

# Francisco M Cazorla

## List of Publications by Year in descending order

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91  
papers

4,312  
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116194

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134545

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95  
docs citations

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times ranked

4113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insecticidal features displayed by the beneficial rhizobacterium <i>Pseudomonas chlororaphis</i> PCL1606. <i>International Microbiology</i> , 2022, 25, 679-689.	1.1	2
2	Role of extracellular matrix components in the formation of biofilms and their contribution to the biocontrol activity of <i>Pseudomonas chlororaphis</i> PCL1606. <i>Environmental Microbiology</i> , 2021, 23, 2086-2101.	1.8	9
3	Beyond the Wall: Exopolysaccharides in the Biofilm Lifestyle of Pathogenic and Beneficial Plant-Associated <i>Pseudomonas</i> . <i>Microorganisms</i> , 2021, 9, 445.	1.6	23
4	A Large Tn <i>7</i> -like Transposon Confers Hyperresistance to Copper in <i>Pseudomonas syringae</i> pv. <i>syringae</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	6
5	The Rhizobacterium <i>Pseudomonas alcaligenes</i> AVO110 Induces the Expression of Biofilm-Related Genes in Response to <i>Rosellinia necatrix</i> Exudates. <i>Microorganisms</i> , 2021, 9, 1388.	1.6	4
6	Mitigation of <i>Pseudomonas syringae</i> virulence by signal inactivation. <i>Science Advances</i> , 2021, 7, eabg2293.	4.7	8
7	Induction of defense-related genes in tomato plants after treatments with the biocontrol agents <i>Pseudomonas chlororaphis</i> ToZa7 and <i>Clonostachys rosea</i> IK726. <i>Archives of Microbiology</i> , 2020, 202, 257-267.	1.0	29
8	The role of organic amendments to soil for crop protection: Induction of suppression of soilborne pathogens. <i>Annals of Applied Biology</i> , 2020, 176, 1-15.	1.3	46
9	Biological role of EPS from <i>Pseudomonas syringae</i> pv. <i>syringae</i> UMAF0158 extracellular matrix, focusing on a Psl-like polysaccharide. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 37.	2.9	27
10	Aer Receptors Influence the <i>Pseudomonas chlororaphis</i> PCL1606 Lifestyle. <i>Frontiers in Microbiology</i> , 2020, 11, 1560.	1.5	11
11	Soil Application of a Formulated Biocontrol Rhizobacterium, <i>Pseudomonas chlororaphis</i> PCL1606, Induces Soil Suppressiveness by Impacting Specific Microbial Communities. <i>Frontiers in Microbiology</i> , 2020, 11, 1874.	1.5	17
12	Understanding Bacterial Physiology for Improving Full Fitness. <i>Progress in Biological Control</i> , 2020, , 47-60.	0.5	1
13	Diversity of phytobeneficial traits revealed by whole-genome analysis of worldwide isolated phenazine-producing <i>Pseudomonas</i> spp.. <i>Environmental Microbiology</i> , 2019, 21, 437-455.	1.8	66
14	<i>Pantoea agglomerans</i> as a New Etiological Agent of a Bacterial Necrotic Disease of Mango Trees. <i>Phytopathology</i> , 2019, 109, 17-26.	1.1	20
15	<i>Pseudomonas syringae</i> pv. <i>syringae</i> Associated With Mango Trees, a Particular Pathogen Within the <i>Hodgepodge</i> of the <i>Pseudomonas syringae</i> Complex. <i>Frontiers in Plant Science</i> , 2019, 10, 570.	1.7	35
16	Combination of low concentrations of fluazinam and antagonistic rhizobacteria to control avocado white root rot. <i>Biological Control</i> , 2019, 136, 103996.	1.4	20
17	Detection of White Root Rot in Avocado Trees by Remote Sensing. <i>Plant Disease</i> , 2019, 103, 1119-1125.	0.7	22
18	Response of the Biocontrol Agent <i>Pseudomonas pseudoalcaligenes</i> AVO110 to <i>Rosellinia necatrix</i> Exudate. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	5

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19	The extracellular matrix protects <i>Bacillus subtilis</i> colonies from <i>Pseudomonas</i> invasion and modulates plant co-colonization. <i>Nature Communications</i> , 2019, 10, 1919.	5.8	102
20	Fitness Features Involved in the Biocontrol Interaction of <i>Pseudomonas chlororaphis</i> With Host Plants: The Case Study of PcPCL1606. <i>Frontiers in Microbiology</i> , 2019, 10, 719.	1.5	55
21	The Compound 2-Hexyl, 5-Propyl Resorcinol Has a Key Role in Biofilm Formation by the Biocontrol Rhizobacterium <i>Pseudomonas chlororaphis</i> PCL1606. <i>Frontiers in Microbiology</i> , 2019, 10, 396.	1.5	35
22	Transcriptome analysis of the fungal pathogen <i>Rosellinia necatrix</i> during infection of a susceptible avocado rootstock identifies potential mechanisms of pathogenesis. <i>BMC Genomics</i> , 2019, 20, 1016.	1.2	18
23	First Report of <i>Pantoea ananatis</i> Causing Necrotic Symptoms in Mango Trees in the Canary Islands, Spain. <i>Plant Disease</i> , 2019, 103, 1017.	0.7	2
24	Characterization of biocontrol bacterial strains isolated from a suppressiveness-induced soil after amendment with composted almond shells. <i>Research in Microbiology</i> , 2017, 168, 583-593.	1.0	21
25	Complete sequence and comparative genomic analysis of eight native <i>Pseudomonas syringae</i> plasmids belonging to the pPT23A family. <i>BMC Genomics</i> , 2017, 18, 365.	1.2	23
26	Draft Genome Sequence of the Rhizobacterium <i>Pseudomonas chlororaphis</i> PCL1601, Displaying Biocontrol against Soilborne Phytopathogens. <i>Genome Announcements</i> , 2017, 5, .	0.8	6
27	Impact of motility and chemotaxis features of the rhizobacterium <i>Pseudomonas chlororaphis</i> PCL1606 on its biocontrol of avocado white root rot. <i>International Microbiology</i> , 2017, 20, 95-104.	1.1	19
28	Microbial Profiling of a Suppressiveness-Induced Agricultural Soil Amended with Composted Almond Shells. <i>Frontiers in Microbiology</i> , 2016, 7, 4.	1.5	48
29	Biological control of tree and woody plant diseases: an impossible task?. <i>BioControl</i> , 2016, 61, 233-242.	0.9	48
30	Analysis of Genetic Diversity of <i>Fusarium tuiense</i> , the Main Causal Agent of Mango Malformation Disease in Southern Spain. <i>Plant Disease</i> , 2016, 100, 276-286.	0.7	13
31	Interaction of antifungal peptide BP15 with <i>Stemphylium vesicarium</i> , the causal agent of brown spot of pear. <i>Fungal Biology</i> , 2016, 120, 61-71.	1.1	29
32	Organic Amendments to Avocado Crops Induce Suppressiveness and Influence the Composition and Activity of Soil Microbial Communities. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3405-3418.	1.4	43
33	Comparative Genomic Analysis of <i>Pseudomonas chlororaphis</i> PCL1606 Reveals New Insight into Antifungal Compounds Involved in Biocontrol. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 249-260.	1.4	50
34	Cellulose production in <i>Pseudomonas syringae</i> pv. <i>syringae</i> : a compromise between epiphytic and pathogenic lifestyles. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv071.	1.3	25
35	Metabolic responses of avocado plants to stress induced by <i>Rosellinia necatrix</i> analysed by fluorescence and thermal imaging. <i>European Journal of Plant Pathology</i> , 2015, 142, 625-632.	0.8	37
36	Bioinformatics Analysis of the Complete Genome Sequence of the Mango Tree Pathogen <i>Pseudomonas syringae</i> pv. <i>syringae</i> UMAF0158 Reveals Traits Relevant to Virulence and Epiphytic Lifestyle. <i>PLoS ONE</i> , 2015, 10, e0136101.	1.1	25

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37	darR and darS are regulatory genes that modulate 2-hexyl, 5-propyl resorcinol transcription in <i>Pseudomonas chlororaphis</i> PCL1606. <i>Microbiology (United Kingdom)</i> , 2014, 160, 2670-2680.	0.7	7
38	Role of 2-hexyl, 5-propyl resorcinol production by <i>Pseudomonas chlororaphis</i> PCL1606 in the multitrophic interactions in the avocado rhizosphere during the biocontrol process. <i>FEMS Microbiology Ecology</i> , 2014, 89, 20-31.	1.3	50
39	Characterization of <i>Fusarium mangiferae</i> isolates from mango malformation disease in Southern Spain. <i>European Journal of Plant Pathology</i> , 2014, 139, 253.	0.8	1
40	Biological control of avocado white root rot with combined applications of <i>Trichoderma</i> spp. and rhizobacteria. <i>European Journal of Plant Pathology</i> , 2014, 138, 751-762.	0.8	40
41	Mangotoxin production of <i>Pseudomonas syringae</i> pv. <i>syringae</i> is regulated by MgoA. <i>BMC Microbiology</i> , 2014, 14, 46.	1.3	24
42	The <i>dar</i> Genes of <i>Pseudomonas chlororaphis</i> PCL1606 Are Crucial for Biocontrol Activity via Production of the Antifungal Compound 2-Hexyl, 5-Propyl Resorcinol. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 554-565.	1.4	56
43	Evaluation of the effectiveness of biocontrol bacteria against avocado white root rot occurring under commercial greenhouse plant production conditions. <i>Biological Control</i> , 2013, 67, 94-100.	1.4	24
44	The Mangotoxin Biosynthetic Operon ( <i>mbo</i> ) Is Specifically Distributed within <i>Pseudomonas syringae</i> Genomospecies 1 and Was Acquired Only Once during Evolution. <i>Applied and Environmental Microbiology</i> , 2013, 79, 756-767.	1.4	29
45	Recruitment and Rearrangement of Three Different Genetic Determinants into a Conjugative Plasmid Increase Copper Resistance in <i>Pseudomonas syringae</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 1028-1033.	1.4	46
46	A <i>Pseudomonas syringae</i> Diversity Survey Reveals a Differentiated Phylotype of the Pathovar <i>syringae</i> Associated with the Mango Host and Mangotoxin Production. <i>Phytopathology</i> , 2013, 103, 1115-1129.	1.1	30
47	Enhancing Soil Quality and Plant Health Through Suppressive Organic Amendments. <i>Diversity</i> , 2012, 4, 475-491.	0.7	128
48	Sclerotization as a long-term preservation method for <i>Rosellinia necatrix</i> strains. <i>Mycoscience</i> , 2012, 53, 460-465.	0.3	10
49	Isolation and selection of plant growth-promoting rhizobacteria as inducers of systemic resistance in melon. <i>Plant and Soil</i> , 2012, 358, 201-212.	1.8	58
50	Characterisation of the mgo operon in <i>Pseudomonas syringae</i> pv. <i>syringae</i> UMAF0158 that is required for mangotoxin production. <i>BMC Microbiology</i> , 2012, 12, 10.	1.3	32
51	The mbo Operon Is Specific and Essential for Biosynthesis of Mangotoxin in <i>Pseudomonas syringae</i> . <i>PLoS ONE</i> , 2012, 7, e36709.	1.1	35
52	Organic amendments and land management affect bacterial community composition, diversity and biomass in avocado crop soils. <i>Plant and Soil</i> , 2012, 357, 215-226.	1.8	68
53	Environmentally friendly treatment alternatives to Bordeaux mixture for controlling bacterial apical necrosis (BAN) of mango. <i>Plant Pathology</i> , 2012, 61, 665-676.	1.2	29
54	Developing tools to unravel the biological secrets of <i>Rosellinia necatrix</i> , an emergent threat to woody crops. <i>Molecular Plant Pathology</i> , 2012, 13, 226-239.	2.0	63

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55	First Report of Mango Malformation Disease Caused by <i>Fusarium mangiferae</i> in Spain. <i>Plant Disease</i> , 2012, 96, 286-286.	0.7	26
56	The Iturin-like Lipopeptides Are Essential Components in the Biological Control Arsenal of <i>Bacillus subtilis</i> Against Bacterial Diseases of Cucurbits. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1540-1552.	1.4	132
57	Genes Involved in the Production of Antimetabolite Toxins by <i>Pseudomonas syringae</i> Pathovars. <i>Genes</i> , 2011, 2, 640-660.	1.0	15
58	Screening for candidate bacterial biocontrol agents against soilborne fungal plant pathogens. <i>Plant and Soil</i> , 2011, 340, 505-520.	1.8	143
59	Chemical and Metabolic Aspects of Antimetabolite Toxins Produced by <i>Pseudomonas syringae</i> Pathovars. <i>Toxins</i> , 2011, 3, 1089-1110.	1.5	45
60	Biocontrol bacteria selected by a direct plant protection strategy against avocado white root rot show antagonism as a prevalent trait. <i>Journal of Applied Microbiology</i> , 2010, 109, 65-78.	1.4	42
61	Microbial analysis of soils from avocado crop modified by organic amendments. , 2010, , .		0
62	Aspects about virulence and epiphytic fitness of <i>Pseudomonas syringae</i> pv. <i>syringae</i> strains isolated from mango trees. , 2010, , .		0
63	GFP sheds light on the infection process of avocado roots by <i>Rosellinia necatrix</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 137-145.	0.9	80
64	Contribution of mangotoxin to the virulence and epiphytic fitness of <i>Pseudomonas syringae</i> pv. <i>syringae</i> . <i>International Microbiology</i> , 2009, 12, 87-95.	1.1	31
65	62-kb Plasmids Harboring <i>ruAB</i> Homologues Confer UV-tolerance and Epiphytic Fitness to <i>Pseudomonas syringae</i> pv. <i>syringae</i> Mango Isolates. <i>Microbial Ecology</i> , 2008, 56, 283-291.	1.4	21
66	Two similar enhanced root-colonizing <i>Pseudomonas</i> strains differ largely in their colonization strategies of avocado roots and <i>Rosellinia necatrix</i> hyphae. <i>Environmental Microbiology</i> , 2008, 10, 3295-3304.	1.8	83
67	Comparative histochemical analyses of oxidative burst and cell wall reinforcement in compatible and incompatible melon-powdery mildew ( <i>Podosphaera fusca</i> ) interactions. <i>Journal of Plant Physiology</i> , 2008, 165, 1895-1905.	1.6	49
68	A Nonribosomal Peptide Synthetase Gene ( <i>mgoA</i> ) of <i>Pseudomonas syringae</i> pv. <i>syringae</i> Is Involved in Mangotoxin Biosynthesis and Is Required for Full Virulence. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 500-509.	1.4	40
69	Selection for biocontrol bacteria antagonistic toward <i>Rosellinia necatrix</i> by enrichment of competitive avocado root tip colonizers. <i>Research in Microbiology</i> , 2007, 158, 463-470.	1.0	33
70	<i>Pseudomonas syringae</i> Diseases of Fruit Trees: Progress Toward Understanding and Control. <i>Plant Disease</i> , 2007, 91, 4-17.	0.7	154
71	The Iturin and Fengycin Families of Lipopeptides Are Key Factors in Antagonism of <i>Bacillus subtilis</i> Toward <i>Podosphaera fusca</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 430-440.	1.4	553
72	Isolation and characterization of antagonistic <i>Bacillus subtilis</i> strains from the avocado rhizoplane displaying biocontrol activity. <i>Journal of Applied Microbiology</i> , 2007, 103, 1950-1959.	1.4	240

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73	Evaluation of biological control agents for managing cucurbit powdery mildew on greenhouse-grown melon. <i>Plant Pathology</i> , 2007, 56, 976-986.	1.2	81
74	Biocontrol of Avocado Dematophora Root Rot by Antagonistic <i>Pseudomonas fluorescens</i> PCL1606 Correlates With the Production of 2-Hexyl 5-Propyl Resorcinol. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 418-428.	1.4	135
75	Field evaluation of treatments for the control of the bacterial apical necrosis of mango ( <i>Mangifera</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 279-288.	0.8	23
76	First Report of Bacterial Leaf Spot ( <i>Pseudomonas syringae</i> pv. <i>coriandricola</i> ) of Coriander in Spain. <i>Journal of Phytopathology</i> , 2005, 153, 181-184.	0.5	10
77	Up-Regulation and Localization of Asparagine Synthetase in Tomato Leaves Infected by the Bacterial Pathogen <i>Pseudomonas syringae</i> . <i>Plant and Cell Physiology</i> , 2004, 45, 770-780.	1.5	77
78	Isolation and evaluation of antagonistic bacteria towards the cucurbit powdery mildew fungus <i>Podosphaera fusca</i> . <i>Applied Microbiology and Biotechnology</i> , 2004, 64, 263-269.	1.7	109
79	Effect of mycoparasitic fungi on the development of <i>Sphaerotheca fusca</i> in melon leaves. <i>Mycological Research</i> , 2003, 107, 64-71.	2.5	50
80	Mangotoxin: a novel antimetabolite toxin produced by <i>Pseudomonas syringae</i> inhibiting ornithine/arginine biosynthesis. <i>Physiological and Molecular Plant Pathology</i> , 2003, 63, 117-127.	1.3	49
81	Copper Resistance in <i>Pseudomonas syringae</i> Strains Isolated from Mango Is Encoded Mainly by Plasmids. <i>Phytopathology</i> , 2002, 92, 909-916.	1.1	83
82	Heavy metal toxicity and genotoxicity in water and sewage determined by microbiological methods. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1552-1558.	2.2	32
83	Cytosolic localization in tomato mesophyll cells of a novel glutamine synthetase induced in response to bacterial infection or phosphinothricin treatment. <i>Planta</i> , 1998, 206, 426-434.	1.6	65
84	Light-dependent changes of tomato glutamine synthetase in response to <i>Pseudomonas syringae</i> infection or phosphinothricin treatment. <i>Physiologia Plantarum</i> , 1998, 102, 377-384.	2.6	24
85	THE INHIBITION OF METHANOGENIC ACTIVITY FROM ANAEROBIC DOMESTIC SLUDGES AS A SIMPLE TOXICITY BIOASSAY. <i>Water Research</i> , 1998, 32, 1338-1342.	5.3	32
86	Bacterial Apical Necrosis of Mango in Southern Spain: A Disease Caused by <i>Pseudomonas syringae</i> pv. <i>syringae</i> . <i>Phytopathology</i> , 1998, 88, 614-620.	1.1	71
87	<i>Pseudomonas syringae</i> pv. <i>syringae</i> as Microorganism Involved in Apical Necrosis of Mango: Characterization of Some Virulence Factors. <i>Developments in Plant Pathology</i> , 1997, , 82-87.	0.1	4
88	A method for estimation of population densities of ice nucleating active <i>Pseudomonas syringae</i> in buds and leaves of mango. <i>Journal of Applied Bacteriology</i> , 1995, 79, 341-346.	1.1	12
89	Comparison of microbial tests for the detection of heavy metal genotoxicity. <i>Archives of Environmental Contamination and Toxicology</i> , 1995, 29, 260-265.	2.1	48
90	Rapid respirometric toxicity test: Sensitivity to metals. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1993, 50, 703-708.	1.3	17

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91	Occurrence of Resistance to Antibiotics and Metals and of Plasmids in Bacterial Strains Isolated from Marine Environments. <i>Water Science and Technology</i> , 1993, 27, 475-478.	1.2	15