

Adriana J Najar-Rodríguez

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

843
citations

567281

15
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1052
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailored flower strips promote natural enemy biodiversity and pest control in potato crops. <i>Journal of Applied Ecology</i> , 2016, 53, 1169-1176.	4.0	143
2	Behavioral and neurophysiological responses of an insect to changing ratios of constituents in host plant-derived volatile mixtures. <i>Journal of Experimental Biology</i> , 2010, 213, 3388-3397.	1.7	102
3	Bioconversion of Three Organic Wastes by Black Soldier Fly (Diptera: Stratiomyidae) Larvae. <i>Environmental Entomology</i> , 2018, 47, 1609-1617.	1.4	84
4	Season-Long Volatile Emissions from Peach and Pear Trees In Situ, Overlapping Profiles, and Olfactory Attraction of an Oligophagous Fruit Moth in the Laboratory. <i>Journal of Chemical Ecology</i> , 2013, 39, 418-429.	1.8	66
5	The toxicological effects of petroleum spray oils on insects – Evidence for an alternative mode of action and possible new control options. <i>Food and Chemical Toxicology</i> , 2008, 46, 3003-3014.	3.6	44
6	The efficacy of a petroleum spray oil against <i>Aphis gossypii</i> Glover on cotton. Part 1: Mortality rates and sources of variation. <i>Pest Management Science</i> , 2007, 63, 586-595.	3.4	37
7	Elevated carbon dioxide impairs the performance of a specialized parasitoid of an aphid host feeding on Brassica plants. <i>Biological Control</i> , 2013, 66, 49-55.	3.0	35
8	Larval performance of the oriental fruit moth across fruits from primary and secondary hosts. <i>Physiological Entomology</i> , 2013, 38, 63-70.	1.5	35
9	The microbial flora of <i>Aphis gossypii</i> : Patterns across host plants and geographical space. <i>Journal of Invertebrate Pathology</i> , 2009, 100, 123-126.	3.2	33
10	Thrips see red – flower colour and the host relationships of a polyphagous anthophilic thrips. <i>Ecological Entomology</i> , 2007, 32, 527-535.	2.2	29
11	Acclimation to Elevated CO ₂ Increases Constitutive Glucosinolate Levels of Brassica Plants and Affects the Performance of Specialized Herbivores from Contrasting Feeding Guilds. <i>Journal of Chemical Ecology</i> , 2013, 39, 653-665.	1.8	29
12	Plant acclimation to elevated CO ₂ affects important plant functional traits, and concomitantly reduces plant colonization rates by an herbivorous insect. <i>Planta</i> , 2013, 237, 29-42.	3.2	25
13	Brassica Plant Responses to Mild Herbivore Stress Elicited by Two Specialist Insects from Different Feeding Guilds. <i>Journal of Chemical Ecology</i> , 2014, 40, 136-149.	1.8	24
14	Mating success of the black soldier fly, <i>Hermetia illucens</i> (Diptera: Stratiomyidae), under four artificial light sources. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111815.	3.8	21
15	The efficacy of a petroleum spray oil against <i>Aphis gossypii</i> Glover on cotton. Part 2: Indirect effects of oil deposits. <i>Pest Management Science</i> , 2007, 63, 596-607.	3.4	20
16	The ecological differentiation of asexual lineages of cotton aphids: alate behaviour, sensory physiology, and differential host associations. <i>Biological Journal of the Linnean Society</i> , 2009, 97, 503-519.	1.6	16
17	Aphid-deprivation from Brassica plants results in increased isothiocyanate release and parasitoid attraction. <i>Chemoecology</i> , 2015, 25, 303-311.	1.1	16
18	Sorption and desorption characteristics of methyl bromide during and after fumigation of pine (<i>Pinus radiata</i> D. Don) logs. <i>Pest Management Science</i> , 2017, 73, 874-879.	3.4	12

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19	Variation in Attraction to Host Plant Odors in an Invasive Moth Has a Genetic Basis and is Genetically Negatively Correlated with Fecundity. <i>Behavior Genetics</i> , 2012, 42, 687-697.	2.1	9
20	Sulfuryl fluoride fumigation to control brown marmorated stinkbug (Hemiptera: Pentatomidae). <i>Postharvest Biology and Technology</i> , 2020, 163, 111111.	6.0	9
21	Behavioural and neurophysiological responses of an insect to changing ratios of constituents in host plant-derived volatile mixtures. <i>Journal of Experimental Biology</i> , 2011, 214, 162-162.	1.7	8
22	Laboratory toxicity and large-scale commercial validation of the efficacy of ethanedinitrile, a potential alternative fumigant to methyl bromide, to disinfest New Zealand <i>Pinus radiata</i> export logs. <i>Journal of Stored Products Research</i> , 2020, 88, 101671.	2.6	8
23	Quantification of hydrogen cyanide as a potential decomposition product of ethanedinitrile during pine log fumigation. <i>New Zealand Journal of Forestry Science</i> , 2018, 48, .	0.8	7
24	Acoustic communication of the red-haired bark beetle <i>Hylurgus ligniperda</i> . <i>Physiological Entomology</i> , 2019, 44, 252-265.	1.5	7
25	Effects of temperature, photoperiod and humidity on the life history of <i>Gargaphia decoris</i> . <i>BioControl</i> , 2019, 64, 633-643.	2.0	6
26	Influence of dose bark cover and endgrain sealing on ethanedinitrile (C ₂ H ₃ N ₂) sorption by pine (<i>Pinus radiata</i> D) Tj ETQq000 rgBTdOverlock	0.0	0
27	The current and future potential distribution of <i>Gargaphia decoris</i> : A biological control agent for <i>Solanum mauritianum</i> (Solanaceae). <i>Biological Control</i> , 2021, 160, 104637.	3.0	5
28	Reproduction of Black Soldier Fly (Diptera: Stratiomyidae) Under Different Adult Densities and Light Regimes. <i>Journal of Economic Entomology</i> , 2022, 115, 37-45.	1.8	3
29	Quantifying phosphine penetration through the bark of pine (<i>Pinus radiata</i> D.Don) logs. <i>Journal of Stored Products Research</i> , 2018, 78, 83-88.	2.6	2
30	Efficacy of quarantine treatments using reduced methyl bromide concentrations to disinfest <i>Pinus radiata</i> logs from New Zealand. <i>Journal of Stored Products Research</i> , 2020, 89, 101718.	2.6	2