

# Ridha Mhamdi

## List of Publications by Citations

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60  
papers

1,621  
citations

23  
h-index

39  
g-index

61  
ext. papers

1,909  
ext. citations

4  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
60	Microbial inoculants and their impact on soil microbial communities: a review. <i>BioMed Research International</i> , <b>2013</b> , 2013, 863240	3	191
59	Different species and symbiotic genotypes of field rhizobia can nodulate <i>Phaseolus vulgaris</i> in Tunisian soils. <i>FEMS Microbiology Ecology</i> , <b>2002</b> , 41, 77-84	4.3	105
58	Salt-tolerant rhizobia isolated from a Tunisian oasis that are highly effective for symbiotic N <sub>2</sub> -fixation with <i>Phaseolus vulgaris</i> constitute a novel biovar (bv. mediterranense) of <i>Sinorhizobium meliloti</i> . <i>Archives of Microbiology</i> , <b>2007</b> , 187, 79-85	3	94
57	Minimal standards for the description of new genera and species of rhizobia and agrobacteria. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 69, 1852-1863	2.2	94
56	<i>Rhizobium laguerreae</i> sp. nov. nodulates <i>Vicia faba</i> on several continents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 242-247	2.2	77
55	Colonization of <i>Phaseolus vulgaris</i> nodules by <i>Agrobacterium</i> -like strains. <i>Canadian Journal of Microbiology</i> , <b>2005</b> , 51, 105-11	3.2	58
54	Nodulation and growth of common bean ( <i>Phaseolus vulgaris</i> ) under water deficiency. <i>Soil Biology and Biochemistry</i> , <b>2007</b> , 39, 1744-1750	7.5	56
53	Genotypic diversity and symbiotic effectiveness of rhizobia isolated from root nodules of <i>Phaseolus vulgaris</i> L. grown in Tunisian soils. <i>Biology and Fertility of Soils</i> , <b>1999</b> , 28, 313-320	6.1	55
52	Effect of on-field inoculation of <i>Phaseolus vulgaris</i> with rhizobia on soil bacterial communities. <i>FEMS Microbiology Ecology</i> , <b>2011</b> , 77, 211-22	4.3	54
51	<i>Agrobacterium</i> strains isolated from root nodules of common bean specifically reduce nodulation by <i>Rhizobium gallicum</i> . <i>FEMS Microbiology Ecology</i> , <b>2006</b> , 56, 304-9	4.3	52
50	The diversity of rhizobia nodulating chickpea ( <i>Cicer arietinum</i> ) under water deficiency as a source of more efficient inoculants. <i>Soil Biology and Biochemistry</i> , <b>2009</b> , 41, 2568-2572	7.5	47
49	Distribution and genetic diversity of rhizobia nodulating natural populations of <i>Medicago truncatula</i> in tunisian soils. <i>Soil Biology and Biochemistry</i> , <b>2004</b> , 36, 903-908	7.5	43
48	Appraisal of the crop-rotation effect of rhizobial inoculation on potato cropping systems in relation to soil bacterial communities. <i>Soil Biology and Biochemistry</i> , <b>2012</b> , 54, 1-6	7.5	42
47	<i>Rhizobium azibense</i> sp. nov., a nitrogen fixing bacterium isolated from root-nodules of <i>Phaseolus vulgaris</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 1501-1506	2.2	40
46	<i>Sinorhizobium americanum</i> symbiovar mediterranense is a predominant symbiont that nodulates and fixes nitrogen with common bean ( <i>Phaseolus vulgaris</i> L.) in a Northern Tunisian field. <i>Systematic and Applied Microbiology</i> , <b>2012</b> , 35, 263-9	4.2	39
45	Competition for nodule formation between introduced strains of <i>Mesorhizobium ciceri</i> and the native populations of rhizobia nodulating chickpea ( <i>Cicer arietinum</i> ) in Tunisia. <i>World Journal of Microbiology and Biotechnology</i> , <b>2007</b> , 23, 1195-1201	4.4	37
44	Anti-fungal activity of bacterial endophytes associated with legumes against <i>Fusarium solani</i> : Assessment of fungi soil suppressiveness and plant protection induction. <i>Applied Soil Ecology</i> , <b>2018</b> , 124, 131-140	5	34

43	Characterization of root-nodule bacteria isolated from <i>Vicia faba</i> and selection of plant growth promoting isolates. <i>World Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 29, 1099-106	4.4	27
42	Symbiotic diversity of <i>Ensifer meliloti</i> strains recovered from various legume species in Tunisia. <i>Systematic and Applied Microbiology</i> , <b>2009</b> , 32, 583-92	4.2	25
41	Characterization of rhizobia nodulating chickpea in Tunisia. <i>Agronomy for Sustainable Development</i> , <b>2001</b> , 21, 577-581		25
40	Inoculation of <i>Phaseolus vulgaris</i> with the nodule-endophyte <i>Agrobacterium</i> sp. 10C2 affects richness and structure of rhizosphere bacterial communities and enhances nodulation and growth. <i>Archives of Microbiology</i> , <b>2015</b> , 197, 805-13	3	24
39	Diversity of nodule-endophytic agrobacteria-like strains associated with different grain legumes in Tunisia. <i>Systematic and Applied Microbiology</i> , <b>2011</b> , 34, 524-30	4.2	24
38	Genetic diversity of <i>Sinorhizobium</i> populations recovered from different <i>Medicago</i> varieties cultivated in Tunisian soils. <i>Canadian Journal of Microbiology</i> , <b>2001</b> , 47, 139-147	3.2	24
37	Competitiveness and symbiotic effectiveness of a <i>R. gallicum</i> strain isolated from root nodules of <i>Phaseolus vulgaris</i> . <i>European Journal of Agronomy</i> , <b>2005</b> , 22, 209-216	5	23
36	Efficacy of some rhizospheric and endophytic bacteria in vitro and as seed coating for the control of <i>Fusarium culmorum</i> infecting durum wheat in Tunisia. <i>European Journal of Plant Pathology</i> , <b>2017</b> , 147, 501-515	2.1	22
35	<i>Rhizobium gallicum</i> as an efficient symbiont for bean cultivation. <i>Agronomy for Sustainable Development</i> , <b>2007</b> , 27, 331-336	6.8	20
34	Fertilization of <i>Phaseolus vulgaris</i> with the Tunisian rock phosphate affects richness and structure of rhizosphere bacterial communities. <i>Applied Soil Ecology</i> , <b>2017</b> , 114, 1-8	5	19
33	Isolation, identification and plant growth promotion ability of endophytic bacteria associated with lupine root nodule grown in Tunisian soil. <i>Archives of Microbiology</i> , <b>2019</b> , 201, 1333-1349	3	19
32	Genetic diversity and salt tolerance of <i>Sinorhizobium</i> populations from two Tunisian soils. <i>Annals of Microbiology</i> , <b>2010</b> , 60, 541-547	3.2	18
31	Potential for inoculation of common bean by effective rhizobia in Tunisian soils. <i>Agronomy for Sustainable Development</i> , <b>1997</b> , 17, 445-454		18
30	How Cultivar and Extraction Conditions Affect Antioxidants Type and Extractability for Olive Leaves Valorization. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 5107-5118	8.3	16
29	Nodule Senescence in <i>Medicago truncatula</i> <i>Sinorhizobium</i> Symbiosis Under Abiotic Constraints: Biochemical and Structural Processes Involved in Maintaining Nitrogen-Fixing Capacity. <i>Journal of Plant Growth Regulation</i> , <b>2011</b> , 30, 480-489	4.7	16
28	Inefficient nodulation of chickpea ( <i>Cicer arietinum</i> L.) in the arid and Saharan climates in Tunisia by <i>Sinorhizobium meliloti</i> biovar <i>medicaginis</i> . <i>Annals of Microbiology</i> , <b>2007</b> , 57, 15-19	3.2	16
27	Selection of High Nitrogen-Fixing Rhizobia Nodulating Chickpea ( <i>Cicer arietinum</i> ) for Semi-Arid Tunisia. <i>Journal of Agronomy and Crop Science</i> , <b>2008</b> , 194, 413	3.9	15
26	Inoculation with Elite Strains of Phosphate-Solubilizing Bacteria Enhances the Effectiveness of Fertilization with Rock Phosphates. <i>Geomicrobiology Journal</i> , <b>2020</b> , 37, 22-30	2.5	15

25	Genetic diversity and salt tolerance of bacterial communities from two Tunisian soils. <i>Annals of Microbiology</i> , <b>2009</b> , 59, 25-32	3.2	13
24	Diversity of Sinorhizobium Meliloti and S. medicae Nodulating Medicago Truncatula According to Host and Soil Origins. <i>World Journal of Microbiology and Biotechnology</i> , <b>2005</b> , 21, 1009-1015	4.4	13
23	Potential Hepatoprotective Activity of Super Critical Carbon Dioxide Olive Leaf Extracts against CCl-Induced Liver Damage. <i>Foods</i> , <b>2020</b> , 9,	4.9	12
22	The antibiosis of nodule-endophytic agrobacteria and its potential effect on nodule functioning of Phaseolus vulgaris. <i>Archives of Microbiology</i> , <b>2012</b> , 194, 1013-21	3	12
21	Fluazifop-P-butyl (herbicide) affects richness and structure of soil bacterial communities. <i>Soil Biology and Biochemistry</i> , <b>2015</b> , 81, 89-97	7.5	11
20	Inoculation of Phaseolus vulgaris, Medicago laciniata and Medicago polymorpha with Agrobacterium sp. strain 10C2 may enhance nodulation and shoot dry weight but does not affect host range specificity. <i>Annals of Microbiology</i> , <b>2012</b> , 62, 1811-1817	3.2	10
19	Nodulation and growth of common bean under NaCl-stress. <i>Soil Biology and Biochemistry</i> , <b>1998</b> , 30, 1473-1475	7.5	9
18	Growth capacity and biochemical mechanisms involved in rhizobia tolerance to salinity and water deficit. <i>Journal of Basic Microbiology</i> , <b>2015</b> , 55, 451-61	2.7	7
17	Diversity and geographic distribution of fungal strains infecting field-grown common bean (Phaseolus vulgaris L.) in Tunisia. <i>European Journal of Plant Pathology</i> , <b>2019</b> , 153, 947-955	2.1	7
16	Phoma medicaginis colonizes Medicago truncatula root nodules and affects nitrogen fixation capacity. <i>European Journal of Plant Pathology</i> , <b>2015</b> , 141, 375-383	2.1	6
15	Diversity of rhizobia nodulating sulla (Hedysarum coronarium L.) and selection of inoculant strains for semi-arid Tunisia. <i>Annals of Microbiology</i> , <b>2012</b> , 62, 77-84	3.2	6
14	Salt tolerance of a Sinorhizobium meliloti strain isolated from dry lands: growth capacity and protein profile changes. <i>Annals of Microbiology</i> , <b>2011</b> , 61, 361-369	3.2	6
13	Nodules and roots of Vicia faba are inhabited by quite different populations of associated bacteria. <i>Applied Soil Ecology</i> , <b>2017</b> , 119, 72-79	5	4
12	Improvements of Durum Wheat Main Crop in Weed Control, Productivity and Grain Quality through the Inclusion of FenuGreek and Clover as Companion Plants: Effect of N Fertilization Regime. <i>Agronomy</i> , <b>2021</b> , 11, 78	3.6	4
11	Marinated Anchovies (Engraulis encrasicolus) Prepared with Flavored Olive Oils (Chbouï cv.): Anisakicidal Effect, Microbiological, and Sensory Evaluation. <i>Sustainability</i> , <b>2021</b> , 13, 5310	3.6	4
10	Inoculation of Lupinus albus with the nodule-endophyte Paenibacillus glycanilyticus LJ121 improves grain nutritional quality. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 283-291	3	4
9	High-quality permanent draft genome sequence of Ensifer meliloti strain 4H41, an effective salt- and drought-tolerant microsymbiont of Phaseolus vulgaris. <i>Standards in Genomic Sciences</i> , <b>2015</b> , 10, 34		3
8	Industrial-Scale Study of the Chemical Composition of Olive Oil Process-Derived Matrices. <i>Processes</i> , <b>2020</b> , 8, 701	2.9	2

7	Genotypic and symbiotic diversity of native rhizobia nodulating red pea ( <i>Lathyrus cicera</i> L.) in Tunisia. <i>Systematic and Applied Microbiology</i> , <b>2020</b> , 43, 126049	4.2	1
6	Potentialities and soil impact analysis of rock phosphorus fertilization of perennial and annual legume crops. <i>Archives of Agronomy and Soil Science</i> , <b>2020</b> , 66, 1074-1088	2	1
5	Response of intercropped barley and fenugreek to mono- and co-inoculation with <i>Sinorhizobium meliloti</i> F42 and <i>Variovorax paradoxus</i> F310 under contrasting agroclimatic regions. <i>Archives of Microbiology</i> , <b>2021</b> , 203, 1657-1670	3	1
4	Biocontrol of <i>Rhizoctonia solani</i> using volatile organic compounds of solanaceae seed-borne endophytic bacteria. <i>Postharvest Biology and Technology</i> , <b>2021</b> , 181, 111655	6.2	1
3	Proximate composition, lipid and phenolic profiles, and antioxidant activity of different ecotypes of <i>Lupinus albus</i> , <i>Lupinus luteus</i> and <i>Lupinus angustifolius</i> . <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 1241-1257	2.8	0
2	Protists modulate <i>Fusarium</i> root rot suppression by beneficial bacteria. <i>Applied Soil Ecology</i> , <b>2021</b> , 168, 104158	5	0
1	Contrasting effects of the inoculation time with passenger endophytic <i>Agrobacterium</i> sp.10C2 on the nodule functioning and growth of <i>Medicago truncatula</i> . <i>Rhizosphere</i> , <b>2022</b> , 22, 100505	3.5	0