Maria del Mar Jimenez-Gasco

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1114739/publications.pdf

Version: 2024-02-01

57 papers	3,998 citations	136885 32 h-index	149623 56 g-index
58 all docs	58 docs citations	58 times ranked	4715 citing authors

#	Article	IF	Citations
1	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying Fusarium. European Journal of Plant Pathology, 2004, 110, 473-479.	0.8	860
2	Lignin degradation in wood-feeding insects. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12932-12937.	3.3	279
3	One Fungus, One Name: Defining the Genus Fusarium in a Scientifically Robust Way That Preserves Longstanding Use. Phytopathology, 2013, 103, 400-408.	1.1	219
4	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
5	Verticillium Wilt, A Major Threat to Olive Production: Current Status and Future Prospects for its Management. Plant Disease, 2012, 96, 304-329.	0.7	177
6	Material properties of nanoclay PVC composites. Polymer, 2009, 50, 1857-1867.	1.8	140
7	Hidden Host Plant Associations of Soilborne Fungal Pathogens: An Ecological Perspective. Phytopathology, 2013, 103, 538-544.	1.1	132
8	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.	1.8	130
9	Fusarium wilt of chickpeas: Biology, ecology and management. Crop Protection, 2015, 73, 16-27.	1.0	114
10	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a MonophyleticFusariumthat Includes theFusarium solaniSpecies Complex. Phytopathology, 2021, 111, 1064-1079.	1.1	107
11	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.	1.1	105
12	Recombination between Clonal Lineages of the Asexual Fungus Verticillium dahliae Detected by Genotyping by Sequencing. PLoS ONE, 2014, 9, e106740.	1.1	95
13	Title is missing!. European Journal of Plant Pathology, 2001, 107, 237-248.	0.8	77
14	Region-Wide Analysis of Genetic Diversity in Verticillium dahliae 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.	1.1	76
15	Gene genealogies support Fusarium oxysporum f. sp. ciceris as a monophyletic group. Plant Pathology, 2002, 51, 72-77.	1.2	69
16	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.	0.7	64
17	Highly Diverse Endophytic and Soil Fusarium oxysporum Populations Associated with Field-Grown Tomato Plants. Applied and Environmental Microbiology, 2015, 81, 81-90.	1.4	64
18	Endophytic Metarhizium robertsii promotes maize growth, suppresses insect growth, and alters plant defense gene expression. Biological Control, 2020, 144, 104167.	1.4	64

#	Article	IF	Citations
19	Transposable elements in phytopathogenic Verticillium spp.: insights into genome evolution and inter- and intra-specific diversification. BMC Genomics, 2012, 13, 314.	1.2	62
20	Temperature Response of Chickpea Cultivars to Races of Fusarium oxysporum f. sp. ciceris, Causal Agent of Fusarium Wilt. Plant Disease, 2006, 90, 365-374.	0.7	58
21	A multi-omics approach to solving problems in plant disease ecology. PLoS ONE, 2020, 15, e0237975.	1.1	53
22	Variation of pathotypes and races and their correlations with clonal lineages in Verticillium dahliae. Plant Pathology, 2017, 66, 651-666.	1.2	51
23	Improvement of yield of Pleurotus eryngii var. eryngii by substrate supplementation and use of a casing overlay. Bioresource Technology, 2009, 100, 5270-5276.	4.8	50
24	Stepwise Evolution of Races in Fusarium oxysporum f. sp. ciceris Inferred from Fingerprinting with Repetitive DNA Sequences. Phytopathology, 2004, 94, 228-235.	1.1	43
25	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.	2.7	43
26	Microbial Community Profiling to Investigate Transmission of Bacteria Between Life Stages of the Wood-Boring Beetle, Anoplophora glabripennis. Microbial Ecology, 2009, 58, 199-211.	1.4	42
27	Sublethal Doses of Mefenoxam Enhance Pythium Damping-off of Geranium. Plant Disease, 2011, 95, 1233-1238.	0.7	42
28	Sudden Vegetation Dieback in Atlantic and Gulf Coast Salt Marshes. Plant Disease, 2013, 97, 436-445.	0.7	40
29	Manipulating Wild and Tamed Phytobiomes: Challenges and Opportunities. Phytobiomes Journal, 2019, 3, 3-21.	1.4	38
30	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.	1.7	37
31	Pleurotus eryngii species complex: Sequence analysis and phylogeny based on partial EF1Î± and RPB2 genes. Fungal Biology, 2010, 114, 421-428.	1.1	37
32	Molecular Detection of Peronospora variabilis in Quinoa Seed and Phylogeny of the Quinoa Downy Mildew Pathogen in South America and the United States. Phytopathology, 2014, 104, 379-386.	1.1	35
33	Clonal Expansion and Migration of a Highly Virulent, Defoliating Lineage of Verticillium dahliae. Phytopathology, 2016, 106, 1038-1046.	1.1	34
34	Comparative analysis uncovers the limitations of current molecular detection methods for Fusarium oxysporum f. sp. cubense race 4 strains. PLoS ONE, 2019, 14, e0222727.	1.1	34
35	EVA-layered double hydroxide (nano)composites: Mechanism of fire retardancy. Polymer Degradation and Stability, 2011, 96, 301-313.	2.7	33
36	Genetic Diversity and Host Range ofVerticillium dahliaeIsolates from Artichoke and Other Vegetable Crops in Spain. Plant Disease, 2010, 94, 396-404.	0.7	29

#	Article	IF	Citations
37	Complex Molecular Relationship Between Vegetative Compatibility Groups (VCGs) in Verticillium dahliae: VCGs Do Not Always Align with Clonal Lineages. Phytopathology, 2014, 104, 650-659.	1.1	28
38	Verticillium Wilt: A Threat to Artichoke Production. Plant Disease, 2010, 94, 1176-1187.	0.7	26
39	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.	0.8	26
40	Phylogenetic Analysis of Fusarium solani Associated with the Asian Longhorned Beetle, Anoplophora glabripennis. Insects, 2012, 3, 141-160.	1.0	20
41	Tailored Polyethylene Nanocomposite Sealants: Broad-Range Peelable Heat-Seals Through Designed Filler/Polymer Interfaces. Journal of Adhesion Science and Technology, 2009, 23, 709-737.	1.4	18
42	Systemic Colonization by Metarhizium robertsii Enhances Cover Crop Growth. Journal of Fungi (Basel, Switzerland), 2020, 6, 64.	1.5	17
43	Development and application of new molecular markers for analysis of genetic diversity in Verticillium dahliae populations. Plant Pathology, 2011, 60, 866-877.	1.2	16
44	Polyethylene Nanocomposite Heatâ€Sealants with a Versatile Peelable Character. Macromolecular Rapid Communications, 2009, 30, 17-23.	2.0	15
45	Comparison of genotyping by sequencing and microsatellite markers for unravelling population structure in the clonal fungus Verticillium dahliae. Plant Pathology, 2018, 67, 76-86.	1.2	14
46	Genetic Diversity of Fusarium oxysporum f. sp. cubense, the Fusarium Wilt Pathogen of Banana, in Ecuador. Plants, 2020, 9, 1133.	1.6	12
47	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.	0.8	11
48	Genetic diversity of appleâ€and crabappleâ€infecting isolates of Venturia inaequalis in Pennsylvania, the United States, determined by microsatellite markers. Forest Pathology, 2018, 48, e12405.	0.5	10
49	Fusarium oxysporum. , 2014, , 99-119.		9
50	Population Genetics of Verticillium dahliae in Iran Based on Microsatellite and Single Nucleotide Polymorphism Markers. Phytopathology, 2018, 108, 780-788.	1.1	9
51	Genetic Differentiation of Verticillium dahliae Populations Recovered from Symptomatic and Asymptomatic Hosts. Phytopathology, 2021, 111, 149-159.	1.1	9
52	Sequence Variation in Two Protein-Coding Genes Correlates with Mycelial Compatibility Groupings in Sclerotium rolfsii. Phytopathology, 2013, 103, 479-487.	1.1	8
53	Evolution of Nine Microsatellite Loci in the Fungus Fusarium oxysporum. Journal of Molecular Evolution, 2016, 82, 27-37.	0.8	3
54	First Report of Fusarium Wilt of Coreopsis verticillata â€˜Moonbeamâ€™ Caused by Fusarium oxysporum in a Midwestern Nursery. Plant Disease, 2007, 91, 1519-1519.	0.7	3

#	Article	IF	Citations
55	Mating type and spore killing characterization of Fusarium verticillioides strains. Mycological Progress, 2015, 14, 1.	0.5	2
56	The Role of Endophytic Insect-Pathogenic Fungi in Biotic Stress Management. , 2020, , 379-400.		2
57	Editorial: Necrotrophic Fungal Plant Pathogens. Frontiers in Plant Science, 2022, 13, 839674.	1.7	2