

# 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	FUSARIUM-ID v. 1.0: A DNA Sequence Database for Identifying Fusarium. European Journal of Plant Pathology, 2004, 110, 473-479.	1.7	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.	7.1	279
3	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
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.	1.4	177
6	Material properties of nanoclay PVC composites. Polymer, 2009, 50, 1857-1867.	3.8	140
7	Hidden Host Plant Associations of Soilborne Fungal Pathogens: An Ecological Perspective. Phytopathology, 2013, 103, 538-544.	2.2	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.	3.8	130
9	Fusarium wilt of chickpeas: Biology, ecology and management. Crop Protection, 2015, 73, 16-27.	2.1	114
10	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
11	Development of a Specific Polymerase Chain Reaction-Based Assay for the Identification of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> and Its Pathogenic Races O, 1A, 5, and 6. Phytopathology, 2003, 93, 200-209.	2.2	105
12	Recombination between Clonal Lineages of the Asexual Fungus <i>Verticillium dahliae</i> Detected by Genotyping by Sequencing. PLoS ONE, 2014, 9, e106740.	2.5	95
13	Title is missing!. European Journal of Plant Pathology, 2001, 107, 237-248.	1.7	77
14	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
15	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
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.	1.4	64
17	Highly Diverse Endophytic and Soil <i>Fusarium oxysporum</i> Populations Associated with Field-Grown Tomato Plants. Applied and Environmental Microbiology, 2015, 81, 81-90.	3.1	64
18	Endophytic <i>Metarhizium robertsii</i> promotes maize growth, suppresses insect growth, and alters plant defense gene expression. Biological Control, 2020, 144, 104167.	3.0	64

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19	Transposable elements in phytopathogenic <i>Verticillium</i> spp.: insights into genome evolution and inter- and intra-specific diversification. <i>BMC Genomics</i> , 2012, 13, 314.	2.8	62
20	Temperature Response of Chickpea Cultivars to Races of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> , Causal Agent of Fusarium Wilt. <i>Plant Disease</i> , 2006, 90, 365-374.	1.4	58
21	A multi-omics approach to solving problems in plant disease ecology. <i>PLoS ONE</i> , 2020, 15, e0237975.	2.5	53
22	Variation of pathotypes and races and their correlations with clonal lineages in <i>Verticillium dahliae</i> . <i>Plant Pathology</i> , 2017, 66, 651-666.	2.4	51
23	Improvement of yield of <i>Pleurotus eryngii</i> var. <i>eryngii</i> by substrate supplementation and use of a casing overlay. <i>Bioresource Technology</i> , 2009, 100, 5270-5276.	9.6	50
24	Stepwise Evolution of Races in <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> Inferred from Fingerprinting with Repetitive DNA Sequences. <i>Phytopathology</i> , 2004, 94, 228-235.	2.2	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. <i>Polymer Degradation and Stability</i> , 2009, 94, 2042-2054.	5.8	43
26	Microbial Community Profiling to Investigate Transmission of Bacteria Between Life Stages of the Wood-Boring Beetle, <i>Anoplophora glabripennis</i> . <i>Microbial Ecology</i> , 2009, 58, 199-211.	2.8	42
27	Sublethal Doses of Mefenoxam Enhance Pythium Damping-off of Geranium. <i>Plant Disease</i> , 2011, 95, 1233-1238.	1.4	42
28	Sudden Vegetation Dieback in Atlantic and Gulf Coast Salt Marshes. <i>Plant Disease</i> , 2013, 97, 436-445.	1.4	40
29	Manipulating Wild and Tamed Phytobiomes: Challenges and Opportunities. <i>Phytobiomes Journal</i> , 2019, 3, 3-21.	2.7	38
30	Enhancement of the antioxidants ergothioneine and selenium in <i>Pleurotus eryngii</i> var. <i>eryngii</i> basidiomata through cultural practices. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 1597-1607.	3.6	37
31	<i>Pleurotus eryngii</i> species complex: Sequence analysis and phylogeny based on partial EF1 $\alpha$ and RPB2 genes. <i>Fungal Biology</i> , 2010, 114, 421-428.	2.5	37
32	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. <i>Phytopathology</i> , 2014, 104, 379-386.	2.2	35
33	Clonal Expansion and Migration of a Highly Virulent, Defoliating Lineage of <i>Verticillium dahliae</i> . <i>Phytopathology</i> , 2016, 106, 1038-1046.	2.2	34
34	Comparative analysis uncovers the limitations of current molecular detection methods for <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> race 4 strains. <i>PLoS ONE</i> , 2019, 14, e0222727.	2.5	34
35	EVA-layered double hydroxide (nano)composites: Mechanism of fire retardancy. <i>Polymer Degradation and Stability</i> , 2011, 96, 301-313.	5.8	33
36	Genetic Diversity and Host Range of <i>Verticillium dahliae</i> Isolates from Artichoke and Other Vegetable Crops in Spain. <i>Plant Disease</i> , 2010, 94, 396-404.	1.4	29

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37	Complex Molecular Relationship Between Vegetative Compatibility Groups (VCGs) in <i>Verticillium dahliae</i> : VCGs Do Not Always Align with Clonal Lineages. <i>Phytopathology</i> , 2014, 104, 650-659.	2.2	28
38	<i>Verticillium</i> Wilt: A Threat to Artichoke Production. <i>Plant Disease</i> , 2010, 94, 1176-1187.	1.4	26
39	Striking genetic similarity between races of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> confirms a monophyletic origin and clonal evolution of the chickpea vascular wilt pathogen. <i>European Journal of Plant Pathology</i> , 2014, 139, 309-324.	1.7	26
40	Phylogenetic Analysis of <i>Fusarium solani</i> Associated with the Asian Longhorned Beetle, <i>Anoplophora glabripennis</i> . <i>Insects</i> , 2012, 3, 141-160.	2.2	20
41	Tailored Polyethylene Nanocomposite Sealants: Broad-Range Peelable Heat-Seals Through Designed Filler/Polymer Interfaces. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 709-737.	2.6	18
42	Systemic Colonization by <i>Metarhizium robertsii</i> Enhances Cover Crop Growth. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 64.	3.5	17
43	Development and application of new molecular markers for analysis of genetic diversity in <i>Verticillium dahliae</i> populations. <i>Plant Pathology</i> , 2011, 60, 866-877.	2.4	16
44	Polyethylene Nanocomposite Heat-Sealants with a Versatile Peelable Character. <i>Macromolecular Rapid Communications</i> , 2009, 30, 17-23.	3.9	15
45	Comparison of genotyping by sequencing and microsatellite markers for unravelling population structure in the clonal fungus <i>Verticillium dahliae</i> . <i>Plant Pathology</i> , 2018, 67, 76-86.	2.4	14
46	Genetic Diversity of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> , the <i>Fusarium</i> Wilt Pathogen of Banana, in Ecuador. <i>Plants</i> , 2020, 9, 1133.	3.5	12
47	Effects of isolates of <i>Claviceps jacksonii</i> and <i>Claviceps monteithiana</i> on severity of dollar spot in turfgrasses by host type. <i>European Journal of Plant Pathology</i> , 2019, 155, 817-829.	1.7	11
48	Genetic diversity of apple and crabapple-infecting isolates of <i>Venturia inaequalis</i> in Pennsylvania, the United States, determined by microsatellite markers. <i>Forest Pathology</i> , 2018, 48, e12405.	1.1	10
49	<i>Fusarium oxysporum</i> . , 2014, , 99-119.		9
50	Population Genetics of <i>Verticillium dahliae</i> in Iran Based on Microsatellite and Single Nucleotide Polymorphism Markers. <i>Phytopathology</i> , 2018, 108, 780-788.	2.2	9
51	Genetic Differentiation of <i>Verticillium dahliae</i> Populations Recovered from Symptomatic and Asymptomatic Hosts. <i>Phytopathology</i> , 2021, 111, 149-159.	2.2	9
52	Sequence Variation in Two Protein-Coding Genes Correlates with Mycelial Compatibility Groupings in <i>Sclerotium rolfsii</i> . <i>Phytopathology</i> , 2013, 103, 479-487.	2.2	8
53	Evolution of Nine Microsatellite Loci in the Fungus <i>Fusarium oxysporum</i> . <i>Journal of Molecular Evolution</i> , 2016, 82, 27-37.	1.8	3
54	First Report of <i>Fusarium</i> Wilt of <i>Coreopsis verticillata</i> "Moonbeam"™ Caused by <i>Fusarium oxysporum</i> in a Midwestern Nursery. <i>Plant Disease</i> , 2007, 91, 1519-1519.	1.4	3

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55	Mating type and spore killing characterization of <i>Fusarium verticillioides</i> strains. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	2
56	The Role of Endophytic Insect-Pathogenic Fungi in Biotic Stress Management. , 2020, , 379-400.		2
57	Editorial: Necrotrophic Fungal Plant Pathogens. <i>Frontiers in Plant Science</i> , 2022, 13, 839674.	3.6	2