Ravi P Tiwari

List of Publications by Year in Descending Order

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	Biserrula pelecinus L. is a promising forage legume for the central Ethiopian highlands. *Grass and Forage Science*, **2021**, 76, 105-115	2.3	1
42	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
41	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
40	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
39	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
38	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
37	Genome sequence of the Listia angolensis microsymbiont Microvirga lotononidis strain WSM3557(T.). *Standards in Genomic Sciences*, **2014**, 9, 540-50		4
36	Complete genome sequence of Mesorhizobium ciceri bv. biserrulae type strain (WSM1271(T)). *Standards in Genomic Sciences*, **2014**, 9, 462-72		16
35	Genome sequence of the Trifolium rueppellianum -nodulating Rhizobium leguminosarum bv. trifolii strain WSM2012. *Standards in Genomic Sciences*, **2013**, 9, 283-93		3
34	Genome sequence of the clover-nodulating Rhizobium leguminosarum bv. trifolii strain TA1. *Standards in Genomic Sciences*, **2013**, 9, 243-53		8
33	Genome sequence of the Ornithopus/Lupinus-nodulating Bradyrhizobium sp. strain WSM471. *Standards in Genomic Sciences*, **2013**, 9, 254-63		
32	Genome sequence of the South American clover-nodulating Rhizobium leguminosarum bv. trifolii strain WSM597. *Standards in Genomic Sciences*, **2013**, 9, 264-72		3
31	Genome sequence of the lupin-nodulating Bradyrhizobium sp. strain WSM1417. *Standards in Genomic Sciences*, **2013**, 9, 273-82		2
30	Complete genome sequence of Mesorhizobium opportunistum type strain WSM2075(T.). *Standards in Genomic Sciences*, **2013**, 9, 294-303		10
29	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
28	Complete genome sequence of Mesorhizobium australicum type strain (WSM2073(T)). *Standards in Genomic Sciences*, **2013**, 9, 410-9		9
27	Genome sequence of the Lebeckia ambigua-nodulating "Burkholderia sprentiae" strain WSM5005(T.). *Standards in Genomic Sciences*, **2013**, 9, 385-94		6

26	Complete genome sequence of Mesorhizobium australicum type strain (WSM2073T). *Standards in Genomic Sciences*, **2013**, 9, 1-15		
25	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
24	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
23	Complete genome sequence of the Medicago microsymbiont Ensifer (Sinorhizobium) medicae strain WSM419. *Standards in Genomic Sciences*, **2010**, 2, 77-86		80
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	Colonization of Phaseolus vulgaris nodules by Agrobacterium-like strains. *Canadian Journal of Microbiology*, **2005**, 51, 105-11	3.2	58
13	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
12	Probing for pH-regulated genes in Sinorhizobium medicae using transcriptional analysis. *Journal of Molecular Microbiology and Biotechnology*, **2004**, 7, 133-9	0.9	16
11	Probing for pH-regulated proteins in Sinorhizobium medicae using proteomic analysis. *Journal of Molecular Microbiology and Biotechnology*, **2004**, 7, 140-7	0.9	18
10	Sinorhizobium medicaegenes whose regulation involves the ActS and/or ActR signal transduction proteins. *FEMS Microbiology Letters*, **2004**, 236, 21-31	2.9	25
9	Sinorhizobium medicae genes whose regulation involves the ActS and/or ActR signal transduction proteins. *FEMS Microbiology Letters*, **2004**, 236, 21-31	2.9	11

8	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
7	A Gene Region Conferring Stress Tolerance to Rhizobium leguminosarum bv viciae and Sinorhizobium meliloti. *Current Plant Science and Biotechnology in Agriculture*, **2002**, 489-489		
6	Genetic Circuits Involved in the Response of Root Nodule Bacteria to Low pH. *Current Plant Science and Biotechnology in Agriculture*, **2000**, 475-476		
5	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
4	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
3	Regulation of exopolysaccharide production in Rhizobium leguminosarum biovar viciae WSM710 involves exoR. *Microbiology (United Kingdom)*, **1997**, 143 (Pt 6), 1951-1958	2.9	36
2	A helicase gene (helO) in Rhizobium meliloti WSM419. *FEMS Microbiology Letters*, **1997**, 153, 43-9	2.9	4
1	An essential role for actA in acid tolerance of Rhizobium meliloti. *Microbiology (United Kingdom)*, **1996**, 142 (Pt 3), 601-610	2.9	49