Claudia Vicente

List of Publications by Year in descending order

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37 papers	852 citations	471509 17 h-index	501196 28 g-index
42 all docs	42 docs citations	42 times ranked	837 citing authors

#	Article	IF	Citations
1	Pine Wilt Disease: a threat to European forestry. European Journal of Plant Pathology, 2012, 133, 89-99.	1.7	177
2	Characterization of Bacteria Associated with Pinewood Nematode Bursaphelenchus xylophilus. PLoS ONE, 2012, 7, e46661.	2.5	55
3	Evidence for the involvement of ACC deaminase from Pseudomonas putida UW4 in the biocontrol of pine wilt disease caused by Bursaphelenchus xylophilus. BioControl, 2013, 58, 427-433.	2.0	55
4	Bacterial role in pine wilt disease development â€“ review and future perspectives. Environmental Microbiology Reports, 2015, 7, 51-63.	2.4	37
5	Pinewood nematode-associated bacteria contribute to oxidative stress resistance of Bursaphelenchus xylophilus. BMC Microbiology, 2013, 13, 299.	3.3	36
6	Bacterial community associated to the pine wilt disease insect vectors Monochamus galloprovincialis and Monochamus alternatus. Scientific Reports, 2016, 6, 23908.	3.3	36
7	Bacteria associated with the pinewood nematode Bursaphelenchus xylophilus collected in Portugal. Antonie Van Leeuwenhoek, 2011, 100, 477-481.	1.7	35
8	Characterization of bacterial communities associated with the pine sawyer beetleMonochamus galloprovincialis, the insect vector of the pinewood nematodeBursaphelenchus xylophilus. FEMS Microbiology Letters, 2013, 347, n/a-n/a.	1.8	34
9	The role of bacteria in pine wilt disease: insights from microbiome analysis. FEMS Microbiology Ecology, 2018, 94, .	2.7	30
10	Catalases Induction in High Virulence Pinewood Nematode Bursaphelenchus xylophilus under Hydrogen Peroxide-Induced Stress. PLoS ONE, 2015, 10, e0123839.	2.5	29
11	Composition of the Cockroach Gut Microbiome in the Presence of Parasitic Nematodes. Microbes and Environments, 2016, 31, 314-320.	1.6	28
12	High-throughput molecular technologies for unraveling the mystery of soil microbial community: challenges and future prospects. Heliyon, 2021, 7, e08142.	3.2	24
13	Phytochemicals as Biopesticides against the Pinewood Nematode Bursaphelenchus xylophilus: A Review on Essential Oils and Their Volatiles. Plants, 2021, 10, 2614.	3.5	24
14	Evidence for an Opportunistic and Endophytic Lifestyle of the Bursaphelenchus xylophilus-Associated Bacteria Serratia marcescens PWN146 Isolated from Wilting Pinus pinaster. Microbial Ecology, 2016, 72, 669-681.	2.8	22
15	Nematicidal actions of the marigold exudate Î±-terthienyl: oxidative stress-inducing compound penetrates nematode hypodermis. Biology Open, 2019, 8, .	1.2	22
16	First report of the nematode Leidynema appendiculata from Periplaneta fuliginosa. Acta Parasitologica, 2014, 59, 219-28.	1.1	21
17	From plants to nematodes: Serratia grimesii BXF1 genome reveals an adaptation to the modulation of multi-species interactions. Microbial Genomics, 2018, 4, .	2.0	19
18	Insights into the Role of Fungi in Pine Wilt Disease. Journal of Fungi (Basel, Switzerland), 2021, 7, 780.	3.5	19

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19	The genome and genetics of a high oxidative stress tolerant Serratia sp. LCN16 isolated from the plant parasitic nematode Bursaphelenchus xylophilus. BMC Genomics, 2016, 17, 301.	2.8	18
20	Nonâ€specific transient mutualism between the plant parasitic nematode, Bursaphelenchus xylophilus, and the opportunistic bacterium Serratia quinivorans BXF1, a plantâ€growth promoting pine endophyte with antagonistic effects. Environmental Microbiology, 2016, 18, 5265-5276.	3.8	15
21	The Potential of Esteya spp. for the Biocontrol of the Pinewood Nematode, Bursaphelenchus xylophilus. Microorganisms, 2022, 10, 168.	3.6	15
22	Identification and characterization of the first pectin methylesterase gene discovered in the root lesion nematode Pratylenchus penetrans. PLoS ONE, 2019, 14, e0212540.	2.5	14
23	Genome analysis of new Blattabacterium spp., obligatory endosymbionts of Periplaneta fuliginosa and P. japonica. PLoS ONE, 2018, 13, e0200512.	2.5	13
24	Potato Cyst Nematodes: Geographical Distribution, Phylogenetic Relationships and Integrated Pest Management Outcomes in Portugal. Frontiers in Plant Science, 2020, 11, 606178.	3.6	13
25	Morphological, molecular and developmental characterization of the thelastomatid nematode Thelastoma bulhoesi (de MagalhÃ£es, 1900) (Oxyuridomorpha: Thelastomatidae) parasite of Periplaneta americana (Linnaeus, 1758) (Blattodea: Blattidae) in Japan. Acta Parasitologica, 2016, 61, 241-54.	1.1	9
26	Biological nitrogen fixation of Biserrula pelecinus L. under water deficit. Plant, Soil and Environment, 2012, 58, 360-366.	2.2	7
27	Editorial: Protecting Our Crops - Approaches for Plant Parasitic Nematode Control. Frontiers in Plant Science, 2021, 12, 726057.	3.6	7
28	Genetic diversity of Bursaphelenchus cocophilus in South America. Nematology, 2016, 18, 605-614.	0.6	6
29	Fungal Communities of the Pine Wilt Disease Complex: Studying the Interaction of Ophiostomatales With Bursaphelenchus xylophilus. Frontiers in Plant Science, 0, 13, .	3.6	5
30	Biodiversity of Root-Nodule Bacteria Associated With the Leguminous Plant Biserrula pelecinus. Soil Science, 2009, 174, 424-429.	0.9	3
31	Essential Oils and Volatiles as Nematodicides against the Cyst Nematodes Globodera and HeteroderaÂ. Biology and Life Sciences Forum, 2021, 3, .	0.6	3
32	Broad environmental tolerance of native root-nodule bacteria of Biserrula pelecinus indicate potential for soil fertility restoration. Plant Ecology and Diversity, 2016, 9, 299-307.	2.4	2
33	The composition of hindgut microbiota of Periplaneta japonica in the presence of thelastomatid parasitic nematodes. Nihon Senchu Gakkai Shi = Japanese Journal of Nematology, 2018, 48, 19-26.	0.3	2
34	Pseudomonas associated with Bursaphelenchus xylophilus, its insect vector and the host tree: A role in pine wilt disease?. Forest Pathology, 2019, 49, e12564.	1.1	2
35	First Report of Pratylenchus penetrans (Nematoda: Pratylenchidae) Associated with Amaryllis (Hippeastrum Ã— hybridum), in Portugal. Plant Disease, 2020, 104, 2740.	1.4	2
36	The Root Lesion Nematode Effector Ppen10370 Is Essential for Parasitism of Pratylenchus penetrans. Molecular Plant-Microbe Interactions, 2021, 34, MPMI-09-20-0267.	2.6	0

#	Article	IF	Citations
37	Molecular Characterization of Symbiotic Bacteria Associated with the Pasture Legume Ornithopus sp. Native to Portugal. Current Plant Science and Biotechnology in Agriculture, 0, , 377-378.	0.0	0