

# Claudia Vicente

## List of Publications by Year in descending order

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37  
papers

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citations

471509

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42  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	The Potential of <i>Esteya</i> spp. for the Biocontrol of the Pinewood Nematode, <i>Bursaphelenchus xylophilus</i> . <i>Microorganisms</i> , 2022, 10, 168.	3.6	15
2	The Root Lesion Nematode Effector Ppen10370 Is Essential for Parasitism of <i>Pratylenchus penetrans</i> . <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, MPMI-09-20-0267.	2.6	0
3	Insights into the Role of Fungi in Pine Wilt Disease. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 780.	3.5	19
4	Editorial: Protecting Our Crops - Approaches for Plant Parasitic Nematode Control. <i>Frontiers in Plant Science</i> , 2021, 12, 726057.	3.6	7
5	High-throughput molecular technologies for unraveling the mystery of soil microbial community: challenges and future prospects. <i>Heliyon</i> , 2021, 7, e08142.	3.2	24
6	Phytochemicals as Biopesticides against the Pinewood Nematode <i>Bursaphelenchus xylophilus</i> : A Review on Essential Oils and Their Volatiles. <i>Plants</i> , 2021, 10, 2614.	3.5	24
7	Essential Oils and Volatiles as Nematocides against the Cyst Nematodes <i>Globodera</i> and <i>Heterodera</i> . <i>Biology and Life Sciences Forum</i> , 2021, 3, .	0.6	3
8	First Report of <i>Pratylenchus penetrans</i> (Nematoda: Pratylenchidae) Associated with <i>Amaryllis (Hippeastrum) hybridum</i> , in Portugal. <i>Plant Disease</i> , 2020, 104, 2740.	1.4	2
9	Potato Cyst Nematodes: Geographical Distribution, Phylogenetic Relationships and Integrated Pest Management Outcomes in Portugal. <i>Frontiers in Plant Science</i> , 2020, 11, 606178.	3.6	13
10	<i>Pseudomonas</i> associated with <i>Bursaphelenchus xylophilus</i> , its insect vector and the host tree: A role in pine wilt disease?. <i>Forest Pathology</i> , 2019, 49, e12564.	1.1	2
11	Nematicidal actions of the marigold exudate 1-terthienyl: oxidative stress-inducing compound penetrates nematode hypodermis. <i>Biology Open</i> , 2019, 8, .	1.2	22
12	Identification and characterization of the first pectin methylesterase gene discovered in the root lesion nematode <i>Pratylenchus penetrans</i> . <i>PLoS ONE</i> , 2019, 14, e0212540.	2.5	14
13	The role of bacteria in pine wilt disease: insights from microbiome analysis. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	30
14	From plants to nematodes: <i>Serratia grimesii</i> BXF1 genome reveals an adaptation to the modulation of multi-species interactions. <i>Microbial Genomics</i> , 2018, 4, .	2.0	19
15	The composition of hindgut microbiota of <i>Periplaneta japonica</i> in the presence of thelastomatid parasitic nematodes. <i>Nihon Senchu Gakkai Shi = Japanese Journal of Nematology</i> , 2018, 48, 19-26.	0.3	2
16	Genome analysis of new <i>Blattabacterium</i> spp., obligatory endosymbionts of <i>Periplaneta fuliginosa</i> and <i>P. japonica</i> . <i>PLoS ONE</i> , 2018, 13, e0200512.	2.5	13
17	The genome and genetics of a high oxidative stress tolerant <i>Serratia</i> sp. LCN16 isolated from the plant parasitic nematode <i>Bursaphelenchus xylophilus</i> . <i>BMC Genomics</i> , 2016, 17, 301.	2.8	18
18	Genetic diversity of <i>Bursaphelenchus cocophilus</i> in South America. <i>Nematology</i> , 2016, 18, 605-614.	0.6	6

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19	Morphological, molecular and developmental characterization of the thelastomatid nematode <i>Thelastoma bulhoesi</i> (de Magalhães, 1900) (Oxyuridomorpha: Thelastomatidae) parasite of <i>Periplaneta americana</i> (Linnaeus, 1758) (Blattodea: Blattidae) in Japan. <i>Acta Parasitologica</i> , 2016, 61, 241-54.	1.1	9
20	Evidence for an Opportunistic and Endophytic Lifestyle of the <i>Bursaphelenchus xylophilus</i> -Associated Bacteria <i>Serratia marcescens</i> PWN146 Isolated from Wilting <i>Pinus pinaster</i> . <i>Microbial Ecology</i> , 2016, 72, 669-681.	2.8	22
21	Composition of the Cockroach Gut Microbiome in the Presence of Parasitic Nematodes. <i>Microbes and Environments</i> , 2016, 31, 314-320.	1.6	28
22	Bacterial community associated to the pine wilt disease insect vectors <i>Monochamus galloprovincialis</i> and <i>Monochamus alternatus</i> . <i>Scientific Reports</i> , 2016, 6, 23908.	3.3	36
23	Non-specific transient mutualism between the plant parasitic nematode, <i>Bursaphelenchus xylophilus</i> , and the opportunistic bacterium <i>Serratia quinivorans</i> BXF1, a plant-growth promoting pine endophyte with antagonistic effects. <i>Environmental Microbiology</i> , 2016, 18, 5265-5276.	3.8	15
24	Broad environmental tolerance of native root-nodule bacteria of <i>Biserrula pelecinus</i> indicate potential for soil fertility restoration. <i>Plant Ecology and Diversity</i> , 2016, 9, 299-307.	2.4	2
25	Catalases Induction in High Virulence Pinewood Nematode <i>Bursaphelenchus xylophilus</i> under Hydrogen Peroxide-Induced Stress. <i>PLoS ONE</i> , 2015, 10, e0123839.	2.5	29
26	Bacterial role in pine wilt disease development – review and future perspectives. <i>Environmental Microbiology Reports</i> , 2015, 7, 51-63.	2.4	37
27	First report of the nematode <i>Leidynema appendiculata</i> from <i>Periplaneta fuliginosa</i> . <i>Acta Parasitologica</i> , 2014, 59, 219-28.	1.1	21
28	Characterization of bacterial communities associated with the pine sawyer beetle <i>Monochamus galloprovincialis</i> , the insect vector of the pinewood nematode <i>Bursaphelenchus xylophilus</i> . <i>FEMS Microbiology Letters</i> , 2013, 347, n/a-n/a.	1.8	34
29	Evidence for the involvement of ACC deaminase from <i>Pseudomonas putida</i> UW4 in the biocontrol of pine wilt disease caused by <i>Bursaphelenchus xylophilus</i> . <i>BioControl</i> , 2013, 58, 427-433.	2.0	55
30	Pinewood nematode-associated bacteria contribute to oxidative stress resistance of <i>Bursaphelenchus xylophilus</i> . <i>BMC Microbiology</i> , 2013, 13, 299.	3.3	36
31	Characterization of Bacteria Associated with Pinewood Nematode <i>Bursaphelenchus xylophilus</i> . <i>PLoS ONE</i> , 2012, 7, e46661.	2.5	55
32	Biological nitrogen fixation of <i>Biserrula pelecinus</i> L. under water deficit. <i>Plant, Soil and Environment</i> , 2012, 58, 360-366.	2.2	7
33	Pine Wilt Disease: a threat to European forestry. <i>European Journal of Plant Pathology</i> , 2012, 133, 89-99.	1.7	177
34	Bacteria associated with the pinewood nematode <i>Bursaphelenchus xylophilus</i> collected in Portugal. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 477-481.	1.7	35
35	Biodiversity of Root-Nodule Bacteria Associated With the Leguminous Plant <i>Biserrula pelecinus</i> . <i>Soil Science</i> , 2009, 174, 424-429.	0.9	3
36	Molecular Characterization of Symbiotic Bacteria Associated with the Pasture Legume <i>Ornithopus</i> sp. Native to Portugal. <i>Current Plant Science and Biotechnology in Agriculture</i> , 0, , 377-378.	0.0	0

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37	Fungal Communities of the Pine Wilt Disease Complex: Studying the Interaction of Ophiostomatales With <i>Bursaphelenchus xylophilus</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	5