root nodule of the legume tree (Khejri) native to the Thar Desert of India. *Standards in Genomic Sciences*, **2016**, 11, 43		6
14	Genome sequence of the Lebeckia ambigua-nodulating "Burkholderia sprentiae" strain WSM5005(T.). *Standards in Genomic Sciences*, **2013**, 9, 385-94		6
13	Genome sequence of the Listia angolensis microsymbiont Microvirga lotononidis strain WSM3557(T.). *Standards in Genomic Sciences*, **2014**, 9, 540-50		4
12	A helicase gene (helO) in Rhizobium meliloti WSM419. *FEMS Microbiology Letters*, **1997**, 153, 43-9	2.9	4
11	Genome sequence of Bradyrhizobium sp. WSM1253; a microsymbiont of Ornithopus compressus from the Greek Island of Sifnos. *Standards in Genomic Sciences*, **2015**, 10, 113		3
10	Genome sequence of the Trifolium rueppellianum -nodulating Rhizobium leguminosarum bv. trifolii strain WSM2012. *Standards in Genomic Sciences*, **2013**, 9, 283-93		3
9	Genome sequence of the South American clover-nodulating Rhizobium leguminosarum bv. trifolii strain WSM597. *Standards in Genomic Sciences*, **2013**, 9, 264-72		3

8	Genome sequence of the lupin-nodulating Bradyrhizobium sp. strain WSM1417. *Standards in Genomic Sciences*, **2013**, 9, 273-82		2
7	Evolution of a multi-step phosphorelay signal transduction system in Ensifer: recruitment of the sigma factor RpoN and a novel enhancer-binding protein triggers acid-activated gene expression. *Molecular Microbiology*, **2017**, 103, 829-844	4.1	1
6	High-quality permanent draft genome sequence of Bradyrhizobium sp. strain WSM1743 - an effective microsymbiont of an Indigofera sp. growing in Australia. *Standards in Genomic Sciences*, **2015**, 10, 87		1
5	Biserrula pelecinus L. is a promising forage legume for the central Ethiopian highlands. *Grass and Forage Science*, **2021**, 76, 105-115	2.3	1
4	Genome sequence of the Ornithopus/Lupinus-nodulating Bradyrhizobium sp. strain WSM471. *Standards in Genomic Sciences*, **2013**, 9, 254-63		
3	Genetic Circuits Involved in the Response of Root Nodule Bacteria to Low pH. *Current Plant Science and Biotechnology in Agriculture*, **2000**, 475-476		
2	A Gene Region Conferring Stress Tolerance to Rhizobium leguminosarum bv viciae and Sinorhizobium meliloti. *Current Plant Science and Biotechnology in Agriculture*, **2002**, 489-489		
1	Complete genome sequence of Mesorhizobium australicum type strain (WSM2073T). *Standards in Genomic Sciences*, **2013**, 9, 1-15		