

# Marco Scortichini

## List of Publications by Year in descending order

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68  
papers

2,549  
citations

172207

29  
h-index

205818

48  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2563  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Pseudomonas syringae</i> pv. <i>actinidiae</i> : a re-emerging, multi-faceted, pandemic pathogen. <i>Molecular Plant Pathology</i> , 2012, 13, 631-640.	2.0	214
2	Effect of Chitosan Coating on the Postharvest Quality and Antioxidant Enzyme System Response of Strawberry Fruit during Cold Storage. <i>Foods</i> , 2015, 4, 501-523.	1.9	158
3	Influence of postharvest chitosan treatment on enzymatic browning and antioxidant enzyme activity in sweet cherry fruit. <i>Postharvest Biology and Technology</i> , 2015, 109, 45-56.	2.9	156
4	<i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Draft Genomes Comparison Reveal Strain-Specific Features Involved in Adaptation and Virulence to Actinidia Species. <i>PLoS ONE</i> , 2011, 6, e27297.	1.1	137
5	The Effect of Chitosan Coating on the Quality and Nutraceutical Traits of Sweet Cherry During Postharvest Life. <i>Food and Bioprocess Technology</i> , 2015, 8, 394-408.	2.6	135
6	Identification of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> as Causal Agent of Bacterial Canker of Yellow Kiwifruit ( <i>Actinidia chinensis</i> Planchon) in Central Italy. <i>Journal of Phytopathology</i> , 2009, 157, 768-770.	0.5	103
7	Reference gene selection for normalization of RT-qPCR gene expression data from <i>Actinidia deliciosa</i> leaves infected with <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Scientific Reports</i> , 2015, 5, 16961.	1.6	97
8	Extensive remodeling of the <i>Pseudomonas syringae</i> pv. <i>avellanae</i> type III secretome associated with two independent host shifts onto hazelnut. <i>BMC Microbiology</i> , 2012, 12, 141.	1.3	67
9	<i>Pseudomonas syringae</i> pv. <i>actinidiae</i> : Ecology, Infection Dynamics and Disease Epidemiology. <i>Microbial Ecology</i> , 2020, 80, 81-102.	1.4	67
10	A reappraisal of traditional apple cultivars from Southern Italy as a rich source of phenols with superior antioxidant activity. <i>Food Chemistry</i> , 2013, 140, 672-679.	4.2	64
11	Genome-wide comparison and taxonomic relatedness of multiple <i>Xylella fastidiosa</i> strains reveal the occurrence of three subspecies and a new <i>Xylella</i> species. <i>Archives of Microbiology</i> , 2016, 198, 803-812.	1.0	63
12	Methyl jasmonate and ozone affect the antioxidant system and the quality of wine grape during postharvest partial dehydration. <i>Food Research International</i> , 2018, 112, 369-377.	2.9	60
13	Genome drafts of four phytoplasma strains of the ribosomal group 16SrIII. <i>Microbiology (United Kingdom)</i> 1 0.784314 rgBT /Overlock 0.7 59		
14	Chemical composition, nutritional value and antioxidant properties of autochthonous <i>Prunus avium</i> cultivars from Campania Region. <i>Food Research International</i> , 2014, 64, 188-199.	2.9	58
15	Isolation and partial characterization of bacteriophages infecting <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> , causal agent of kiwifruit bacterial canker. <i>Journal of Basic Microbiology</i> , 2014, 54, 1210-1221.	1.8	55
16	Influence of a chitosan coating on the quality and nutraceutical traits of loquat fruit during postharvest life. <i>Scientia Horticulturae</i> , 2015, 197, 287-296.	1.7	52
17	Effect of cold storage and shelf life on physiological and quality traits of early ripening pear cultivars. <i>Scientia Horticulturae</i> , 2013, 162, 341-350.	1.7	51
18	Proteomic changes in <i>Actinidia chinensis</i> shoot during systemic infection with a pandemic <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> strain. <i>Journal of Proteomics</i> , 2013, 78, 461-476.	1.2	50

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19	The Kiwifruit Emerging Pathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Does Not Produce AHLs but Possesses Three LuxR Solos. <i>PLoS ONE</i> , 2014, 9, e87862.	1.1	46
20	Chitosan Coating: A Postharvest Treatment to Delay Oxidative Stress in Loquat Fruits during Cold Storage. <i>Agronomy</i> , 2018, 8, 54.	1.3	45
21	Bacterial Canker and Decline of European Hazelnut. <i>Plant Disease</i> , 2002, 86, 704-709.	0.7	44
22	Agronomic, nutraceutical and molecular variability of feijoa ( <i>Acca sellowiana</i> (O. Berg) Burret) germplasm. <i>Scientia Horticulturae</i> , 2015, 191, 1-9.	1.7	42
23	Postharvest treatment with chitosan affects the antioxidant metabolism and quality of wine grape during partial dehydration. <i>Postharvest Biology and Technology</i> , 2018, 137, 38-45.	2.9	42
24	Bacteria Associated with Hazelnut ( <i>Corylus avellana</i> L.) Decline Are of Two Groups: <i>Pseudomonas avellanae</i> and Strains Resembling <i>P. syringae</i> pv. <i>syringae</i> . <i>Applied and Environmental Microbiology</i> , 2002, 68, 476-484.	1.4	40
25	Proteomic analysis of the <i>Actinidia deliciosa</i> leaf apoplast during biotrophic colonization by <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Journal of Proteomics</i> , 2014, 101, 43-62.	1.2	40
26	A Genomic Redefinition of <i>Pseudomonas avellanae</i> species. <i>PLoS ONE</i> , 2013, 8, e75794.	1.1	40
27	Definition of Plant-Pathogenic <i>Pseudomonas</i> Genomespecies of the <i>Pseudomonas syringae</i> Complex Through Multiple Comparative Approaches. <i>Phytopathology</i> , 2014, 104, 1274-1282.	1.1	38
28	<i>Pseudomonas syringae</i> pv. <i>coryli</i> , the Causal Agent of Bacterial Twig Dieback of <i>Corylus avellana</i> . <i>Phytopathology</i> , 2005, 95, 1316-1324.	1.1	37
29	Field efficacy of chitosan to control <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> , the causal agent of kiwifruit bacterial canker. <i>European Journal of Plant Pathology</i> , 2014, 140, 887-892.	0.8	33
30	Convergent evolution of phytopathogenic pseudomonads onto hazelnut. <i>Microbiology (United Kingdom)</i> , 2016, 162, 2087-2098.	0.7	27
31	<i>Xylella fastidiosa</i> CoDiRO strain associated with the olive quick decline syndrome in southern Italy belongs to a clonal complex of the subspecies <i>pauca</i> that evolved in Central America. <i>Microbiology (United Kingdom)</i> , 2016, 162, 2087-2098.	0.7	26
32	Integron variability in <i>Xanthomonas arboricola</i> pv. <i>juglandis</i> and <i>Xanthomonas arboricola</i> pv. <i>pruni</i> strains. <i>FEMS Microbiology Letters</i> , 2008, 288, 19-24.	0.7	23
33	Evaluation of different training systems on Annurca apple fruits revealed by agronomical, qualitative and NMR-based metabolomic approaches. <i>Food Chemistry</i> , 2017, 222, 18-27.	4.2	22
34	Oxidative damage and cell-programmed death induced in <i>Zea mays</i> L. by allelochemical stress. <i>Ecotoxicology</i> , 2015, 24, 926-937.	1.1	21
35	Occurrence in Soil and Primary Infections of <i>Pseudomonas corrugata</i> Roberts and Scarlett. <i>Journal of Phytopathology</i> , 1989, 125, 33-40.	0.5	20
36	Occurrence of copper-resistant <i>Pseudomonas syringae</i> pv. <i>syringae</i> strains isolated from rain and kiwifruit orchards also infected by <i>P. s. pv. actinidiae</i> . <i>European Journal of Plant Pathology</i> , 2017, 149, 953-968.	0.8	20

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37	<i>Clostridium bifermentans</i> and <i>C. subterminale</i> are associated with kiwifruit vine decline, known as <i>morìa</i> , in Italy. <i>Plant Pathology</i> , 2020, 69, 765-774.	1.2	20
38	Progress towards Sustainable Control of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> in Olive Groves of Salento (Apulia, Italy). <i>Pathogens</i> , 2021, 10, 668.	1.2	20
39	<i>Xylella fastidiosa</i> and olive quick decline syndrome (CoDiRO) in Salento (southern Italy): a chemometric <sup>1</sup> H NMR-based preliminary study on Ogliarola salentina and Cellina di Nardà <sup>2</sup> cultivars. <i>Chemical and Biological Technologies in Agriculture</i> , 2017, 4, .	1.9	19
40	Further In Vitro Assessment and Mid-Term Evaluation of Control Strategy of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> in Olive Groves of Salento (Apulia, Italy). <i>Pathogens</i> , 2021, 10, 85.	1.2	19
41	Genomic Structural Variations Affecting Virulence During Clonal Expansion of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Biovar 3 in Europe. <i>Frontiers in Microbiology</i> , 2018, 9, 656.	1.5	18
42	<sup>1</sup> H-NMR Metabolite Fingerprinting Analysis Reveals a Disease Biomarker and a Field Treatment Response in <i>Xylella fastidiosa</i> subsp. <i>pauca</i> -Infected Olive Trees. <i>Plants</i> , 2019, 8, 115.	1.6	17
43	Comparative Genomic Analyses of Multiple <i>Pseudomonas</i> Strains Infecting <i>Corylus avellana</i> Trees Reveal the Occurrence of Two Genetic Clusters with Both Common and Distinctive Virulence and Fitness Traits. <i>PLoS ONE</i> , 2015, 10, e0131112.	1.1	17
44	Multilocus Sequence Typing Reveals Relevant Genetic Variation and Different Evolutionary Dynamics among Strains of <i>Xanthomonas arboricola</i> pv. <i>juglandis</i> . <i>Diversity</i> , 2010, 2, 1205-1222.	0.7	16
45	Soil and Leaf Ionome Heterogeneity in <i>Xylella fastidiosa</i> Subsp. <i>pauca</i> -Infected, Non-Infected and Treated Olive Groves in Apulia, Italy. <i>Plants</i> , 2020, 9, 760.	1.6	16
46	An ELISA method to identify the phytotoxic <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> exopolysaccharides: A tool for rapid immunochemical detection of kiwifruit bacterial canker. <i>Phytochemistry Letters</i> , 2017, 19, 136-140.	0.6	13
47	The Multi-Millennial Olive Agroecosystem of Salento (Apulia, Italy) Threatened by <i>Xylella Fastidiosa</i> Subsp. <i>Pauca</i> : A Working Possibility of Restoration. <i>Sustainability</i> , 2020, 12, 6700.	1.6	13
48	Effects of hot water treatment to control <i>Xanthomonas arboricola</i> pv. <i>corylina</i> on hazelnut () Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 302	1.7	11
49	<i>Xylella fastidiosa</i> subsp. <i>pauca</i> and olive produced lipids moderate the switch adhesive versus non-adhesive state and viceversa. <i>PLoS ONE</i> , 2020, 15, e0233013.	1.1	11
50	Clonal population structure of <i>Pseudomonas avellanae</i> strains of different origin based on multilocus enzyme electrophoresis. <i>Microbiology (United Kingdom)</i> , 2003, 149, 2891-2900.	0.7	8
51	Effect of chitosan treatment on strawberry allergen-related gene expression during ripening stages. <i>Journal of Food Science and Technology</i> , 2017, 54, 1340-1345.	1.4	8
52	<i>Xanthomonas arboricola</i> pv. <i>fragariae</i> : a confirmation of the pathogenicity of the pathotype strain. <i>European Journal of Plant Pathology</i> , 2018, 150, 825-829.	0.8	8
53	Agro-active endo-therapy treated <i>Xylella fastidiosa</i> subsp. <i>pauca</i> -infected olive trees assessed by the first <sup>1</sup> H-NMR-based metabolomic study. <i>Scientific Reports</i> , 2022, 12, 5973.	1.6	8
54	Sustainable Management of Diseases in Horticulture: Conventional and New Options. <i>Horticulturae</i> , 2022, 8, 517.	1.2	8

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55	Variability of the 16S-23S rRNA gene internal transcribed spacer in <i>Pseudomonas avellanae</i> strains. <i>FEMS Microbiology Letters</i> , 2007, 271, 274-280.	0.7	7
56	Omics, epidemiology and integrated approach for the coexistence with bacterial canker of kiwifruit, caused by <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Italian Journal of Agronomy</i> , 2014, 9, 163-165.	0.4	7
57	Olive Cultivars Susceptible or Tolerant to <i>Xylella fastidiosa</i> Subsp. <i>pauca</i> Exhibit Mid-Term Different Metabolomes upon Natural Infection or a Curative Treatment. <i>Plants</i> , 2021, 10, 772.	1.6	7
58	Some strains that have converged to infect <i>Prunus</i> spp. trees are members of distinct <i>Pseudomonas syringae</i> genomospecies and ecotypes as revealed by in silico genomic comparison. <i>Archives of Microbiology</i> , 2019, 201, 67-80.	1.0	6
59	Orthology-Based Estimate of the Contribution of Horizontal Gene Transfer from Distantly Related Bacteria to the Intraspecific Diversity and Differentiation of <i>Xylella fastidiosa</i> . <i>Pathogens</i> , 2021, 10, 46.	1.2	6
60	Phylogenetic, genetic, and phenotypic diversity of <i>Pseudomonas syringae</i> pv. <i>syringae</i> strains isolated from citrus blast and black pit in Tunisia. <i>Plant Pathology</i> , 2020, 69, 1414-1425.	1.2	5
61	THE PROBLEM CAUSED BY <i>PSEUDOMONAS AVELLANAE</i> ON HAZELNUT IN ITALY. <i>Acta Horticulturae</i> , 2001, , 503-508.	0.1	2
62	Characterization of <i>Pseudomonas Syringae</i> pv. <i>atrofaciens</i> . <i>Developments in Plant Pathology</i> , 1997, , 500-504.	0.1	2
63	Selection and validation of reference genes for gene expression studies in <i>Xanthomonas arboricola</i> pv. <i>juglandis</i> subjected to abiotic stress. <i>Plant Pathology</i> , 2021, 70, 1455-1466.	1.2	1
64	Characterisation of the MutS and MutL Proteins from the <i>Pseudomonas avellanae</i> Mismatch Repair (MMR) System. <i>Open Microbiology Journal</i> , 2012, 6, 45-52.	0.2	1
65	Characterization of <i>Pseudomonas Syringae</i> pv. <i>actinidiae</i> , The Causal Agent of Bacterial Canker of Kiwifruit by Whole Cell Protein Electrophoresis and Fatty Acid Analysis.. <i>Developments in Plant Pathology</i> , 1997, , 499-499.	0.1	1
66	Mass Spectrometry-Based Targeted Lipidomics and Supervised Machine Learning Algorithms in Detecting Disease, Cultivar, and Treatment Biomarkers in <i>Xylella fastidiosa</i> subsp. <i>pauca</i> -Infected Olive Trees. <i>Frontiers in Plant Science</i> , 2022, 13, 833245.	1.7	1
67	Genome Plasticity and Dynamic Evolution of Phytopathogenic <i>Pseudomonads</i> and Related Bacteria. , 2014, , 99-129.		0
68	Common Themes and Specific Features in the Genomes of Phytopathogenic and Plant-Beneficial Bacteria. , 2014, , 1-26.		0