

Vittoria Catara

List of Publications by Year in descending order

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49
papers

1,219
citations

394421

19
h-index

414414

32
g-index

53
all docs

53
docs citations

53
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure and function of the global citrus rhizosphere microbiome. <i>Nature Communications</i> , 2018, 9, 4894.	12.8	304
2	Phenotypic and genomic evidence for the revision of <i>Pseudomonas corrugata</i> and proposal of <i>Pseudomonas mediterranea</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1749-1758.	1.7	64
3	<i>Pseudomonas corrugata</i> : plant pathogen and/or biological resource?. <i>Molecular Plant Pathology</i> , 2007, 8, 233-244.	4.2	59
4	Comparative genomic analysis of multiple strains of two unusual plant pathogens: <i>Pseudomonas corrugata</i> and <i>Pseudomonas mediterranea</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 811.	3.5	50
5	<i>Pseudomonas corrugata</i> contains a conserved N-acyl homoserine lactone quorum sensing system; its role in tomato pathogenicity and tobacco hypersensitivity response. <i>FEMS Microbiology Ecology</i> , 2007, 61, 222-234.	2.7	45
6	<i>Pseudomonas corrugata</i> <i>crpCDE</i> is part of the cyclic lipopeptide corpeptin biosynthetic gene cluster and is involved in bacterial virulence in tomato and in hypersensitive response in <i>Nicotiana benthamiana</i> . <i>Molecular Plant Pathology</i> , 2015, 16, 495-506.	4.2	42
7	N-acyl-homoserine-lactone quorum sensing in tomato phytopathogenic <i>Pseudomonas</i> spp. is involved in the regulation of lipodepsipeptide production. <i>Journal of Biotechnology</i> , 2012, 159, 274-282.	3.8	41
8	Identification and Detection of <i>Phoma tracheiphila</i> , Causal Agent of Citrus Mal Secco Disease, by Real-Time Polymerase Chain Reaction. <i>Plant Disease</i> , 2006, 90, 1523-1530.	1.4	35
9	Phenotypic and genomic evidence for the revision of <i>Pseudomonas corrugata</i> and proposal of <i>Pseudomonas mediterranea</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1749-1758.	1.7	32
10	Plant Growth-Promoting Activity of <i>Pseudomonas aeruginosa</i> FG106 and Its Ability to Act as a Biocontrol Agent against Potato, Tomato and Taro Pathogens. <i>Biology</i> , 2022, 11, 140.	2.8	31
11	Regulation of polyhydroxyalkanoate synthases (<i>phaC1</i> and <i>phaC2</i>) gene expression in <i>Pseudomonas corrugata</i> . <i>Applied Microbiology and Biotechnology</i> , 2006, 72, 1054-1062.	3.6	28
12	Title is missing!. <i>European Journal of Plant Pathology</i> , 2000, 106, 753-762.	1.7	26
13	A polyphasic approach to the identification of ochratoxin A-producing black <i>Aspergillus</i> isolates from vineyards in Sicily. <i>International Journal of Food Microbiology</i> , 2008, 127, 147-154.	4.7	26
14	Transcriptome analysis of <i>Pseudomonas mediterranea</i> and <i>P. corrugata</i> plant pathogens during accumulation of medium-chain-length PHAs by glycerol bioconversion. <i>New Biotechnology</i> , 2017, 37, 39-47.	4.4	26
15	Production of Polyhydroxyalkanoates and Extracellular Products Using <i>Pseudomonas Corrugata</i> and <i>P. Mediterranea</i> : A Review. <i>Bioengineering</i> , 2019, 6, 105.	3.5	26
16	Endophytic Bacterial Isolates From Halophytes Demonstrate Phytopathogen Biocontrol and Plant Growth Promotion Under High Salinity. <i>Frontiers in Microbiology</i> , 2021, 12, 681567.	3.5	25
17	Plant-Microbe Interaction in Sustainable Agriculture: The Factors That May Influence the Efficacy of PGP Application. <i>Sustainability</i> , 2022, 14, 2253.	3.2	23
18	The Transcriptional Activator <i>rfiA</i> Is Quorum-Sensing Regulated by Cotranscription with the <i>luxI</i> Homolog <i>pcoI</i> and Is Essential for Plant Virulence in <i>Pseudomonas corrugata</i> . <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1514-1522.	2.6	22

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19	Role of secondary metabolites in the biocontrol activity of <i>Pseudomonas corrugata</i> and <i>Pseudomonas mediterranea</i> . <i>European Journal of Plant Pathology</i> , 2017, 149, 103-115.	1.7	22
20	Trends in Molecular Diagnosis and Diversity Studies for Phytosanitary Regulated <i>Xanthomonas</i> . <i>Microorganisms</i> , 2021, 9, 862.	3.6	22
21	Poly(hydroxyalkanoate) synthase genotype and PHA production of <i>Pseudomonas corrugata</i> and <i>P. mediterranea</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2005, 32, 75-82.	3.0	18
22	Clonal populations of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> are responsible for the outbreaks of bacterial canker in greenhouse tomatoes in Italy. <i>Plant Pathology</i> , 2016, 65, 484-495.	2.4	17
23	Over-expression of CsGSTU promotes tolerance to the herbicide alachlor and resistance to <i>Pseudomonas syringae</i> pv. <i>tabaci</i> in transgenic tobacco. <i>Biologia Plantarum</i> , 2017, 61, 169-177.	1.9	17
24	First Report of Leaf Spot Caused by <i>Cylindrocladium pauciramosum</i> on <i>Acacia retinodes</i> , <i>Arbutus unedo</i> , <i>Feijoa sellowiana</i> , and <i>Dodonaea viscosa</i> in Southern Italy. <i>Plant Disease</i> , 2001, 85, 803-803.	1.4	17
25	The LuxR Regulators PcoR and RfiA Co-regulate Antimicrobial Peptide and Alginate Production in <i>Pseudomonas corrugata</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 521.	3.5	16
26	Grape and environmental mycoflora monitoring in old, traditionally cultivated vineyards on Mount Etna, southern Italy. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 65-73.	3.5	15
27	Fungal Infection Induces Anthocyanin Biosynthesis and Changes in DNA Methylation Configuration of Blood Orange [<i>Citrus sinensis</i> L. (Osbeck)]. <i>Plants</i> , 2021, 10, 244.	3.5	15
28	Bioprospecting of Beneficial Bacteria Traits Associated With Tomato Root in Greenhouse Environment Reveals That Sampling Sites Impact More Than the Root Compartment. <i>Frontiers in Plant Science</i> , 2021, 12, 637582.	3.6	15
29	Genetic organization of <i>pha</i> gene locus affects <i>phaC</i> expression, poly(hydroxyalkanoate) composition and granule morphology in <i>Pseudomonas corrugata</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2008, 35, 111-120.	3.0	14
30	Multilocus sequence typing analysis of Italian <i>Xanthomonas campestris</i> pv. <i>campestris</i> strains suggests the evolution of local endemic populations of the pathogen and does not correlate with race distribution. <i>Plant Pathology</i> , 2019, 68, 278-287.	2.4	14
31	Construction of EGFP-Labeling System for Visualizing the Infection Process of <i>Xanthomonas axonopodis</i> pv. <i>citri</i> in planta. <i>Current Microbiology</i> , 2012, 65, 304-312.	2.2	12
32	Draft genome sequence of <i>Pseudomonas corrugata</i> , a phytopathogenic bacterium with potential industrial applications. <i>Journal of Biotechnology</i> , 2014, 175, 65-66.	3.8	12
33	First Report of Bacterial Stem Rot Caused by <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> and <i>P. carotovorum</i> subsp. <i>atrosepticum</i> on Grafted Eggplant in Italy. <i>Plant Disease</i> , 2001, 85, 921-921.	1.4	11
34	First Report of Thielaviopsis Trunk Rot of Date Palm in Italy. <i>Plant Disease</i> , 2006, 90, 972-972.	1.4	9
35	Occurrence of tomato pith necrosis caused by <i>Pseudomonas marginalis</i> in Italy. <i>Plant Pathology</i> , 2010, 59, 402-402.	2.4	7
36	Draft Genome Sequence of <i>Pseudomonas mediterranea</i> Strain CFBP 5447T, a Producer of Filable Medium-Chain-Length Polyhydroxyalkanoates. <i>Genome Announcements</i> , 2014, 2, .	0.8	7

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37	Detection and identification of <i>Xanthomonas arboricola</i> pv. <i>pruni</i> from symptomless plant material: results of an Italian test performance study. EPPO Bulletin, 2015, 45, 41-51.	0.8	6
38	Bacterial Diseases. , 2020, , 33-54.		6
39	First Report of Leaf Spot and Blight Caused by <i>Ralstonia pickettii</i> on Bird of Paradise Tree in Italy. Plant Disease, 2008, 92, 835-835.	1.4	6
40	Integrating science on <i>Xanthomonadaceae</i> for sustainable plant disease management in Europe. Molecular Plant Pathology, 2021, 22, 1461-1463.	4.2	6
41	Pathotyping Citrus Ornamental Relatives with <i>Xanthomonas citri</i> pv. <i>citri</i> and <i>X. citri</i> pv. <i>aurantifolii</i> Refines Our Understanding of Their Susceptibility to These Pathogens. Microorganisms, 2022, 10, 986.	3.6	6
42	Ecology-based analysis of a recent association between <i>Spartium junceum</i> and 16SrV phytoplasma. Plant Pathology, 2021, 70, 305-317.	2.4	4
43	Diseases caused by fungi and oomycetes. , 2020, , 349-369.		3
44	<i>Polygala myrtifolia</i> as a New Natural Host of Cucumber mosaic virus. Plant Disease, 2002, 86, 1403-1403.	1.4	3
45	First Report of Occurrence of Verticillium Wilt on Some Ornamental Trees in Sicily. Plant Disease, 2001, 85, 924-924.	1.4	3
46	Extreme Susceptibility of Primosole Mandarin to <i>Alternaria</i> Fruit Rot in Italy. Plant Disease, 2001, 85, 1291-1291.	1.4	3
47	Collecting and preserving plant DNA for huanglongbing diagnosis in citrus samples from China. European Journal of Plant Pathology, 2016, 146, 829-836.	1.7	1
48	Plant teratologies as a result of phytoplasma infections. Plant Biosystems, 2017, 151, 931-939.	1.6	1
49	Molecular Mechanisms for Resistance to Biotic Stresses. Compendium of Plant Genomes, 2020, , 281-294.	0.5	0