Leonardo Schena

List of Publications by Year
in descending order

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93 papers	5,254 citations	87843 38 h-index	91828 69 g-index
96 all docs	96 docs citations	96 times ranked	4782 citing authors

#	Article	IF	Citations
1	The Top 10 oomycete pathogens in molecular plant pathology. Molecular Plant Pathology, 2015, 16, 413-434.	2.0	695
2	Real-time quantitative PCR: a new technology to detect and study phytopathogenic and antagonistic fungi. European Journal of Plant Pathology, 2004, 110, 893-908.	0.8	278
3	Alternative management technologies for postharvest disease control: The journey from simplicity to complexity. Postharvest Biology and Technology, 2016, 122, 3-10.	2.9	234
4	Apple endophytic microbiota of different rootstock/scion combinations suggests a genotype-specific influence. Microbiome, 2018, 6, 18.	4.9	155
5	Control of postharvest rots of sweet cherries and table grapes with endophytic isolates of Aureobasidium pullulans. Postharvest Biology and Technology, 2003, 30, 209-220.	2.9	146
6	Detection and quantification ofPhytophthora ramorum,P.Âkernoviae,P.ÂcitricolaandP.Âquercinain symptomatic leaves by multiplex real-time PCR. Molecular Plant Pathology, 2006, 7, 365-379.	2.0	140
7	Spatial and compositional variation in the fungal communities of organic and conventionally grown apple fruit at the consumer point-of-purchase. Horticulture Research, 2016, 3, 16047.	2.9	138
8	Fungal Planet description sheets: 558â€“624. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 38, 240-384.	1.6	126
9	Metabarcoding Analysis of Fungal Diversity in the Phyllosphere and Carposphere of Olive (Olea) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	123
10	Metabarcoding: A powerful tool to investigate microbial communities and shape future plant protection strategies. Biological Control, 2018, 120, 1-10.	1.4	115
11	Genetic diversity and biocontrol activity of Aureobasidium pullulans isolates against postharvest rots. Postharvest Biology and Technology, 1999, 17, 189-199.	2.9	113
12	Experimental evidence of microbial inheritance in plants and transmission routes from seed to phyllosphere and root. Environmental Microbiology, 2021, 23, 2199-2214.	1.8	106
13	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.	2.9	105
14	Control of postharvest fungal rots on citrus fruit and sweet cherries using a pomegranate peel extract. Postharvest Biology and Technology, 2016, 114, 54-61.	2.9	103
15	Biological control of Botrytis, Aspergillus and Rhizopus rots on table and wine grapes in Israel. Postharvest Biology and Technology, 2000, 20, 115-124.	2.9	98
16	Assessing the potential of regions of the nuclear and mitochondrial genome to develop a â€œmolecular tool boxâ€•for the detection and characterization of Phytophthora species. Journal of Microbiological Methods, 2006, 67, 70-85.	0.7	94
17	Control of table grape storage rots by pre-harvest applications of salts. Postharvest Biology and Technology, 2006, 42, 142-149.	2.9	94
18	Species of the Colletotrichum gloeosporioides and C.Âboninense complexes associated with olive anthracnose. Plant Pathology, 2014, 63, 437-446.	1.2	85

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19	Identification and Detection of Rosellinia Necatrix by Conventional and Real-time Scorpion-PCR. European Journal of Plant Pathology, 2002, 108, 355-366.	0.8	84
20	Use of Quantitative <scp>PCR</scp> Detection Methods to Study Biocontrol Agents and Phytopathogenic Fungi and Oomycetes in Environmental Samples. Journal of Phytopathology, 2014, 162, 1-13.	0.5	84
21	Control of Penicillium expansum and patulin accumulation on apples by quercetin and umbelliferone. European Food Research and Technology, 2009, 228, 381-389.	1.6	78
22	Metagenomic Analysis of Fungal Diversity on Strawberry Plants and the Effect of Management Practices on the Fungal Community Structure of Aerial Organs. PLoS ONE, 2016, 11, e0160470.	1.1	76
23	Molecular Detection of Strain L47 of Aureobasidium pullulans, a Biocontrol Agent of Postharvest Diseases. Plant Disease, 2002, 86, 54-60.	0.7	75
24	Detection of Phytophthora nicotianae and P. citrophthora in Citrus Roots and Soils by Nested PCR. European Journal of Plant Pathology, 2002, 108, 855-868.	0.8	75
25	A molecular method to assess Phytophthora diversity in environmental samples. Journal of Microbiological Methods, 2012, 88, 356-368.	0.7	73
26	Early detection of Botrytis cinerea latent infections as a tool to improve postharvest quality of table grapes. Postharvest Biology and Technology, 2012, 68, 64-71.	2.9	72
27	Real-time detection of Phytophthora nicotianae and P. citrophthorain citrus roots and soil. European Journal of Plant Pathology, 2004, 110, 833-843.	0.8	71
28	Multiple new cryptic pathogenic Phytophthora species from Fagaceae forests in Austria, Italy and Portugal. IMA Fungus, 2017, 8, 219-244.	1.7	65
29	Characterization of genes associated with induced resistance against Penicillium expansum in apple fruit treated with quercetin. Postharvest Biology and Technology, 2010, 56, 1-11.	2.9	61
30	Chemical Characterization of Different Sumac and Pomegranate Extracts Effective against Botrytis cinerea Rots. Molecules, 2015, 20, 11941-11958.	1.7	59
31	Molecular analysis of Phytophthora diversity in nurseryâ€grown ornamental and fruit plants. Plant Pathology, 2015, 64, 1308-1319.	1.2	56
32	Genetic Analysis of Phytophthora nicotianae Populations from Different Hosts Using Microsatellite Markers. Phytopathology, 2016, 106, 1006-1014.	1.1	55
33	Metagenomics Approaches for the Detection and Surveillance of Emerging and Recurrent Plant Pathogens. Microorganisms, 2021, 9, 188.	1.6	55
34	Metabarcoding Analysis of Phytophthora Diversity Using Genus-Specific Primers and 454 Pyrosequencing. Phytopathology, 2016, 106, 305-313.	1.1	51
35	Development and application of a PCRâ€based â€˜molecular tool boxâ€™ for the identification of Phytophthora species damaging forests and natural ecosystems. Plant Pathology, 2008, 57, 64-75.	1.2	49
36	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.	0.8	47

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37	Fungal communities associated with bark and ambrosia beetles trapped at international harbours. Fungal Ecology, 2017, 28, 44-52.	0.7	44
38	Molecular Analysis of Colletotrichum Species in the Carposphere and Phyllosphere of Olive. PLoS ONE, 2014, 9, e114031.	1.1	42
39	Effectiveness of Phenolic Compounds against Citrus Green Mould. Molecules, 2014, 19, 12500-12508.	1.7	42
40	Evaluation of a Pomegranate Peel Extract as an Alternative Means to Control Olive Anthracnose. Phytopathology, 2017, 107, 1462-1467.	1.1	41
41	Two previously unknown Phytophthora species associated with brown rot of Pomelo (Citrus grandis) fruits in Vietnam. PLoS ONE, 2017, 12, e0172085.	1.1	41
42	Quantitative detection of Colletotrichum godetiae and C. acutatum sensu stricto in the phyllosphere and carposphere of olive during four phenological phases. European Journal of Plant Pathology, 2017, 149, 337-347.	0.8	40
43	Characterization of Citrus-Associated Alternaria Species in Mediterranean Areas. PLoS ONE, 2016, 11, e0163255.	1.1	39
44	A Metabarcoding Survey on the Fungal Microbiota Associated to the Olive Fruit Fly. Microbial Ecology, 2017, 73, 677-684.	1.4	38
45	Molecular Approaches to Assist the Screening and Monitoring of Postharvest Biocontrol Yeasts. European Journal of Plant Pathology, 2000, 106, 681-691.	0.8	37
46	Diversity and Distribution of Phytophthora Species in Protected Natural Areas in Sicily. Forests, 2019, 10, 259.	0.9	37
47	Revealing Cues for Fungal Interplay in the Plantâ€“Air Interface in Vineyards. Frontiers in Plant Science, 2019, 10, 922.	1.7	36
48	Analyses of the Population Structure in a Global Collection of Phytophthora nicotianae Isolates Inferred from Mitochondrial and Nuclear DNA Sequences. Phytopathology, 2013, 103, 610-622.	1.1	35
49	Dieback of Pinus nigra Seedlings Caused by a Strain of Trichoderma viride. Plant Disease, 2015, 99, 44-49.	0.7	35
50	Elicitation of resistance responses in grapefruit and lemon fruits treated with a pomegranate peel extract. Plant Pathology, 2017, 66, 633-640.	1.2	31
51	Genetic characterization of Phytophthora nicotianae by the analysis of polymorphic regions of the mitochondrial DNA. Fungal Biology, 2011, 115, 432-442.	1.1	30
52	Nothophytophthora gen. nov., a new sister genus of Phytophthora from natural and semi-natural ecosystems. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2017, 39, 143-174.	1.6	30
53	Use of genome sequence data in the design and testing of SSR markers for Phytophthora species. BMC Genomics, 2008, 9, 620.	1.2	29
54	Analysis of the Fungal Diversity in Citrus Leaves with Greasy Spot Disease Symptoms. Microbial Ecology, 2017, 73, 739-749.	1.4	28

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55	Selection and Experimental Evaluation of Universal Primers to Study the Fungal Microbiome of Higher Plants. Phytobiomes Journal, 2018, 2, 225-236.	1.4	28
56	Phytophthora oleae sp. nov. causing fruit rot of olive in southern Italy. Plant Pathology, 2018, 67, 1362-1373.	1.2	26
57	Characterization of Phytophthora infestans populations in northwestern Algeria during 2008â€“2014. Fungal Biology, 2017, 121, 467-477.	1.1	25
58	Diversity of Phytophthora species in Valdivian rainforests and association with severe dieback symptoms. Forest Pathology, 2018, 48, e12443.	0.5	22
59	Pomegranate Peel Extracts as Safe Natural Treatments to Control Plant Diseases and Increase the Shelf-Life and Safety of Fresh Fruits and Vegetables. Plants, 2021, 10, 453.	1.6	22
60	Molecular analysis of the fungal microbiome associated with the olive fruit fly Bactrocera oleae. Fungal Ecology, 2015, 18, 67-74.	0.7	20
61	Comparison of conventional and molecular methods for the detection of Rosellinia necatrix in avocado orchards in southern Spain. Plant Pathology, 2007, 56, 251-256.	1.2	19
62	Real-time Scorpion-PCR detection and quantification of Erwinia amylovora on pear leaves and flowers. European Journal of Plant Pathology, 2007, 118, 11-22.	0.8	19
63	Transcriptomic Analysis of Orange Fruit Treated with Pomegranate Peel Extract (PGE). Plants, 2019, 8, 101.	1.6	19
64	Characterization of Colletotrichum ocimi Population Associated with Black Spot of Sweet Basil (Ocimum basilicum) in Northern Italy. Plants, 2020, 9, 654.	1.6	18
65	Pre- and postharvest application of alternative means to control Alternaria Brown spot of citrus. Crop Protection, 2019, 121, 73-79.	1.0	16
66	Plant Genotype Shapes the Bacterial Microbiome of Fruits, Leaves, and Soil in Olive Plants. Plants, 2022, 11, 613.	1.6	16
67	Phytophthora Ã— pelgrandis Causes Root and Collar Rot of Lavandula stoechas in Italy. Plant Disease, 2013, 97, 1091-1096.	0.7	15
68	Effectiveness of a pomegranate peel extract (PGE) in reducing Listeria monocytogenes in vitro and on fresh-cut pear, apple and melon. European Food Research and Technology, 2020, 246, 1765-1772.	1.6	15
69	Soil Microbial Diversity Impacts Plant Microbiota More than Herbivory. Phytobiomes Journal, 2021, 5, 408-417.	1.4	15
70	Identification and validation of polymorphic microsatellite loci for the analysis of Phytophthora nicotianae populations. Journal of Microbiological Methods, 2015, 110, 61-67.	0.7	14
71	Preharvest and Postharvest Applications of a Pomegranate Peel Extract to Control Citrus Fruit Decay During Storage and Shelf Life. Plant Disease, 2021, 105, 1013-1018.	0.7	14
72	Characterization of Basidiomycetes Associated with Wood Rot of Citrus in Southern Italy. Phytopathology, 2014, 104, 851-858.	1.1	13

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73	Exploring microbiomes for plant disease management. Biological Control, 2022, 169, 104890.	1.4	10
74	Impact of Bactrocera oleae on the fungal microbiota of ripe olive drupes. PLoS ONE, 2018, 13, e0199403.	1.1	9
75	Integrated Management of Rosellinia nEcatrix Root Rot on Fruit Tree Crops. , 2008, , 137-158.		7
76	Development and Application of a Quantitative PCR Detection Method to Quantify Venturia oleaginea in Asymptomatic Olive (Olea europaea) Leaves. Phytopathology, 2020, 110, 547-555.	1.1	6
77	The Fungal Microbiome of Wheat Flour Includes Potential Mycotoxin Producers. Foods, 2022, 11, 676.	1.9	6
78	BIOCONTROL ACTIVITY OF BIO-COAT AND BIOCURE AGAINST POSTHARVEST ROTS OF TABLE GRAPES AND SWEET CHERRIES. Acta Horticulturae, 2005, , 2115-2120.	0.1	5
79	Viroid, phytoplasma, and fungal diseases of stone fruit in eastern Anatolia, Turkey. New Zealand Journal of Crop and Horticultural Science, 2006, 34, 1-6.	0.7	5
80	Real-time PCR identification and detection of Fuscoporia torulosa in Quercus ilex. Plant Pathology, 2007, 57, 070924013950002-???.	1.2	5
81	First Report of Neofusicoccum batangarum as Causal Agent of Scabby Cankers of Cactus Pear (Opuntia) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	5
82	Response of Tomato Rhizosphere Bacteria to Root-Knot Nematodes, Fenamiphos and Sampling Time Shows Differential Effects on Low Level Taxa. Frontiers in Microbiology, 2020, 11, 390.	1.5	5
83	Fomitopsis sp. causing brown rot in wood of living citrus trees reported for first time in southern Italy. New Disease Reports, 2010, 22, 13-13.	0.4	5
84	Identification of Phytophthora species by a high resolution melting analysis: an innovative tool for rapid differentiation. Plant Protection Science, 2016, 52, 176-181.	0.7	4
85	Postharvest fungal diseases of cactus pear fruit in southern Italy. Acta Horticulturae, 2016, , 215-218.	0.1	4
86	Control of olive anthracnose and leaf spot disease by bloom treatments with a pomegranate peel extract. Journal of the Saudi Society of Agricultural Sciences, 2022, 21, 248-254.	1.0	4
87	Extracts from Environmental Strains of Pseudomonas spp. Effectively Control Fungal Plant Diseases. Plants, 2022, 11, 436.	1.6	4
88	First report of collar and root rot caused by Phytophthora nicotianae on Lycium barbarum. Journal of Plant Pathology, 2018, 100, 361-361.	0.6	3
89	First Report of Sclerotinia sclerotiorum Associated With Olive Fruit Rot in Italy. Plant Disease, 2017, 101, 1040-1040.	0.7	3
90	Specific identification of Aureobasidium pullulans strain L47 using Scorpion PCR. EPPO Bulletin, 2000, 30, 559-562.	0.6	2

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91	Selection of yeasts for their antiâ€mold activity and prospective use in table olive fermentation. Journal of Food Processing and Preservation, 2019, 43, e14259.	0.9	2
92	CHARACTERIZATION OF DIFFERENTIALLY EXPRESSED TRANSCRIPTS IN QUERCETIN-TREATED APPLES BY SUPPRESSION SUBTRACTIVE HYBRIDIZATION. Acta Horticulturae, 2010, , 1691-1695.	0.1	1
93	INTEGRATED CONTROL OF SWEET CHERRY POSTHARVEST ROTS BY AUREOBASIDIUM PULLULANS IN COMBINATION WITH CALCIUM CHLORIDE OR SODIUM BICARBONATE. Acta Horticulturae, 2005, , 1985-1990.	0.1	1