Franco Nigro

List of Publications by Year
in descending order

77 papers	3,573 citations	186265 28 h-index	144013 57 g-index
82 all docs	82 docs citations	82 times ranked	3878 citing authors

#	Article	IF	Citations
1	Real-time quantitative PCR: a new technology to detect and study phytopathogenic and antagonistic fungi. European Journal of Plant Pathology, 2004, 110, 893-908.	1.7	278
2	Impact of preharvest application of biological control agents on postharvest diseases of fresh fruits and vegetables. Crop Protection, 2000, 19, 715-723.	2.1	236
3	Effects of Pre- and Postharvest Chitosan Treatments to Control Storage Grey Mold of Table Grapes. Journal of Food Science, 2002, 67, 1862-1867.	3.1	234
4	Fungal Planet description sheets: 320â€“370. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2015, 34, 167-266.	4.4	193
5	Activity of extracts from wild edible herbs against postharvest fungal diseases of fruit and vegetables. Postharvest Biology and Technology, 2011, 61, 72-82.	6.0	182
6	Effectiveness of Aureobasidium pullulans and Candida oleophila against postharvest strawberry rots. Postharvest Biology and Technology, 1997, 10, 169-178.	6.0	156
7	Control of postharvest rots of sweet cherries and table grapes with endophytic isolates of Aureobasidium pullulans. Postharvest Biology and Technology, 2003, 30, 209-220.	6.0	146
8	Use of UV-C light to reduce Botrytis storage rot of table grapes. Postharvest Biology and Technology, 1998, 13, 171-181.	6.0	138
9	Genetic diversity and biocontrol activity of Aureobasidium pullulans isolates against postharvest rots. Postharvest Biology and Technology, 1999, 17, 189-199.	6.0	113
10	Control of postharvest rots of sweet cherries by pre- and postharvest applications of Aureobasidium pullulans in combination with calcium chloride or sodium bicarbonate. Postharvest Biology and Technology, 2005, 36, 245-252.	6.0	105
11	Short hypobaric treatments potentiate the effect of chitosan in reducing storage decay of sweet cherries. Postharvest Biology and Technology, 2003, 29, 73-80.	6.0	104
12	Greenhouse and field studies on Cr, Cu, Pb and Zn phytoextraction by Brassica napus from contaminated soils in the Apulia region, Southern Italy. Geoderma, 2011, 160, 517-523.	5.1	99
13	Effect of short hypobaric treatments on postharvest rots of sweet cherries, strawberries and table grapes. Postharvest Biology and Technology, 2001, 22, 1-6.	6.0	97
14	Control of table grape storage rots by pre-harvest applications of salts. Postharvest Biology and Technology, 2006, 42, 142-149.	6.0	94
15	Long-Term Fungal Inhibitory Activity of Water-Soluble Extracts of Phaseolus vulgaris cv. Pinto and Sourdough Lactic Acid Bacteria during Bread Storage. Applied and Environmental Microbiology, 2008, 74, 7391-7398.	3.1	89
16	Identification and Detection of Rosellinia Necatrix by Conventional and Real-time Scorpion-PCR. European Journal of Plant Pathology, 2002, 108, 355-366.	1.7	84
17	Control of storage diseases of citrus by pre- and postharvest application of salts. Postharvest Biology and Technology, 2012, 72, 57-63.	6.0	78
18	Detection of Phytophthora nicotianae and P. citrophthora in Citrus Roots and Soils by Nested PCR. European Journal of Plant Pathology, 2002, 108, 855-868.	1.7	75

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19	Real-time detection of Phytophthora nicotianae and P. citrophthorain citrus roots and soil. European Journal of Plant Pathology, 2004, 110, 833-843.	1.7	71
20	Genetic Responses Induced in Olive Roots upon Colonization by the Biocontrol Endophytic Bacterium Pseudomonas fluorescens PICF7. PLoS ONE, 2012, 7, e48646.	2.5	60
21	The effect of compost and Bacillus licheniformis on the phytoextraction of Cr, Cu, Pb and Zn by three brassicaceae species from contaminated soils in the Apulia region, Southern Italy. Geoderma, 2012, 170, 322-330.	5.1	56
22	Effectiveness of a short hyperbaric treatment to control postharvest decay of sweet cherries and table grapes. Postharvest Biology and Technology, 2008, 49, 440-442.	6.0	54
23	Activity of salts incorporated in wax in controlling postharvest diseases of citrus fruit. Postharvest Biology and Technology, 2012, 65, 39-43.	6.0	49
24	Effect of quercetin and umbelliferone on the transcript level of Penicillium expansum genes involved in patulin biosynthesis. European Journal of Plant Pathology, 2009, 125, 223-233.	1.7	47
25	Gene silencing and gene expression in phytopathogenic fungi using a plant virus vector. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4291-4296.	7.1	46
26	Globally invading populations of the fungal plant pathogen <scp>V</scp>erticillium dahliae are dominated by multiple divergent lineages. Environmental Microbiology, 2015, 17, 2824-2840.	3.8	42
27	Heavy metals accumulation and distribution in durum wheat and barley grown in contaminated soils under Mediterranean field conditions. Journal of Plant Interactions, 2012, 7, 160-174.	2.1	36
28	Activity of calcium salts in controlling Phytophthora root rot of citrus. Crop Protection, 2002, 21, 751-756.	2.1	31
29	PROTEIN HYDROLYSATES AS RESISTANCE INDUCERS FOR CONTROLLING GREEN MOULD OF CITRUS FRUIT. Acta Horticulturae, 2015, , 1593-1598.	0.2	27
30	Suppressive biomasses and antagonist bacteria for an eco-compatible control of Verticillium dahliae on nursery-grown olive plants. International Journal of Environmental Science and Technology, 2013, 10, 209-220.	3.5	24
31	Infection of Colletotrichum acutatum and Phytophthora infestans by taxonomically different plant viruses. European Journal of Plant Pathology, 2019, 153, 1001-1017.	1.7	22
32	Response of Cybrids and a Somatic Hybrid of Lemon to Phoma tracheiphila Infections. Hortscience: A Publication of the American Society for Hortcultural Science, 2000, 35, 125-127.	1.0	22
33	Xylella fastidiosa invasion of new countries in Europe, the Middle East and North Africa: Ranking the potential exposure scenarios. NeoBiota, 0, 59, 77-97.	1.0	22
34	A geostatistical fusion approach using UAV data for probabilistic estimation of Xylella fastidiosa subsp. pauca infection in olive trees. Science of the Total Environment, 2021, 752, 141814.	8.0	21
35	Screening of Olive Biodiversity Defines Genotypes Potentially Resistant to Xylella fastidiosa. Frontiers in Plant Science, 2021, 12, 723879.	3.6	20
36	Identification of tomato miRNAs responsive to root colonization by endophytic Pochonia chlamydosporia. Applied Microbiology and Biotechnology, 2018, 102, 907-919.	3.6	19

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37	Semi-Automatic Method for Early Detection of Xylella fastidiosa in Olive Trees Using UAV Multispectral Imagery and Geostatistical-Discriminant Analysis. Remote Sensing, 2021, 13, 14.	4.0	19
38	First report of Penicillium ulaiense as a postharvest pathogen of orange fruit in Egypt. Plant Pathology, 2010, 59, 1174-1174.	2.4	17
39	Diversity of Colletotrichum Species Associated with Olive Anthracnose Worldwide. Journal of Fungi (Basel, Switzerland), 2021, 7, 741.	3.5	17
40	Soil culturable microorganisms as affected by different soil managements in a two year wheat-faba bean rotation. Applied Soil Ecology, 2020, 149, 103533.	4.3	17
41	Growth responses of crop and weed species to heavy metals in pot and field experiments. Environmental Science and Pollution Research, 2012, 19, 3636-3644.	5.3	16
42	MECHANISMS OF RESISTANCE TO BOTRYTIS CINEREA IN WOUNDS OF CURED KIWIFRUITS. Acta Horticulturae, 1997, , 719-724.	0.2	14
43	Natural antimicrobials in postharvest storage of fresh fruits and vegetables. , 2003, , 201-234.		14
44	Time-dependent effects of Pochonia chlamydosporia endophytism on gene expression profiles of colonized tomato roots. Applied Microbiology and Biotechnology, 2019, 103, 8511-8527.	3.6	14
45	Landscape restoration due to Xylella fastidiosa invasion in Italy: Assessing the hypothetical publicâ€™s preferences. NeoBiota, 0, 66, 31-54.	1.0	13
46	Long-Distance Spread of Verticillium dahliae Through Rivers and Irrigation Systems. Plant Disease, 2018, 102, 1559-1565.	1.4	12
47	A non-targeted metabolomics study on Xylella fastidiosa infected olive plants grown under controlled conditions. Scientific Reports, 2021, 11, 1070.	3.3	12
48	Assessment of the Hyperspectral Data Analysis as a Tool to Diagnose Xylella fastidiosa in the Asymptomatic Leaves of Olive Plants. Plants, 2021, 10, 683.	3.5	11
49	Molecular characterisation of a novel gemycircularvirus associated with olive trees in Italy. Virus Research, 2019, 263, 169-172.	2.2	10
50	ï»¿The potential direct economic impact and private management costs of an invasive alien species: Xylella fastidiosa on Lebanese wine grapes. NeoBiota, 0, 70, 43-67.	1.0	10
51	Biological control of olive anthracnose. Acta Horticulturae, 2018, , 439-444.	0.2	9
52	CERCOSPORIOSIS OF OLIVE IN APULIA AND ATTEMPTS TO CONTROL THE DISEASE. Acta Horticulturae, 2002, , 773-776.	0.2	7
53	Integrated Management of Rosellinia nEcatrix Root Rot on Fruit Tree Crops. , 2008, , 137-158.		7
54	SUPPRESSIVE EFFECT OF CURED COMPOST FROM OLIVE OIL BY-PRODUCTS TOWARDS VERTICILLIUM DAHLIAE AND OTHER FUNGAL PATHOGENS. Acta Horticulturae, 2008, , 585-591.	0.2	7

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55	Xylella fastidiosa Does Not Occur in Lebanon. Journal of Phytopathology, 2016, 164, 395-403.	1.0	7
56	Identification of Arthrinium marii as Causal Agent of Olive Tree Dieback in Apulia (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	7
57	First Report of Colletotrichum nymphaeae on Olive in Italy. Plant Disease, 2019, 103, 765-765.	1.4	7
58	First Report of Dactylonectria torresensis Causing Foot and Root Rot of Olive Trees. Plant Disease, 2019, 103, 768-768.	1.4	6
59	Genetic Diversity of Verticillium dahliae Populations From Olive and Potato in Lebanon. Plant Disease, 2019, 103, 656-667.	1.4	6
60	First Report of â€˜Candidatus Phytoplasma phoeniciumâ€™ on Almond in Southern Italy. Plant Disease, 2020, 104, 278-278.	1.4	6
61	Synergistic effect of organic and inorganic fertilization on the soil inoculum density of the soilborne pathogens Verticillium dahliae and Phytophthora spp. under open-field conditions. Chemical and Biological Technologies in Agriculture, 2021, 8, .	4.6	6
62	BIOCONTROL ACTIVITY OF BIO-COAT AND BIOCURE AGAINST POSTHARVEST ROTS OF TABLE GRAPES AND SWEET CHERRIES. Acta Horticulturae, 2005, , 2115-2120.	0.2	5
63	SEARCHING FOR CITRUS ROOTSTOCKS RESISTANT TO MAL SECCO DISEASE: A REVIEW. Acta Horticulturae, 2015, , 987-991.	0.2	5
64	UV-C light to reduce decay and improve quality of stored fruit and vegetables: a short review. Acta Horticulturae, 2016, , 293-298.	0.2	5
65	First Report of Crown Rot Caused by Cylindrocladium pauciramosum on Scarlet Honey Myrtle in Italy. Plant Disease, 2009, 93, 1217-1217.	1.4	5
66	OCCURRENCE OF NEW ROTS OF OLIVE DRUPES IN APULIA. Acta Horticulturae, 2002, , 777-780.	0.2	5
67	Natural antimicrobials for preserving fresh fruit and vegetables. , 2005, , 513-555.		4
68	Integrated control of aerial fungal diseases of olive. Acta Horticulturae, 2018, , 327-332.	0.2	4
69	First Report of Leaf Spot Caused by Cylindrocladium pauciramosum on Dwarf Willow Myrtle in Italy. Plant Disease, 2010, 94, 274-274.	1.4	4
70	BIOCHEMICAL AND TRANSCRIPTOMIC CHANGES ASSOCIATED WITH INDUCED RESISTANCE IN CITRUS FRUITS TREATED WITH SODIUM SALTS. Acta Horticulturae, 2015, , 1627-1632.	0.2	3
71	Soil inoculum density of Verticillium dahliae and Verticillium wilt of olive in Lebanon. Annals of Applied Biology, 2017, 170, 150-159.	2.5	3
72	First Record of Verticillium dahliae on Potato in Malta. Plant Disease, 2006, 90, 1108-1108.	1.4	2

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73	Biological Approaches Promise Innovative and Sustainable Management of Powdery Mildew in Lebanese Squash. Sustainability, 2022, 14, 2811.	3.2	2
74	SHRIVELLING OF OLIVE FRUITS ASSOCIATED WITH WATER STRESS. Acta Horticulturae, 2002, , 745-747.	0.2	1
75	CHARACTERIZATION OF DIFFERENTIALLY EXPRESSED TRANSCRIPTS IN QUERCETIN-TREATED APPLES BY SUPPRESSION SUBTRACTIVE HYBRIDIZATION. Acta Horticulturae, 2010, , 1691-1695.	0.2	1
76	INTEGRATED CONTROL OF SWEET CHERRY POSTHARVEST ROTS BY AUREOBASIDIUM PULLULANS IN COMBINATION WITH CALCIUM CHLORIDE OR SODIUM BICARBONATE. Acta Horticulturae, 2005, , 1985-1990.	0.2	1
77	Nitric oxide test during cardiac catheterization decreases the serum concentrations of S100B protein in adult patients with idiopathic pulmonary hypertension. Scandinavian Journal of Clinical and Laboratory Investigation, 2007, 67, 668-672.	1.2	0