Piero Attilio Bianco

List of Publications by Year
in descending order

71 papers	1,841 citations	257450 24 h-index	289244 40 g-index
74 all docs	74 docs citations	74 times ranked	1492 citing authors

#	Article	IF	Citations
1	â€˜ Candidatus Phytoplasma solaniâ€™, a novel taxon associated with stolbur- and bois noir-related diseases of plants. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2879-2894.	1.7	190
2	Genetic variability among flavescence dorÃ©e phytoplasmas from different origins in Italy and France. Molecular and Cellular Probes, 2002, 16, 197-208.	2.1	95
3	Endophytic bacterial diversity in grapevine (Vitis vinifera L.) leaves described by 16S rRNA gene sequence analysis and length heterogeneity-PCR. Journal of Microbiology, 2009, 47, 393-401.	2.8	90
4	A Novel Bacteroidetes Symbiont Is Localized in Scaphoideus titanus , the Insect Vector of Flavescence Dorèe in Vitis vinifera. Applied and Environmental Microbiology, 2006, 72, 1467-1475.	3.1	89
5	Restructuring of Endophytic Bacterial Communities in Grapevine Yellows-Diseased and Recovered Vitis vinifera L. Plants. Applied and Environmental Microbiology, 2011, 77, 5018-5022.	3.1	86
6	â€˜Candidatus Liberibacter europaeusâ€™ sp. nov. that is associated with and transmitted by the psyllid Cacopsylla pyri apparently behaves as an endophyte rather than a pathogen. Environmental Microbiology, 2011, 13, 414-426.	3.8	84
7	A cixiid survey for natural potential vectors of â€˜Candidatus Phytoplasma phoeniciumâ€™ in Lebanon and preliminary transmission trials. Annals of Applied Biology, 2015, 166, 372-388.	2.5	65
8	Endophytic bacterial community of grapevine leaves influenced by sampling date and phytoplasma infection process. BMC Microbiology, 2014, 14, 198.	3.3	63
9	Induced expression of sucrose synthase and alcohol dehydrogenase I genes in phytoplasmaâ€infected grapevine plants grown in the field. Plant Pathology, 2009, 58, 170-180.	2.4	54
10	Endophytic bacterial community living in roots of healthy and â€˜Candidatus Phytoplasma maliâ€™-infected apple (Malus domestica, Borkh.) trees. Antonie Van Leeuwenhoek, 2012, 102, 677-687.	1.7	50
11	Unique resistance traits against downy mildew from the center of origin of grapevine (Vitis vinifera). Scientific Reports, 2018, 8, 12523.	3.3	50
12	New 16Sr subgroups and distinct single nucleotide polymorphism lineages among grapevine Bois noir phytoplasma populations. Annals of Applied Biology, 2009, 154, 279-289.	2.5	43
13	Identification and Characterization of New â€˜Candidatus Phytoplasma solaniâ€™ Strains Associated with Bois Noir Disease in Vitis vinifera L. Cultivars Showing a Range of Symptom Severity in Georgia, the Caucasus Region. Plant Disease, 2016, 100, 904-915.	1.4	42
14	A timeâ€course investigation of resistance to the carboxylic acid amide mandipropamid in field populations of Plasmopara viticola treated with antiâ€resistance strategies. Pest Management Science, 2018, 74, 2822-2834.	3.4	39
15	â€˜Candidatus Phytoplasma phoeniciumâ€™ associated with almond witchesâ€™-broom disease: from draft genome to genetic diversity among strain populations. BMC Microbiology, 2015, 15, 148.	3.3	38
16	Rpv29, Rpv30 and Rpv31: Three Novel Genomic Loci Associated With Resistance to Plasmopara viticola in Vitis vinifera. Frontiers in Plant Science, 2020, 11, 562432.	3.6	38
17	Investigation on â€˜bois noirâ€™ epidemiology in northâ€eastern Italian vineyards through a multidisciplinary approach. Annals of Applied Biology, 2015, 166, 75-89.	2.5	37
18	Novel Aspects on The Interaction Between Grapevine and Plasmopara viticola: Dual-RNA-Seq Analysis Highlights Gene Expression Dynamics in The Pathogen and The Plant During The Battle For Infection. Genes, 2020, 11, 261.	2.4	37

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19	Identification and ecology of alternative insect vectors of â€˜Candidatus Phytoplasma solaniâ€™ to grapevine. Scientific Reports, 2019, 9, 19522.	3.3	35
20	From plant resistance response to the discovery of antimicrobial compounds: The role of volatile organic compounds (VOCs) in grapevine downy mildew infection. Plant Physiology and Biochemistry, 2021, 160, 294-305.	5.8	32
21	Competition assays revealed Paenibacillus pasadenensis strain R16 as a novel antifungal agent. Microbiological Research, 2017, 198, 16-26.	5.3	29
22	Asymmetrasca decedens (Cicadellidae, Typhlocybinae), a natural vector of â€˜Candidatus Phytoplasma phoeniciumâ€™. Annals of Applied Biology, 2014, 165, 395-403.	2.5	28
23	New insights on Flavescence dorÃ©e phytoplasma ecology in the vineyard agroâ€ecosystem in southern Switzerland. Annals of Applied Biology, 2017, 171, 37-51.	2.5	28
24	Georgian Grapevine Cultivars: Ancient Biodiversity for Future Viticulture. Frontiers in Plant Science, 2021, 12, 630122.	3.6	26
25	Molecular Typing of Bois Noir Phytoplasma Strains in the Chianti Classico Area (Tuscany, Central) Tj ETQq1 1 0.784314 rgBT /Overloc Phytopathology, 2018, 108, 362-373.	2.2	25
26	Genetic structure of Italian population of the grapevine downy mildew agent, Plasmopara viticola. Annals of Applied Biology, 2020, 176, 257-267.	2.5	25
27	RNAi of a Putative Grapevine Susceptibility Gene as a Possible Downy Mildew Control Strategy. Frontiers in Plant Science, 2021, 12, 667319.	3.6	25
28	Identification and Molecular Characterization of Ã¢Â€Â˜CandidatusPhytoplasma maliÃ¢Â€Â™ Isolates in North-western Italy. Journal of Phytopathology, 2010, 158, 81-87.	1.0	22
29	Genetic diversity among â€˜Candidatus Liberibacter asiaticusâ€™ isolates based on single nucleotide polymorphisms in 16S rRNA and ribosomal protein genes. Annals of Microbiology, 2009, 59, 681-688.	2.6	21
30	Real-Time On-Site Diagnosis of Quarantine Pathogens in Plant Tissues by Nanopore-Based Sequencing. Pathogens, 2022, 11, 199.	2.8	21
31	Multiple gene analyses reveal extensive genetic diversity among â€˜Candidatus Phytoplasma maliâ€™ populations. Annals of Applied Biology, 2011, 158, 257-266.	2.5	17
32	First Report of â€˜Candidatus Phytoplasma solaniâ€™ Strains Associated with Grapevine Bois Noir in Jordan. Plant Disease, 2013, 97, 1505-1505.	1.4	16
33	Curtobacterium sp. Genome Sequencing Underlines Plant Growth Promotion-Related Traits. Genome Announcements, 2014, 2, .	0.8	15
34	Role of terpenes in plant defense to biotic stress. , 2021, , 401-417.		15
35	Fruit Crop Phytoplasmas. , 2018, , 153-190.		14
36	Peach witchesâ€™-broom, an emerging disease associated with â€˜Candidatus Phytoplasma phoeniciumâ€™ and â€˜Candidatus Phytoplasma aurantifoliaâ€™ in Iran. Crop Protection, 2020, 127, 104946.	2.1	14

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37	Flavescence dorÃ©e phytoplasma affecting grapevine (Vitis vinifera) newly reported in Portugal. Plant Pathology, 2010, 59, 398-398.	2.4	13
38	First Report of â€˜Candidatus Phytoplasma solaniâ€™ and â€˜Ca. P. convolvuliâ€™ Associated with Grapevine Bois Noir and Bindweed Yellows, Respectively, in Georgia. Plant Disease, 2014, 98, 1151-1151.	1.4	13
39	Identification of new -J and -K 16SrXII subgroups and distinct single nucleotide polymorphism genetic lineages among â€˜Candidatus Phytoplasma solaniâ€™ strains associated with bois noir in Central Italy. Australasian Plant Pathology, 2017, 46, 31-34.	1.0	13
40	Proposal of A New Bois Noir Epidemiological Pattern Related to â€˜Candidatus Phytoplasma Solaniâ€™ Strains Characterized by A Possible Moderate Virulence in Tuscany. Pathogens, 2020, 9, 268.	2.8	13
41	Role of <I>Myzus persicae</I> (Hemiptera: Aphididae) and Its Secondary Hosts in Plum Pox Virus Propagation. Journal of Economic Entomology, 2007, 100, 1047-1052.	1.8	12
42	First report of a â€˜Candidatus Phytoplasma asterisâ€™â€•related strain associated with a yellows disease of black pepper (Piper nigrum) in India. Plant Pathology, 2009, 58, 789-789.	2.4	12
43	Distinct rpsC single nucleotide polymorphism lineages of Flavescence DorÃ©e subgroup 16SrV-D phytoplasma co-infect Vitis vinifera L.. Folia Microbiologica, 2010, 55, 251-257.	2.3	12
44	Studies of Microbiota Dynamics Reveals Association of â€œCandidatus Liberibacter Asiaticusâ€•Infection with Citrus (Citrus sinensis) Decline in South of Iran. International Journal of Molecular Sciences, 2018, 19, 1817.	4.1	12
45	Molecular and spatial analyses reveal new insights on Bois noir epidemiology in Franciacorta vineyards. Annals of Applied Biology, 2021, 179, 151-168.	2.5	11
46	First Report of â€˜Candidatus Phytoplasma aurantifoliaâ€™-Related Strains Infecting Potato (Solanum tuberosum) in Jordan. Plant Disease, 2019, 103, 1406-1406.	1.4	11
47	Sequence analyses of <scp>S10</scp>â€•spc operon among <scp>16SrV</scp> group phytoplasmas: phylogenetic relationships and identification of discriminating single nucleotide polymorphisms. Annals of Applied Biology, 2012, 161, 234-246.	2.5	8
48	Characterization of fungicide sensitivity profiles of Botrytis cinerea populations sampled in Lombardy (Northern Italy) and implications for resistance management. Pest Management Science, 2020, 76, 2198-2207.	3.4	8
49	First Report of Grapevine virus A and Grapevine fleck virus in the Former Yugoslav Republic of Macedonia. Plant Disease, 2014, 98, 1747-1747.	1.4	8
50	Reverse transcription-duplex-polymerase chain reaction for simultaneous detection of Citrus tristeza virus and â€˜Candidatus Liberibacterâ€™ from citrus plants. Journal of Plant Diseases and Protection, 2010, 117, 241-243.	2.9	7
51	Vitex agnusâ€•castus cannot be used as trap plant for the vector Hyalesthes obsoletus to prevent infections by â€˜ Candidatus Phytoplasma solaniâ€™ in northern Italian vineyards: Experimental evidence. Annals of Applied Biology, 2019, 175, 302-312.	2.5	7
52	Molecular typing of Coorg black pepper yellows phytoplasma by multiple gene analyses. Annals of Applied Biology, 2011, 159, 58-68.	2.5	6
53	First Report of a New Citrus Decline Disease (CDD) in Association with Double and Single Infection by â€˜Candidatus Liberibacter asiaticusâ€™ and â€˜Candidatus Phytoplasma aurantifoliaâ€™ Related Strains in Iran. Plant Disease, 2017, 101, 2145-2145.	1.4	6
54	DeclinaciÃ³n de la vid en TÃºnez asociada a hongos de las familias Diaporthaceae y Botryosphaeriaceae. Ciencia E Investigacion Agraria, 2017, 44, 127-138.	0.2	5

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55	Multilocus Genotyping Reveals New Molecular Markers for Differentiating Distinct Genetic Lineages among â€œCandidatus Phytoplasma Solaniâ€•Strains Associated with Grapevine Bois Noir. Pathogens, 2020, 9, 970.	2.8	5
56	First Report of SDHI Resistant Strains of Venturia inaequalis From Commercial Orchards in Northern Italy. Plant Disease, 2016, 100, 2324.	1.4	5
57	Integrated Management of Phytoplasma Diseases. , 2019, , 237-258.		4
58	Bacterial microbiota associated with insect vectors of grapevine Bois noir disease in relation to phytoplasma infection. FEMS Microbiology Ecology, 2020, 96, .	2.7	4
59	Conventional and novel strategies for the phytoplasma diseases containment. Phytopathogenic Mollicutes, 2011, 1, 77.	0.1	4
60	Solanum malacoxylon, a New Natural Host of Stolbur Phytoplasma. Journal of Phytopathology, 2007, 156, 071003002748004-???.	1.0	3
61	Genetic diversity of â€˜Candidatus Phytoplasma phoeniciumâ€™ strain populations associated with almond witchesâ€™ broom in Lebanon and Iran. Phytopathogenic Mollicutes, 2019, 9, 217.	0.1	3
62	Perspectives of endophytes as biocontrol agents in the management of phytoplasma diseases. Phytopathogenic Mollicutes, 2013, 3, 56.	0.1	3
63	Biocontrol Potential of Endophytic Plant-Growth-Promoting Bacteria against Phytopathogenic Viruses: Molecular Interaction with the Host Plant and Comparison with Chitosan. International Journal of Molecular Sciences, 2022, 23, 6990.	4.1	3
64	Molecular identification and characterization of phytoplasmas infecting tomato in North Italy. European Journal of Plant Pathology, 2019, 153, 293-299.	1.7	2
65	Epidemiological role of spontaneous weeds in the spreading of â€œbois noirâ€•phytoplasma. Phytopathogenic Mollicutes, 2015, 5, S105.	0.1	2
66	â€˜Candidatus Phytoplasma phoeniciumâ€™ associated with apricot yellows and peach witchesâ€™ broom in Iran. Phytopathogenic Mollicutes, 2019, 9, 215.	0.1	2
67	Dissecting the susceptibility/resistance mechanism of Vitis vinifera for the future control of downy mildew. BIO Web of Conferences, 2022, 44, 04002.	0.2	2
68	In Silico Three-Dimensional (3D) Modeling of the SecY Protein of â€˜Candidatus Phytoplasma Solaniâ€™ Strains Associated with Grapevine â€œBois Noirâ€•and Its Possible Relationship with Strain Virulence. International Journal of Plant Biology, 2022, 13, 15-30.	2.6	1
69	Almond witchesâ€™ broom phytoplasma: situation in Lebanon. Phytopathogenic Mollicutes, 2011, 1, 99.	0.1	0
70	Stone fruit phytoplasma disease management in Lebanon. Phytopathogenic Mollicutes, 2011, 1, 103.	0.1	0
71	â€œBois noirâ€•incidence reduction by grafting recovered grapevine shoots. Phytopathogenic Mollicutes, 2019, 9, 181.	0.1	0