Lorenzo Covarelli

List of Publications by Year
in descending order

32 papers	1,396 citations	566801 15 h-index	433756 31 g-index
33 all docs	33 docs citations	33 times ranked	1973 citing authors

#	Article	IF	Citations
1	Management of Pyrenophora teres f. teres, the Causal Agent of Net Form Net Blotch of Barley, in A Two-Year Field Experiment in Central Italy. Pathogens, 2022, 11, 291.	1.2	6
2	A Two-Year Field Experiment for the Integrated Management of Bread and Durum Wheat Fungal Diseases and of Deoxynivalenol Accumulation in the Grain in Central Italy. Agronomy, 2022, 12, 840.	1.3	3
3	Detection of <i>Ramularia colloâ€cygni</i> from barley in Australia using triplex quantitative and droplet digital <scp>PCR</scp>. Pest Management Science, 2022, 78, 1367-1376.	1.7	1
4	Infection timing affects <i>Fusarium poae</i> colonization of bread wheat spikes and mycotoxin accumulation in the grain. Journal of the Science of Food and Agriculture, 2022, 102, 6358-6372.	1.7	2
5	Identification of Putative Virulence Genes by DNA Methylation Studies in the Cereal Pathogen Fusarium graminearum. Cells, 2021, 10, 1192.	1.8	4
6	In Vitro Evaluation of the Inhibitory Activity of Different Selenium Chemical Forms on the Growth of a Fusarium proliferatum Strain Isolated from Rice Seedlings. Plants, 2021, 10, 1725.	1.6	6
7	Phytopathological Threats Associated with Quinoa (Chenopodium quinoa Willd.) Cultivation and Seed Production in an Area of Central Italy. Plants, 2021, 10, 1933.	1.6	8
8	Enniatin B and Deoxynivalenol Activity on Bread Wheat and on Fusarium Species Development. Toxins, 2021, 13, 728.	1.5	9
9	Fungicides may have differential efficacies towards the main causal agents of Fusarium head blight of wheat. Pest Management Science, 2020, 76, 3738-3748.	1.7	31
10	Aspergillus, Penicillium and Cladosporium species associated with dried date fruits collected in the Perugia (Umbria, Central Italy) market. International Journal of Food Microbiology, 2020, 322, 108585.	2.1	15
11	Cultivation Area Affects the Presence of Fungal Communities and Secondary Metabolites in Italian Durum Wheat Grains. Toxins, 2020, 12, 97.	1.5	19
12	In Vitro Fumonisin Biosynthesis and Genetic Structure of Fusarium verticillioides Strains from Five Mediterranean Countries. Microorganisms, 2020, 8, 241.	1.6	2
13	Regulation of a novel Fusarium cytokinin in Fusarium pseudograminearum. Fungal Biology, 2019, 123, 255-266.	1.1	9
14	Effect of wheat infection timing on Fusarium head blight causal agents and secondary metabolites in grain. International Journal of Food Microbiology, 2019, 290, 214-225.	2.1	35
15	Fungal community, Fusarium head blight complex and secondary metabolites associated with malting barley grains harvested in Umbria, central Italy. International Journal of Food Microbiology, 2018, 273, 33-42.	2.1	33
16	The cereal pathogen <i>Fusarium pseudograminearum</i> produces a new class of active cytokinins during infection. Molecular Plant Pathology, 2018, 19, 1140-1154.	2.0	37
17	Comparative studies about fungal colonization and deoxynivalenol translocation in barley plants inoculated at the base with Fusarium graminearum, Fusarium culmorum and Fusarium pseudograminearum. Agricultural and Food Science, 2018, 27, .	0.3	5
18	The Fusarium crown rot pathogen<i>Fusarium pseudograminearum</i>triggers a suite of transcriptional and metabolic changes in bread wheat (<i>Triticum aestivum</i>L.). Annals of Botany, 2017, 119, mcw207.	1.4	52

#	ARTICLE	IF	CITATIONS
19	Changes in the Fusarium Head Blight Complex of Malting Barley in a Three-Year Field Experiment in Italy. Toxins, 2017, 9, 120.	1.5	35
20	Presence of <i>Fusarium</i> Species and Other Toxigenic Fungi in Malting Barley and Multi-Mycotoxin Analysis by Liquid Chromatographyâ€“High-Resolution Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2016, 64, 4390-4399.	2.4	54
21	E<scp>ffector</scp>P: predicting fungal effector proteins from secretomes using machine learning. New Phytologist, 2016, 210, 743-761.	3.5	438
22	Simultaneous analysis of twenty-six mycotoxins in durum wheat grain from Italy. Food Control, 2016, 62, 322-329.	2.8	88
23	Risks Related to the Presence of Fungal Species and Mycotoxins in Grapes, Wines and Other Derived Products in the Mediterranean Area. , 2015, , 563-575.		1
24	<i>Fusarium</i> species, chemotype characterisation and trichothecene contamination of durum and soft wheat in an area of central Italy. Journal of the Science of Food and Agriculture, 2015, 95, 540-551.	1.7	122
25	Identification of the Biosynthetic Gene Clusters for the Lipopeptides Fusaristatin A and W493 B in <i>Fusarium graminearum</i> and <i>F. pseudograminearum</i>. Journal of Natural Products, 2014, 77, 2619-2625.	1.5	55
26	Three-year investigations on leaf rust of poplar cultivated for biomass production in Umbria, Central Italy. Biomass and Bioenergy, 2013, 49, 315-322.	2.9	15
27	Genome Sequences of Pseudomonas spp. Isolated from Cereal Crops. Genome Announcements, 2013, 1, .	0.8	12
28	Fusarium Virulence Assay on Wheat and Barley Seedlings. Bio-protocol, 2013, 3, .	0.2	8
29	Miscanthus rhizome rot: A potential threat for the establishment and the development of biomass cultivations. Biomass and Bioenergy, 2012, 46, 263-269.	2.9	10
30	Comparative Pathogenomics Reveals Horizontally Acquired Novel Virulence Genes in Fungi Infecting Cereal Hosts. PLoS Pathogens, 2012, 8, e1002952.	2.1	176
31	Characterization of Fusarium verticillioides strains isolated from maize in Italy: Fumonisin production, pathogenicity and genetic variability. Food Microbiology, 2012, 31, 17-24.	2.1	57
32	Infection by mycotoxigenic fungal species and mycotoxin contamination of maize grain in Umbria, central Italy. Food and Chemical Toxicology, 2011, 49, 2365-2369.	1.8	48