

Dana Ment

List of Publications by Year in descending order

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31
papers

739
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567281

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#	ARTICLE	IF	CITATIONS
1	The Entomopathogenic Fungi <i>Metarhizium brunneum</i> and <i>Beauveria bassiana</i> Promote Systemic Immunity and Confer Resistance to a Broad Range of Pests and Pathogens in Tomato. <i>Phytopathology</i> , 2022, 112, 784-793.	2.2	30
2	Survival and efficacy of entomopathogenic nematodes on exposed surfaces. <i>Scientific Reports</i> , 2022, 12, 4629.	3.3	8
3	Encapsulation of <i>Bacillus thuringiensis</i> in an inverse Pickering emulsion for pest control applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112427.	5.0	16
4	Behavioral and molecular response of the insect parasitic nematode <i>Steinernema carpocapsae</i> to cues emitted by a host, the red palm weevil, <i>Rhynchophorus ferrugineus</i> . <i>Molecular and Biochemical Parasitology</i> , 2021, 241, 111345.	1.1	4
5	Intraspecies variation of <i>Metarhizium brunneum</i> against the green peach aphid, <i>Myzus persicae</i> , provides insight into the complexity of disease progression. <i>Pest Management Science</i> , 2021, 77, 2557-2567.	3.4	12
6	Not Only a Formulation: The Effects of Pickering Emulsion on the Entomopathogenic Action of <i>Metarhizium brunneum</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 499.	3.5	15
7	Single cell encapsulation in a Pickering emulsion stabilized by TiO ₂ nanoparticles provides protection against UV radiation for a biopesticide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111958.	5.0	17
8	Single-Conidium Encapsulation in Oil-in-Water Pickering Emulsions at High Encapsulation Yield. <i>Frontiers in Chemistry</i> , 2021, 9, 726874.	3.6	7
9	Activity of <i>Metarhizium brunneum</i> and <i>Beauveria bassiana</i> against early developmental stages of the false codling moth <i>Thaumatotibia leucotreta</i> . <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107312.	3.2	6
10	Comparative response of <i>Metarhizium brunneum</i> to the cuticles of susceptible and resistant hosts. <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 105, e21756.	1.5	3
11	Biocontrol of the cat flea, <i>Ctenocephalides felis</i> , by entomopathogenic nematodes and fungi. <i>Biological Control</i> , 2020, 149, 104301.	3.0	3
12	Interactions of <i>Metarhizium brunneum</i> -7 with Phytophagous Mites Following Different Application Strategies. <i>Insects</i> , 2020, 11, 330.	2.2	13
13	Preventative Approach to Microbial Control of <i>Capnodis tenebrionis</i> by Soil Application of <i>Metarhizium brunneum</i> and <i>Beauveria bassiana</i> . <i>Insects</i> , 2020, 11, 319.	2.2	5
14	Characterization of the phenotypic and genotypic tolerance to abiotic stresses of natural populations of <i>Heterorhabditis bacteriophora</i> . <i>Scientific Reports</i> , 2020, 10, 10500.	3.3	16
15	Diversity of Bacterial Biota in <i>Capnodis tenebrionis</i> (Coleoptera: Buprestidae) Larvae. <i>Pathogens</i> , 2019, 8, 4.	2.8	9
16	Activity of native and commercial strains of <i>Metarhizium</i> spp. against the poultry red mite <i>Dermanyssus gallinae</i> under different environmental conditions. <i>Veterinary Parasitology</i> , 2018, 262, 20-25.	1.8	20
17	Single Cell Encapsulation via Pickering Emulsion for Biopesticide Applications. <i>ACS Omega</i> , 2018, 3, 14294-14301.	3.5	33
18	Mutation of AREA affects growth, sporulation, nitrogen regulation, and pathogenicity in <i>Colletotrichum gloeosporioides</i> . <i>Fungal Genetics and Biology</i> , 2017, 99, 29-39.	2.1	28

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19	Differential gene expression in tomato fruit and <i>Colletotrichum gloeosporioides</i> during colonization of the RNAi-SIPH tomato line with reduced fruit acidity and higher pH. <i>BMC Genomics</i> , 2017, 18, 579.	2.8	11
20	Carbon regulation of environmental pH by secreted small molecules that modulate pathogenicity in phytopathogenic fungi. <i>Molecular Plant Pathology</i> , 2016, 17, 1178-1195.	4.2	56
21	Genetic improvement of host-seeking ability in the entomopathogenic nematodes <i>Steinernema carpocapsae</i> and <i>Heterorhabditis bacteriophora</i> toward the Red Palm Weevil <i>Rhynchophorus ferrugineus</i> . <i>Biological Control</i> , 2016, 100, 29-36.	3.0	10
22	The pH modulation by fungal secreted molecules: a mechanism affecting pathogenicity by postharvest pathogens. <i>Israel Journal of Plant Sciences</i> , 2016, 63, 22-30.	0.5	18
23	A Role of AREB in the Regulation of PACC-Dependent Acid-Expressed-Genes and Pathogenicity of <i>Colletotrichum gloeosporioides</i> . <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 154-166.	2.6	29
24	Simultaneous transcriptome analysis of <i>Colletotrichum gloeosporioides</i> and tomato fruit pathosystem reveals novel fungal pathogenicity and fruit defense strategies. <i>New Phytologist</i> , 2015, 205, 801-815.	7.3	170
25	Role of cuticular lipids and water-soluble compounds in tick susceptibility to <i>Metarhizium</i> infection. <i>Biocontrol Science and Technology</i> , 2013, 23, 956-967.	1.3	15
26	Resistant ticks inhibit <i>Metarhizium</i> infection prior to haemocoel invasion by reducing fungal viability on the cuticle surface. <i>Environmental Microbiology</i> , 2012, 14, 1570-1583.	3.8	56
27	Thermal limitations of <i>Metarhizium anisopliae</i> efficacy: selection for application on warm-blooded vertebrates. <i>BioControl</i> , 2011, 56, 81-89.	2.0	7
28	Novel Technique for Quantifying Adhesion of <i>Metarhizium anisopliae</i> Conidia to the Tick Cuticle. <i>Applied and Environmental Microbiology</i> , 2010, 76, 3521-3528.	3.1	29
29	The effect of temperature and relative humidity on the formation of <i>Metarhizium anisopliae</i> chlamyospores in tick eggs. <i>Fungal Biology</i> , 2010, 114, 49-56.	2.5	34
30	<i>Metarhizium anisopliae</i> conidial responses to lipids from tick cuticle and tick mammalian host surface. <i>Journal of Invertebrate Pathology</i> , 2010, 103, 132-139.	3.2	33
31	Pathogenicity of <i>Metarhizium anisopliae</i> (Hypocreales: Clavicipitaceae) to Tick Eggs and the Effect of Egg Cuticular Lipids on Conidia Development. <i>Journal of Medical Entomology</i> , 2009, 46, 531-538.	1.8	14