

# Piero Attilio Bianco

## List of Publications by Year in descending order

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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	Dissecting the susceptibility/resistance mechanism of <i>Vitis vinifera</i> for the future control of downy mildew. <i>BIO Web of Conferences</i> , 2022, 44, 04002.	0.2	2
2	Real-Time On-Site Diagnosis of Quarantine Pathogens in Plant Tissues by Nanopore-Based Sequencing. <i>Pathogens</i> , 2022, 11, 199.	2.8	21
3	In Silico Three-Dimensional (3D) Modeling of the SecY Protein of <i>Candidatus Phytoplasma Solani</i> Strains Associated with Grapevine Bois Noir and Its Possible Relationship with Strain Virulence. <i>International Journal of Plant Biology</i> , 2022, 13, 15-30.	2.6	1
4	Biocontrol Potential of Endophytic Plant-Growth-Promoting Bacteria against Phytopathogenic Viruses: Molecular Interaction with the Host Plant and Comparison with Chitosan. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6990.	4.1	3
5	Role of terpenes in plant defense to biotic stress. , 2021, , 401-417.		15
6	Georgian Grapevine Cultivars: Ancient Biodiversity for Future Viticulture. <i>Frontiers in Plant Science</i> , 2021, 12, 630122.	3.6	26
7	Molecular and spatial analyses reveal new insights on Bois noir epidemiology in Franciacorta vineyards. <i>Annals of Applied Biology</i> , 2021, 179, 151-168.	2.5	11
8	From plant resistance response to the discovery of antimicrobial compounds: The role of volatile organic compounds (VOCs) in grapevine downy mildew infection. <i>Plant Physiology and Biochemistry</i> , 2021, 160, 294-305.	5.8	32
9	RNAi of a Putative Grapevine Susceptibility Gene as a Possible Downy Mildew Control Strategy. <i>Frontiers in Plant Science</i> , 2021, 12, 667319.	3.6	25
10	Peach witches-broom, an emerging disease associated with <i>Candidatus Phytoplasma phoenicium</i> and <i>Candidatus Phytoplasma aurantifolia</i> in Iran. <i>Crop Protection</i> , 2020, 127, 104946.	2.1	14
11	Genetic structure of Italian population of the grapevine downy mildew agent, <i>Plasmopara viticola</i> . <i>Annals of Applied Biology</i> , 2020, 176, 257-267.	2.5	25
12	Rpv29, Rpv30 and Rpv31: Three Novel Genomic Loci Associated With Resistance to <i>Plasmopara viticola</i> in <i>Vitis vinifera</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 562432.	3.6	38
13	Bacterial microbiota associated with insect vectors of grapevine Bois noir disease in relation to phytoplasma infection. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	4
14	Multilocus Genotyping Reveals New Molecular Markers for Differentiating Distinct Genetic Lineages among <i>Candidatus Phytoplasma Solani</i> Strains Associated with Grapevine Bois Noir. <i>Pathogens</i> , 2020, 9, 970.	2.8	5
15	Novel Aspects on The Interaction Between Grapevine and <i>Plasmopara viticola</i> : Dual-RNA-Seq Analysis Highlights Gene Expression Dynamics in The Pathogen and The Plant During The Battle For Infection. <i>Genes</i> , 2020, 11, 261.	2.4	37
16	Characterization of fungicide sensitivity profiles of <i>Botrytis cinerea</i> populations sampled in Lombardy (Northern Italy) and implications for resistance management. <i>Pest Management Science</i> , 2020, 76, 2198-2207.	3.4	8
17	Proposal of A New Bois Noir Epidemiological Pattern Related to <i>Candidatus Phytoplasma Solani</i> Strains Characterized by A Possible Moderate Virulence in Tuscany. <i>Pathogens</i> , 2020, 9, 268.	2.8	13
18	Molecular identification and characterization of phytoplasmas infecting tomato in North Italy. <i>European Journal of Plant Pathology</i> , 2019, 153, 293-299.	1.7	2

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19	Vitex agnus-castus cannot be used as trap plant for the vector <i>Hyalesthes obsoletus</i> to prevent infections by <i>Candidatus Phytoplasma solani</i> ™ in northern Italian vineyards: Experimental evidence. <i>Annals of Applied Biology</i> , 2019, 175, 302-312.	2.5	7
20	Integrated Management of Phytoplasma Diseases. , 2019, , 237-258.		4
21	Identification and ecology of alternative insect vectors of <i>Candidatus Phytoplasma solani</i> ™ to grapevine. <i>Scientific Reports</i> , 2019, 9, 19522.	3.3	35
22	First Report of <i>Candidatus Phytoplasma aurantifolia</i> ™-Related Strains Infecting Potato ( <i>Solanum tuberosum</i> ) in Jordan. <i>Plant Disease</i> , 2019, 103, 1406-1406.	1.4	11
23	<i>Candidatus Phytoplasma phoenicium</i> ™ associated with apricot yellows and peach witches broom in Iran. <i>Phytopathogenic Mollicutes</i> , 2019, 9, 215.	0.1	2
24	Genetic diversity of <i>Candidatus Phytoplasma phoenicium</i> ™ strain populations associated with almond witches broom in Lebanon and Iran. <i>Phytopathogenic Mollicutes</i> , 2019, 9, 217.	0.1	3
25	Bois noir incidence reduction by grafting recovered grapevine shoots. <i>Phytopathogenic Mollicutes</i> , 2019, 9, 181.	0.1	0
26	Molecular Typing of Bois Noir Phytoplasma Strains in the Chianti Classico Area (Tuscany, Central) <i>Phytopathology</i> , 2018, 108, 362-373.	2.2	25
27	Fruit Crop Phytoplasmas. , 2018, , 153-190.		14
28	Unique resistance traits against downy mildew from the center of origin of grapevine ( <i>Vitis vinifera</i> ). <i>Scientific Reports</i> , 2018, 8, 12523.	3.3	50
29	Studies of Microbiota Dynamics Reveals Association of <i>Candidatus Liberibacter Asiaticus</i> Infection with Citrus ( <i>Citrus sinensis</i> ) Decline in South of Iran. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1817.	4.1	12
30	A time-course investigation of resistance to the carboxylic acid amide mandipropamid in field populations of <i>Plasmopara viticola</i> treated with anti-resistance strategies. <i>Pest Management Science</i> , 2018, 74, 2822-2834.	3.4	39
31	Competition assays revealed <i>Paenibacillus pasadenensis</i> strain R16 as a novel antifungal agent. <i>Microbiological Research</i> , 2017, 198, 16-26.	5.3	29
32	New insights on Flavescence dorée phytoplasma ecology in the vineyard agroecosystem in southern Switzerland. <i>Annals of Applied Biology</i> , 2017, 171, 37-51.	2.5	28
33	Identification of new -J and -K 16SrXII subgroups and distinct single nucleotide polymorphism genetic lineages among <i>Candidatus Phytoplasma solani</i> ™ strains associated with bois noir in Central Italy. <i>Australasian Plant Pathology</i> , 2017, 46, 31-34.	1.0	13
34	First Report of a New Citrus Decline Disease (CDD) in Association with Double and Single Infection by <i>Candidatus Liberibacter asiaticus</i> ™ and <i>Candidatus Phytoplasma aurantifolia</i> ™ Related Strains in Iran. <i>Plant Disease</i> , 2017, 101, 2145-2145.	1.4	6
35	Declinación de la vid en TÁñez asociada a hongos de las familias Diaporthaceae y Botryosphaeriaceae. <i>Ciencia E Investigacion Agraria</i> , 2017, 44, 127-138.	0.2	5
36	Identification and Characterization of New <i>Candidatus Phytoplasma solani</i> ™ Strains Associated with Bois Noir Disease in <i>Vitis vinifera</i> L. Cultivars Showing a Range of Symptom Severity in Georgia, the Caucasus Region. <i>Plant Disease</i> , 2016, 100, 904-915.	1.4	42

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37	First Report of SDHI Resistant Strains of <i>Venturia inaequalis</i> From Commercial Orchards in Northern Italy. <i>Plant Disease</i> , 2016, 100, 2324.	1.4	5
38	A cixiid survey for natural potential vectors of <i>Candidatus</i> <i>Phytoplasma phoenicium</i> ™ in Lebanon and preliminary transmission trials. <i>Annals of Applied Biology</i> , 2015, 166, 372-388.	2.5	65
39	<i>Candidatus</i> <i>Phytoplasma phoenicium</i> ™ associated with almond witches-broom disease: from draft genome to genetic diversity among strain populations. <i>BMC Microbiology</i> , 2015, 15, 148.	3.3	38
40	Investigation on <i>bois noir</i> ™ epidemiology in north-eastern Italian vineyards through a multidisciplinary approach. <i>Annals of Applied Biology</i> , 2015, 166, 75-89.	2.5	37
41	Epidemiological role of spontaneous weeds in the spreading of <i>bois noir</i> -phytoplasma. <i>Phytopathogenic Mollicutes</i> , 2015, 5, S105.	0.1	2
42	First Report of <i>Candidatus</i> <i>Phytoplasma solani</i> ™ and <i>Ca.</i> <i>P. convolvuli</i> ™ Associated with Grapevine Bois Noir and Bindweed Yellows, Respectively, in Georgia. <i>Plant Disease</i> , 2014, 98, 1151-1151.	1.4	13
43	Endophytic bacterial community of grapevine leaves influenced by sampling date and phytoplasma infection process. <i>BMC Microbiology</i> , 2014, 14, 198.	3.3	63
44	<i>Curtobacterium</i> sp. Genome Sequencing Underlines Plant Growth Promotion-Related Traits. <i>Genome Announcements</i> , 2014, 2, .	0.8	15
45	<i>Asymmetrasca decedens</i> (Cicadellidae, Typhlocybinæ), a natural vector of <i>Candidatus</i> <i>Phytoplasma phoenicium</i> ™. <i>Annals of Applied Biology</i> , 2014, 165, 395-403.	2.5	28
46	First Report of <i>Grapevine virus A</i> and <i>Grapevine fleck virus</i> in the Former Yugoslav Republic of Macedonia. <i>Plant Disease</i> , 2014, 98, 1747-1747.	1.4	8
47	<i>Candidatus</i> <i>Phytoplasma solani</i> ™, a novel taxon associated with stolbur- and bois noir-related diseases of plants. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2879-2894.	1.7	190
48	First Report of <i>Candidatus</i> <i>Phytoplasma solani</i> ™ Strains Associated with Grapevine Bois Noir in Jordan. <i>Plant Disease</i> , 2013, 97, 1505-1505.	1.4	16
49	Perspectives of endophytes as biocontrol agents in the management of phytoplasma diseases. <i>Phytopathogenic Mollicutes</i> , 2013, 3, 56.	0.1	3
50	Endophytic bacterial community living in roots of healthy and <i>Candidatus</i> <i>Phytoplasma mali</i> ™-infected apple ( <i>Malus domestica</i> , Borkh.) trees. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 677-687.	1.7	50
51	Sequence analyses of <i>S10</i> operon among <i>16SrV</i> group phytoplasmas: phylogenetic relationships and identification of discriminating single nucleotide polymorphisms. <i>Annals of Applied Biology</i> , 2012, 161, 234-246.	2.5	8
52	Restructuring of Endophytic Bacterial Communities in Grapevine Yellows-Diseased and Recovered <i>Vitis vinifera</i> L. Plants. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5018-5022.	3.1	86
53	<i>Candidatus</i> <i>Liberibacter europaeus</i> ™ sp. nov. that is associated with and transmitted by the psyllid <i>Cacopsylla pyri</i> apparently behaves as an endophyte rather than a pathogen. <i>Environmental Microbiology</i> , 2011, 13, 414-426.	3.8	84
54	Multiple gene analyses reveal extensive genetic diversity among <i>Candidatus</i> <i>Phytoplasma mali</i> ™ populations. <i>Annals of Applied Biology</i> , 2011, 158, 257-266.	2.5	17

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55	Molecular typing of Coorg black pepper yellows phytoplasma by multiple gene analyses. <i>Annals of Applied Biology</i> , 2011, 159, 58-68.	2.5	6
56	Conventional and novel strategies for the phytoplasma diseases containment. <i>Phytopathogenic Mollicutes</i> , 2011, 1, 77.	0.1	4
57	Almond witchesâ€™ broom phytoplasma: situation in Lebanon. <i>Phytopathogenic Mollicutes</i> , 2011, 1, 99.	0.1	0
58	Stone fruit phytoplasma disease management in Lebanon. <i>Phytopathogenic Mollicutes</i> , 2011, 1, 103.	0.1	0
59	Reverse transcription-duplex-polymerase chain reaction for simultaneous detection of Citrus tristeza virus and <i>Candidatus Liberibacter</i> ™ from citrus plants. <i>Journal of Plant Diseases and Protection</i> , 2010, 117, 241-243.	2.9	7
60	Distinct rpsC single nucleotide polymorphism lineages of Flavescence Dorée subgroup 16SrV-D phytoplasma co-infect <i>Vitis vinifera</i> L. <i>Folia Microbiologica</i> , 2010, 55, 251-257.	2.3	12
61	Flavescence dorée phytoplasma affecting grapevine ( <i>Vitis vinifera</i> ) newly reported in Portugal. <i>Plant Pathology</i> , 2010, 59, 398-398.	2.4	13
62	Identification and Molecular Characterization of <i>Candidatus</i> Phytoplasma mali™ Isolates in North-western Italy. <i>Journal of Phytopathology</i> , 2010, 158, 81-87.	1.0	22
63	Genetic diversity among <i>Candidatus Liberibacter asiaticus</i> ™ isolates based on single nucleotide polymorphisms in 16S rRNA and ribosomal protein genes. <i>Annals of Microbiology</i> , 2009, 59, 681-688.	2.6	21
64	Endophytic bacterial diversity in grapevine ( <i>Vitis vinifera</i> L.) leaves described by 16S rRNA gene sequence analysis and length heterogeneity-PCR. <i>Journal of Microbiology</i> , 2009, 47, 393-401.	2.8	90
65	Induced expression of sucrose synthase and alcohol dehydrogenase I genes in phytoplasma-infected grapevine plants grown in the field. <i>Plant Pathology</i> , 2009, 58, 170-180.	2.4	54
66	First report of a <i>Candidatus</i> Phytoplasma asteris™-related strain associated with a yellows disease of black pepper ( <i>Piper nigrum</i> ) in India. <i>Plant Pathology</i> , 2009, 58, 789-789.	2.4	12
67	New 16Sr subgroups and distinct single nucleotide polymorphism lineages among grapevine Bois noir phytoplasma populations. <i>Annals of Applied Biology</i> , 2009, 154, 279-289.	2.5	43
68	Role of <i>Myzus persicae</i> (Hemiptera: Aphididae) and Its Secondary Hosts in Plum Pox Virus Propagation. <i>Journal of Economic Entomology</i> , 2007, 100, 1047-1052.	1.8	12
69	<i>Solanum malacoxylon</i> , a New Natural Host of Stolbur Phytoplasma. <i>Journal of Phytopathology</i> , 2007, 156, 071003002748004-???	1.0	3
70	A Novel Bacteroidetes Symbiont Is Localized in <i>Scaphoideus titanus</i> , the Insect Vector of Flavescence Doree in <i>Vitis vinifera</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 1467-1475.	3.1	89
71	Genetic variability among flavescence dorée phytoplasmas from different origins in Italy and France. <i>Molecular and Cellular Probes</i> , 2002, 16, 197-208.	2.1	95