Maria del Mar Jimenez-Gasco

List of Publications by Year
in descending order

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57 papers	3,998 citations	136950 32 h-index	149698 56 g-index
58 all docs	58 docs citations	58 times ranked	4715 citing authors

#	Article	IF	Citations
1	Editorial: Necrotrophic Fungal Plant Pathogens. Frontiers in Plant Science, 2022, 13, 839674.	3.6	2
2	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic<i>Fusarium</i>that Includes the<i>Fusarium solani</i>Species Complex. Phytopathology, 2021, 111, 1064-1079.	2.2	107
3	Genetic Differentiation of <i>Verticillium dahliae</i> Populations Recovered from Symptomatic and Asymptomatic Hosts. Phytopathology, 2021, 111, 149-159.	2.2	9
4	A multi-omics approach to solving problems in plant disease ecology. PLoS ONE, 2020, 15, e0237975.	2.5	53
5	Genetic Diversity of Fusarium oxysporum f. sp. cubense, the Fusarium Wilt Pathogen of Banana, in Ecuador. Plants, 2020, 9, 1133.	3.5	12
6	Systemic Colonization by Metarhizium robertsii Enhances Cover Crop Growth. Journal of Fungi (Basel, Switzerland), 2020, 6, 64.	3.5	17
7	Endophytic Metarhizium robertsii promotes maize growth, suppresses insect growth, and alters plant defense gene expression. Biological Control, 2020, 144, 104167.	3.0	64
8	The Role of Endophytic Insect-Pathogenic Fungi in Biotic Stress Management. , 2020, , 379-400.		2
9	Effects of isolates of Clarireedia jacksonii and Clarireedia monteithiana on severity of dollar spot in turfgrasses by host type. European Journal of Plant Pathology, 2019, 155, 817-829.	1.7	11
10	Comparative analysis uncovers the limitations of current molecular detection methods for Fusarium oxysporum f. sp. cubense race 4 strains. PLoS ONE, 2019, 14, e0222727.	2.5	34
11	Manipulating Wild and Tamed Phytobiomes: Challenges and Opportunities. Phytobiomes Journal, 2019, 3, 3-21.	2.7	38
12	Population Genetics of <i>Verticillium dahliae</i> in Iran Based on Microsatellite and Single Nucleotide Polymorphism Markers. Phytopathology, 2018, 108, 780-788.	2.2	9
13	Genetic diversity of appleâ€•and crabappleâ€infecting isolates of <i>Venturia inaequalis</i> in Pennsylvania, the United States, determined by microsatellite markers. Forest Pathology, 2018, 48, e12405.	1.1	10
14	Comparison of genotyping by sequencing and microsatellite markers for unravelling population structure in the clonal fungus <i>Verticillium dahliae</i>. Plant Pathology, 2018, 67, 76-86.	2.4	14
15	Variation of pathotypes and races and their correlations with clonal lineages in <i>Verticillium dahliae</i>. Plant Pathology, 2017, 66, 651-666.	2.4	51
16	Clonal Expansion and Migration of a Highly Virulent, Defoliating Lineage of <i>Verticillium dahliae</i>. Phytopathology, 2016, 106, 1038-1046.	2.2	34
17	Evolution of Nine Microsatellite Loci in the Fungus Fusarium oxysporum. Journal of Molecular Evolution, 2016, 82, 27-37.	1.8	3
18	Fusarium wilt of chickpeas: Biology, ecology and management. Crop Protection, 2015, 73, 16-27.	2.1	114

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19	Mating type and spore killing characterization of Fusarium verticillioides strains. Mycological Progress, 2015, 14, 1.	1.4	2
20	Highly Diverse Endophytic and Soil Fusarium oxysporum Populations Associated with Field-Grown Tomato Plants. Applied and Environmental Microbiology, 2015, 81, 81-90.	3.1	64
21	Molecular Detection of <i>Peronospora variabilis</i> in Quinoa Seed and Phylogeny of the Quinoa Downy Mildew Pathogen in South America and the United States. Phytopathology, 2014, 104, 379-386.	2.2	35
22	Fusarium oxysporum. , 2014, , 99-119.		9
23	Striking genetic similarity between races of Fusarium oxysporum f. sp. ciceris confirms a monophyletic origin and clonal evolution of the chickpea vascular wilt pathogen. European Journal of Plant Pathology, 2014, 139, 309-324.	1.7	26
24	Complex Molecular Relationship Between Vegetative Compatibility Groups (VCGs) in <i>Verticillium dahliae</i>: VCGs Do Not Always Align with Clonal Lineages. Phytopathology, 2014, 104, 650-659.	2.2	28
25	Recombination between Clonal Lineages of the Asexual Fungus Verticillium dahliae Detected by Genotyping by Sequencing. PLoS ONE, 2014, 9, e106740.	2.5	95
26	One Fungus, One Name: Defining the Genus <i>Fusarium</i> in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	2.2	219
27	Hidden Host Plant Associations of Soilborne Fungal Pathogens: An Ecological Perspective. Phytopathology, 2013, 103, 538-544.	2.2	132
28	Sudden Vegetation Dieback in Atlantic and Gulf Coast Salt Marshes. Plant Disease, 2013, 97, 436-445.	1.4	40
29	Sequence Variation in Two Protein-Coding Genes Correlates with Mycelial Compatibility Groupings in <i>Sclerotium rolfsii</i>. Phytopathology, 2013, 103, 479-487.	2.2	8
30	Phylogenetic Analysis of Fusarium solani Associated with the Asian Longhorned Beetle, Anoplophora glabripennis. Insects, 2012, 3, 141-160.	2.2	20
31	Transposable elements in phytopathogenic Verticillium spp.: insights into genome evolution and inter- and intra-specific diversification. BMC Genomics, 2012, 13, 314.	2.8	62
32	Verticillium Wilt, A Major Threat to Olive Production: Current Status and Future Prospects for its Management. Plant Disease, 2012, 96, 304-329.	1.4	177
33	Region-Wide Analysis of Genetic Diversity in <i>Verticillium dahliae</i> Populations Infecting Olive in Southern Spain and Agricultural Factors Influencing the Distribution and Prevalence of Vegetative Compatibility Groups and Pathotypes. Phytopathology, 2011, 101, 304-315.	2.2	76
34	Development and application of new molecular markers for analysis of genetic diversity in <i>Verticillium dahliae</i> populations. Plant Pathology, 2011, 60, 866-877.	2.4	16
35	EVA-layered double hydroxide (nano)composites: Mechanism of fire retardancy. Polymer Degradation and Stability, 2011, 96, 301-313.	5.8	33
36	Sublethal Doses of Mefenoxam Enhance Pythium Damping-off of Geranium. Plant Disease, 2011, 95, 1233-1238.	1.4	42

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37	Genetic Diversity and Host Range of<i>Verticillium dahliae</i>Isolates from Artichoke and Other Vegetable Crops in Spain. Plant Disease, 2010, 94, 396-404.	1.4	29
38	Verticillium Wilt: A Threat to Artichoke Production. Plant Disease, 2010, 94, 1176-1187.	1.4	26
39	Pleurotus eryngii species complex: Sequence analysis and phylogeny based on partial EF1Î± and RPB2 genes. Fungal Biology, 2010, 114, 421-428.	2.5	37
40	Polyethylene Nanocomposite Heatâ€Sealants with a Versatile Peelable Character. Macromolecular Rapid Communications, 2009, 30, 17-23.	3.9	15
41	Enhancement of the antioxidants ergothioneine and selenium in Pleurotus eryngii var. eryngii basidiomata through cultural practices. World Journal of Microbiology and Biotechnology, 2009, 25, 1597-1607.	3.6	37
42	Microbial Community Profiling to Investigate Transmission of Bacteria Between Life Stages of the Wood-Boring Beetle, Anoplophora glabripennis. Microbial Ecology, 2009, 58, 199-211.	2.8	42
43	Improvement of yield of Pleurotus eryngii var. eryngii by substrate supplementation and use of a casing overlay. Bioresource Technology, 2009, 100, 5270-5276.	9.6	50
44	Polymer nanocomposites using zinc aluminum and magnesium aluminum oleate layered double hydroxides: Effects of the polymeric compatibilizer and of composition on the thermal and fire properties of PP/LDH nanocomposites. Polymer Degradation and Stability, 2009, 94, 2042-2054.	5.8	43
45	Material properties of nanoclay PVC composites. Polymer, 2009, 50, 1857-1867.	3.8	140
46	Polymer nanocomposites using zinc aluminum and magnesium aluminum oleate layered double hydroxides: Effects of LDH divalent metals on dispersion, thermal, mechanical and fire performance in various polymers. Polymer, 2009, 50, 3564-3574.	3.8	130
47	Effect of Host Tree Species on Cellulase Activity and Bacterial Community Composition in the Gut of Larval Asian Longhorned Beetle. Environmental Entomology, 2009, 38, 686-699.	1.4	64
48	Tailored Polyethylene Nanocomposite Sealants: Broad-Range Peelable Heat-Seals Through Designed Filler/Polymer Interfaces. Journal of Adhesion Science and Technology, 2009, 23, 709-737.	2.6	18
49	Effect of MgAl-layered double hydroxide exchanged with linear alkyl carboxylates on fire-retardancy of PMMA and PS. Journal of Materials Chemistry, 2008, 18, 4827.	6.7	204
50	Lignin degradation in wood-feeding insects. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12932-12937.	7.1	279
51	First Report of Fusarium Wilt of Coreopsis verticillata â€˜Moonbeamâ€™ Caused by Fusarium oxysporum in a Midwestern Nursery. Plant Disease, 2007, 91, 1519-1519.	1.4	3
52	Temperature Response of Chickpea Cultivars to Races of Fusarium oxysporum f. sp. ciceris, Causal Agent of Fusarium Wilt. Plant Disease, 2006, 90, 365-374.	1.4	58
53	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying Fusarium. European Journal of Plant Pathology, 2004, 110, 473-479.	1.7	860
54	Stepwise Evolution of Races in Fusarium oxysporum f. sp. ciceris Inferred from Fingerprinting with Repetitive DNA Sequences. Phytopathology, 2004, 94, 228-235.	2.2	43

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55	Development of a Specific Polymerase Chain Reaction-Based Assay for the Identification of Fusarium oxysporum f. sp. ciceris and Its Pathogenic Races 0, 1A, 5, and 6. Phytopathology, 2003, 93, 200-209.	2.2	105
56	Gene genealogies support <i>Fusarium oxysporum</i> f. sp. <i> ciceris</i> as a monophyletic group. Plant Pathology, 2002, 51, 72-77.	2.4	69
57	Title is missing!. European Journal of Plant Pathology, 2001, 107, 237-248.	1.7	77