Pilar MartÃ-nez-Hidalgo

List of Publications by Year
in descending order

29 papers	1,386 citations	471509 17 h-index	580821 25 g-index
34 all docs	34 docs citations	34 times ranked	1743 citing authors

#	Article	IF	Citations
1	The Nodule Microbiome: N₂-Fixing Rhizobia Do Not Live Alone. Phytobiomes Journal, 2017, 1, 70-82.	2.7	215
2	Antifungal Activity of Bacillus Species Against Fusarium and Analysis of the Potential Mechanisms Used in Biocontrol. Frontiers in Microbiology, 2018, 9, 2363.	3.5	172
3	Chitinase-producing bacteria and their role in biocontrol. AIMS Microbiology, 2017, 3, 689-705.	2.2	141
4	Induced systemic resistance against Botrytis cinerea by Micromonospora strains isolated from root nodules. Frontiers in Microbiology, 2015, 6, 922.	3.5	101
5	Use of Rhizobium leguminosarum as a potential biofertilizer for Lactuca sativa and Daucus carota crops. Journal of Plant Nutrition and Soil Science, 2013, 176, 876-882.	1.9	99
6	The rhizosphere microbiome of burned holm-oak: potential role of the genus Arthrobacter in the recovery of burned soils. Scientific Reports, 2017, 7, 6008.	3.3	88
7	Micromonospora from nitrogen fixing nodules of alfalfa (Medicago sativa L.). A new promising Plant Probiotic Bacteria.. Scientific Reports, 2014, 4, 6389.	3.3	69
8	Symbiotic Burkholderia Species Show Diverse Arrangements of nif/fix and nod Genes and Lack Typical High-Affinity Cytochrome cbb3 Oxidase Genes. Molecular Plant-Microbe Interactions, 2016, 29, 609-619.	2.6	62
9	Reclassification of strains MAFF 303099T and R7A into Mesorhizobium japonicum sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4936-4941.	1.7	52
10	Engineering root microbiomes for healthier crops and soils using beneficial, environmentally safe bacteria. Canadian Journal of Microbiology, 2019, 65, 91-104.	1.7	48
11	Revision of the taxonomic status of type strains of Mesorhizobium loti and reclassification of strain USDA 3471T as the type strain of Mesorhizobium erdmanii sp. nov. and ATCC 33669T as the type strain of Mesorhizobium jarvisii sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1703-1708.	1.7	47
12	The endemic Genista versicolor from Sierra Nevada National Park in Spain is nodulated by putative new Bradyrhizobium species and a novel symbiovar (sierranevadense). Systematic and Applied Microbiology, 2014, 37, 177-185.	2.8	45
13	Mining the phytomicrobiome to understand how bacterial coinoculations enhance plant growth. Frontiers in Plant Science, 2015, 6, 784.	3.6	33
14	Core and symbiotic genes reveal nine Mesorhizobium genospecies and three symbiotic lineages among the rhizobia nodulating Cicer canariense in its natural habitat (La Palma, Canary Islands). Systematic and Applied Microbiology, 2014, 37, 140-148.	2.8	32
15	Paenibacillus lupini sp. nov., isolated from nodules of Lupinus albus. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3028-3033.	1.7	32
16	The Legume Nodule Microbiome: A Source of Plant Growth-Promoting Bacteria. , 2017, , 41-70.		20
17	Endophytic Micromonospora from Medicago sativa are apparently not able to fix atmospheric nitrogen. Soil Biology and Biochemistry, 2014, 74, 201-203.	8.8	19
18	From Laboratory Tests to the Ecoremedial System: The Importance of Microorganisms in the Recovery of PPCPs-Disturbed Ecosystems. Applied Sciences (Switzerland), 2020, 10, 3391.	2.5	19

#	Article	IF	Citations
19	Identification of Canola Roots Endophytic Bacteria and Analysis of Their Potential as Biofertilizers for Canola Crops with Special Emphasis on Sporulating Bacteria. Agronomy, 2021, 11, 1796.	3.0	15
20	Bacterial Probiotics: A Truly Green Revolution. , 2017, , 131-162.		14
21	Analysis of rhizobial endosymbionts of Vicia, Lathyrus and Trifolium species used to maintain mountain firewalls in Sierra Nevada National Park (South Spain). Systematic and Applied Microbiology, 2017, 40, 92-101.	2.8	10
22	Cicer canariense, an endemic legume to the Canary Islands, is nodulated in mainland Spain by fast-growing strains from symbiovar trifolii phylogenetically related to Rhizobium leguminosarum. Systematic and Applied Microbiology, 2015, 38, 346-350.	2.8	8
23	Recent Advances in the Active Biomolecules Involved in Rhizobia-Legume Symbiosis. , 2017, , 45-74.		7
24	High taxonomic diversity of Micromonospora strains isolated from Medicago sativa nodules in Western Spain and Australia. Systematic and Applied Microbiology, 2020, 43, 126043.	2.8	7
25	Inoculation With a Microbe Isolated From the Negev Desert Enhances Corn Growth. Frontiers in Microbiology, 2020, 11, 1149.	3.5	6
26	Symbiovar loti genes are widely spread among Cicer canariense mesorhizobia, resulting in symbiotically effective strains. Plant and Soil, 2016, 398, 25-33.	3.7	4
27	Identification of Rhizobial Strains Nodulating Pisum Sativum in Northern Spain Soils by MALDI-TOF MS (Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry) Analysis. , 2016, , 37-44.		4
28	Medicago root nodule microbiomes: insights into a complex ecosystem with potential candidates for plant growth promotion. Plant and Soil, 0, , 1.	3.7	4
29	Bioremediation of Soil Contaminated with Arsenic. Microorganisms for Sustainability, 2019, , 321-351.	0.7	2