

Nisha Tak

List of Publications by Year in descending order

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15
papers

415
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1040056

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#	ARTICLE	IF	CITATIONS
1	Integrated physiological and comparative proteomics analysis of contrasting genotypes of pearl millet reveals underlying salt-responsive mechanisms. <i>Physiologia Plantarum</i> , 2022, 174, e13605.	5.2	7
2	Evolution of novel strains of <i>Ensifer</i> nodulating the invasive legume <i>Leucaena leucocephala</i> (Lam.) de Wit in different climatic regions of India through lateral gene transfer. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	2.7	4
3	The widely distributed legume tree <i>Vachellia</i> (Acacia) <i>nilotica</i> subsp. <i>indica</i> is nodulated by genetically diverse <i>Ensifer</i> strains in India. <i>Symbiosis</i> , 2020, 80, 15-31.	2.3	16
4	Methods for Isolation and Characterization of Nitrogen-Fixing Legume-Nodulating Bacteria. <i>Methods in Molecular Biology</i> , 2020, 2057, 119-143.	0.9	5
5	Diversity of Nitrogen-Fixing Symbiotic Rhizobia with Special Reference to Indian Thar Desert. , 2019, , 31-55.		5
6	Selection of Bradyrhizobium or Ensifer symbionts by the native Indian caesalpinoid legume <i>Chamaecrista pumila</i> depends on soil pH and other edaphic and climatic factors. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	46
7	Identification and molecular characterization of root nodule microsymbiont of <i>Trigonella foenum-graecum</i> L. growing in different soils from Western Rajasthan, India. <i>Journal of Environmental Biology</i> , 2018, 39, 684-692.	0.5	8
8	Molecular characterization of nitrogen fixing microsymbionts from root nodules of <i>Vachellia</i> (Acacia) <i>jacquemontii</i> , a native legume from the Thar Desert of India. <i>Plant and Soil</i> , 2017, 410, 21-40.	3.7	63
9	Genomic characterization of <i>Ensifer aridi</i> , a proposed new species of nitrogen-fixing rhizobium recovered from Asian, African and American deserts. <i>BMC Genomics</i> , 2017, 18, 85.	2.8	34
10	Molecular characterization of novel Bradyrhizobium strains nodulating <i>Eriosema chinense</i> and <i>Flemingia vestita</i> , important unexplored native legumes of the sub-Himalayan region (Meghalaya) of India. <i>Systematic and Applied Microbiology</i> , 2017, 40, 334-344.	2.8	25
11	Multi locus sequence analysis and symbiotic characterization of novel <i>Ensifer</i> strains nodulating <i>Tephrosia</i> spp. in the Indian Thar Desert. <i>Systematic and Applied Microbiology</i> , 2016, 39, 534-545.	2.8	24
12	High-quality permanent draft genome sequence of <i>Ensifer</i> sp. PC2, isolated from a nitrogen-fixing root nodule of the legume tree (Khejri) native to the Thar Desert of India. <i>Standards in Genomic Sciences</i> , 2016, 11, 43.	1.5	7
13	An invasive <i>Mimosa</i> in India does not adopt the symbionts of its native relatives. <i>Annals of Botany</i> , 2013, 112, 179-196.	2.9	100
14	Genome sequence of <i>Ensifer</i> sp. TW10; a <i>Tephrosia wallichii</i> (Biyani) microsymbiont native to the Indian Thar Desert. <i>Standards in Genomic Sciences</i> , 2013, 9, 304-314.	1.5	12
15	Nodulation of legumes from the Thar desert of India and molecular characterization of their rhizobia. <i>Plant and Soil</i> , 2012, 357, 227-243.	3.7	57