

Maria Fernanda G V Peñaflo

List of Publications by Year in descending order

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39
papers

909
citations

471509

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501196

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times ranked

1211
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#	ARTICLE	IF	CITATIONS
1	Tomato Infection by Whitefly-Transmitted Circulative and Non-Circulative Viruses Induce Contrasting Changes in Plant Volatiles and Vector Behaviour. <i>Viruses</i> , 2016, 8, 225.	3.3	95
2	Weather Forecasting by Insects: Modified Sexual Behaviour in Response to Atmospheric Pressure Changes. <i>PLoS ONE</i> , 2013, 8, e75004.	2.5	74
3	Herbivore-Induced Plant Volatiles Can Serve as Host Location Cues for a Generalist and a Specialist Egg Parasitoid. <i>Journal of Chemical Ecology</i> , 2011, 37, 1304-1313.	1.8	70
4	Oviposition by a moth suppresses constitutive and herbivore-induced plant volatiles in maize. <i>Planta</i> , 2011, 234, 207-215.	3.2	59
5	Herbivore-Induced Plant Volatiles to Enhance Biological Control in Agriculture. <i>Neotropical Entomology</i> , 2013, 42, 331-343.	1.2	53
6	Effects of single and mixed infections of <i>Bean pod mottle virus</i> and <i>Soybean mosaic virus</i> on host-plant chemistry and host-vector interactions. <i>Functional Ecology</i> , 2016, 30, 1648-1659.	3.6	50
7	Fall Armyworm, <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae), Female Moths Respond to Herbivore-Induced Corn Volatiles. <i>Neotropical Entomology</i> , 2012, 41, 22-26.	1.2	41
8	The dilemma of being a fragrant flower: the major floral volatile attracts pollinators and florivores in the euglossine-pollinated orchid <i>Dichaea pendula</i> . <i>Oecologia</i> , 2016, 182, 933-946.	2.0	37
9	Attraction of Three Mirid Predators to Tomato Infested by Both the Tomato Leaf Mining Moth <i>Tuta absoluta</i> and the Whitefly <i>Bemisia tabaci</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 29-39.	1.8	37
10	Stem inoculation with bacterial strains <i>Bacillus amyloliquefaciens</i> (GB03) and <i>Microbacterium imperiale</i> (MAIIF2a) mitigates <i>Fusarium</i> root rot in cassava. <i>Phytoparasitica</i> , 2019, 47, 135-142.	1.2	32
11	A Novel Interaction between Plant-Beneficial Rhizobacteria and Roots: Colonization Induces Corn Resistance against the Root Herbivore <i>Diabrotica speciosa</i> . <i>PLoS ONE</i> , 2014, 9, e113280.	2.5	32
12	Resistance of cotton genotypes with different leaf colour and trichome density to <i>Bemisia tabaci</i> biotype B. <i>Journal of Applied Entomology</i> , 2016, 140, 405-413.	1.8	25
13	Nocturnal herbivore-induced plant volatiles attract the generalist predatory earwig <i>Doru luteipes</i> Scudder. <i>Die Naturwissenschaften</i> , 2017, 104, 77.	1.6	24
14	Silicon-induced changes in plant volatiles reduce attractiveness of wheat to the bird cherry-oat aphid <i>Rhopalosiphum padi</i> and attract the parasitoid <i>Lysiphlebus testaceipes</i> . <i>PLoS ONE</i> , 2020, 15, e0231005.	2.5	24
15	Fungal phytopathogen modulates plant and insect responses to promote its dissemination. <i>ISME Journal</i> , 2021, 15, 3522-3533.	9.8	24
16	Red-rot infection in sugarcane attenuates the attractiveness of sugarcane borer-induced plant volatiles to parasitoid. <i>Arthropod-Plant Interactions</i> , 2019, 13, 117-125.	1.1	21
17	The Effects of Biostimulants on Induced Plant Defense. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	21
18	Diurnal and nocturnal herbivore induction on maize elicit different innate response of the fall armyworm parasitoid, <i>Camponotus flavicincta</i> . <i>Journal of Pest Science</i> , 2012, 85, 101-107.	3.7	18

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19	Attraction of entomopathogenic nematodes to sugarcane root volatiles under herbivory by a sap-sucking insect. <i>Chemoecology</i> , 2016, 26, 59-66.	1.1	18
20	Effects of single and multiple herbivory by host and non-host caterpillars on the attractiveness of herbivore-induced volatiles of sugarcane to the generalist parasitoid <i>Cotesia flavipes</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2017, 165, 83-93.	1.4	17
21	Leaf-cutting ants toxicity of limonexic acid and degraded limonoids from <i>Raulinoa echinata</i> : X-ray structure of epoxy-fraxinellone. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1443-1447.	0.6	16
22	Role of Methyl Salicylate on Oviposition Deterrence in <i>Arabidopsis thaliana</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 754-759.	1.8	16
23	The effects of <i>Gibberella zeae</i> , Barley Yellow Dwarf Virus, and co-infection on <i>Rhopalosiphum padi</i> olfactory preference and performance. <i>Phytoparasitica</i> , 2016, 44, 47-54.	1.2	15
24	Effect of host egg age on preference, development and arrestment of <i>Telenomus remus</i> (Hymenoptera: Tj ETQq0 Q Q rgBT /Overlock 10	1.2	15
25	Direct and indirect resistance of sugarcane to <i>Diatraea saccharalis</i> induced by jasmonic acid. <i>Bulletin of Entomological Research</i> , 2017, 107, 828-838.	1.0	12
26	Silicon Supplementation of Maize Impacts Fall Armyworm Colonization and Increases Predator Attraction. <i>Neotropical Entomology</i> , 2021, 50, 654-661.	1.2	10
27	The Impact of Coffee and Pasture Agriculture on Predatory and Omnivorous Leaf-Litter Ants. <i>Journal of Insect Science</i> , 2013, 13, 1-11.	0.9	8
28	Does host determine short-range flight capacity of trichogrammatids?. <i>Journal of Applied Entomology</i> , 2014, 138, 677-682.	1.8	7
29	A comparison of the direct and indirect defence abilities of cultivated maize versus perennial and annual teosintes. <i>Chemoecology</i> , 2021, 31, 63-74.	1.1	6
30	Interactions between white mealybugs and red spider mites sequentially colonizing coffee plants. <i>Journal of Applied Entomology</i> , 2019, 143, 957-963.	1.8	5
31	Infection by the semi-persistently transmitted Tomato chlorosis virus alters the biology and behaviour of <i>Bemisia tabaci</i> on two potato clones. <i>Bulletin of Entomological Research</i> , 2019, 109, 604-611.	1.0	5
32	Toxicidade de Substâncias Isoladas de <i>Simarouba versicolor</i> St. Hil. (Simaroubaceae) para Formigas Cortadeiras <i>Atta sexdens</i> L. (Hymenoptera: Formicidae) e para o seu Fungo Simbionte <i>Leucoagaricus gongylophorus</i> (Singer) MÅ¶ller. <i>BioAssay</i> , 2009, 4, .	0.2	5
33	<i>Colletotrichum falcatum</i> modulates the olfactory behavior of the sugarcane borer, favoring pathogen infection. <i>FEMS Microbiology Ecology</i> , 2022, , .	2.7	5
34	Behavioral response of the generalist predator <i>Orius insidiosus</i> to single and multiple herbivory by two cell content-feeding herbivores on rose plants. <i>Arthropod-Plant Interactions</i> , 2020, 14, 227-236.	1.1	4
35	Use of Semiochemical-Based Strategies to Enhance Biological Control. , 2019, , 509-522.		4
36	Sight unseen: Belowground feeding influences the distribution of an aboveground herbivore. <i>Ecosphere</i> , 2020, 11, e03163.	2.2	2

#	ARTICLE	IF	CITATIONS
37	A parasitoid's dilemma between food and host resources: the role of volatiles from nectar-providing marigolds and host-infested plants attracting <i>Aphidius platensis</i> . <i>Die Naturwissenschaften</i> , 2022, 109, 9.	1.6	2
38	Proximate factors and potential benefits influencing selection of <i>Psychotria suterella</i> for shelter by the harvestman <i>Jussara</i> spec.. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 163, 241-250.	1.4	0
39	Leaf beetle herbivory shapes the subsequent flower-visiting insect community and impacts plant reproduction. <i>Ecoscience</i> , 0, , 1-10.	1.4	0