

# Josã© Bruno B Malaquias

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

726  
citations

623734

14  
h-index

610901

24  
g-index

51  
all docs

51  
docs citations

51  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection and characterization of the inheritance of resistance of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) to chlorantraniliprole and cross-resistance to other diamide insecticides. <i>Pest Management Science</i> , 2019, 75, 2682-2689.	3.4	126
2	Effective dominance of resistance of <i>Spodoptera frugiperda</i> to Bt maize and cotton varieties: implications for resistance management. <i>Scientific Reports</i> , 2016, 6, 34864.	3.3	78
3	Late effect of larval co-exposure to the insecticide clothianidin and fungicide pyraclostrobin in Africanized <i>Apis mellifera</i> . <i>Scientific Reports</i> , 2019, 9, 3277.	3.3	35
4	Larval Dispersal of <i>Spodoptera frugiperda</i> Strains on Bt Cotton: A Model for Understanding Resistance Evolution and Consequences for its Management. <i>Scientific Reports</i> , 2017, 7, 16109.	3.3	30
5	Oral acute toxicity and impact of neonicotinoids on <i>Apis mellifera</i> L. and <i>Scaptotrigona postica</i> Latreille (Hymenoptera: Apidae). <i>Ecotoxicology</i> , 2019, 28, 744-753.	2.4	29
6	Imidacloprid affects the functional response of predator <i>Podisus nigrispinus</i> (Dallas) (Heteroptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 192-200.	2.4	27
7	Feeding and Dispersal Behavior of the Cotton Leafworm, <i>Alabama argillacea</i> (H&1/4bner) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overl ONE, 2014, 9, e111588.	2.5	24
8	Feeding of fall armyworm, <i>Spodoptera frugiperda</i> , on Bt transgenic cotton and its isolate. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 139, 207-214.	1.4	23
9	Assessment of Fennel Aphids (Hemiptera: Aphididae) and Their Predators in Fennel Intercropped With Cotton With Colored Fibers. <i>Journal of Economic Entomology</i> , 2012, 105, 113-119.	1.8	19
10	Feeding Damage from Cotton Aphids, <i>Aphis gossypii</i> Glover (Hemiptera: Heteroptera: Aphididae), in Cotton with Colored Fiber Intercropped with Fennel. <i>Annals of the Entomological Society of America</i> , 2012, 105, 20-27.	2.5	18
11	Within-plant distribution of cotton aphids, <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae), in Bt and non-Bt cotton fields. <i>Bulletin of Entomological Research</i> , 2012, 102, 79-87.	1.0	18
12	<i>Apis mellifera</i> and <i>Melipona scutellaris</i> exhibit differential sensitivity to thiamethoxam. <i>Environmental Pollution</i> , 2021, 268, 115770.	7.5	18
13	Bt cotton and the predator <i>Podisus nigrispinus</i> (Dallas) (Heteroptera: Pentatomidae) in the management of <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae) resistance to lambda-cyhalothrin. <i>Journal of Pest Science</i> , 2015, 88, 57-63.	3.7	16
14	Temperature-Dependent Fecundity and Life Table of the Fennel Aphid <i>Hyadaphis foeniculi</i> (Passerini) (Hemiptera: Aphididae). <i>PLoS ONE</i> , 2015, 10, e0122490.	2.5	16
15	Within Plant Distribution and Dynamics of <i>Hyadaphis foeniculi</i> (Hemiptera: Aphididae) in Field Fennel Intercropped with Naturally Colored Cotton. <i>Florida Entomologist</i> , 2013, 96, 92-103.	0.5	14
16	Multivariate approach to quantitative analysis of <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae) and their natural enemy populations at different cotton spacings. <i>Scientific Reports</i> , 2017, 7, 41740.	3.3	14
17	Age-dependent fecundity of <i>Podisus nigrispinus</i> (Dallas) (Heteroptera: Pentatomidae) with sublethal doses of gammacyhalothrin. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 1157-1166.	0.5	13
18	Life stage and population density of <i>Plutella xylostella</i> affect the predation behavior of <i>Euborellia annulipes</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 544-552.	1.4	13

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19	Effects of Photoperiod on Reproduction and Longevity of <i>Podisus nigrispinus</i> (Heteroptera: Tj ETQq1 1 0.784314 rgBT /Overlock 2.5 12	2.5	12
20	Experimental and theoretical landscape influences on <i>Spodoptera frugiperda</i> movement and resistance evolution in contaminated refuge areas of Bt cotton. <i>Journal of Pest Science</i> , 2020, 93, 329-340.	3.7	11
21	Imidacloprid-mediated stress on non-Bt and Bt cotton, aphid and ladybug interaction: Approaches based on insect behaviour, fluorescence, dark respiration and plant electrophysiology. <i>Chemosphere</i> , 2021, 263, 127561.	8.2	11
22	Within-plant distribution of cotton aphid (Hemiptera: Aphididae) in cotton cultivars with colored fibers. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 707-721.	0.8	11
23	Effects of photoperiod on the development and growth of <i>Podisus nigrispinus</i> , a predator of cotton leafworm. <i>Phytoparasitica</i> , 2009, 37, 241-248.	1.2	10
24	Temperature-dependent development rates of <i>Bracon vulgaris</i> , a parasitoid of boll weevil. <i>Phytoparasitica</i> , 2009, 37, 17-25.	1.2	8
25	Within-Plant Distribution of Cotton Aphid (Hemiptera: Aphididae), in Cotton With Colored Fibers and Cotton-Fennel Intercropping System. <i>Annals of the Entomological Society of America</i> , 2012, 105, 599-607.	2.5	8
26	Potassium silicate-induced resistance against blackfly in seedlings of <i>Citrus reticulata</i> . <i>Fruits</i> , 2016, 71, 49-55.	0.4	8
27	Food extraction by the males of <i>Podisus nigrispinus</i> (Dallas) (Hemiptera: Pentatomidae) from cotton leafworm larvae. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 1027-1035.	0.5	7
28	Effect of temperature on the reproduction of <i>Bracon vulgaris</i> Ashmead (Hymenoptera: Braconidae), a parasitoid of the cotton boll weevil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 1021-1030.	0.8	7
29	Estimating the development of the fennel aphid, <i>Hyadaphis foeniculi</i> (Passerini) (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 3.4 7	3.4	7
30	Lightweight males of <i>Podisus nigrispinus</i> (Heteroptera: Pentatomidae) neglect lightweight females due low reproductive fitness. <i>Brazilian Journal of Biology</i> , 2017, 77, 267-276.	0.9	7
31	Correlation-Based Network Analysis of the Influence of <i>Bemisia tabaci</i> Feeding on Photosynthesis and Foliar Sugar and Starch Composition in Soybean. <i>Insects</i> , 2022, 13, 56.	2.2	7
32	Feeding and Life History of <i>Alabama argillacea</i> (Lepidoptera: Noctuidae) on Cotton Cultivars Producing Colored Fibers. <i>Annals of the Entomological Society of America</i> , 2011, 104, 613-619.	2.5	6
33	Shifts in Ecological Dominance between Two Lepidopteran Species in Refuge Areas of Bt Cotton. <i>Insects</i> , 2021, 12, 157.	2.2	6
34	Evolutionary process modeling with Bayesian inference of <i>Spodoptera frugiperda</i> ballooning and walking dispersal in Bt and non-Bt cotton plant mixtures. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 721-731.	1.4	6
35	Oscillation, synchrony, and multi-factor patterns between cereal aphids and parasitoid populations in southern Brazil. <i>Bulletin of Entomological Research</i> , 2021, , 1-8.	1.0	6
36	The Biology and Thermal Requirements of the Fennel Aphid <i>Hyadaphis foeniculi</i> (Passerini) (Hemiptera: Tj ETQq0 0.0 rgBT /Overlock 2.5 10	2.5	10

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37	Food intake and utilization of <i>Alabama argillacea</i> (Hübner) (Lepidoptera: Noctuidae) fed on cotton cultivars with colored fibers. <i>Journal of Pest Science</i> , 2011, 84, 199-205.	3.7	5
38	How predation by <i>Podisus nigrispinus</i> is influenced by developmental stage and density of its prey <i>Alabama argillacea</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2016, 158, 142-151.	1.4	5
39	The behavior of <i>Aphis gossypii</i> and <i>Aphis craccivora</i> (Hemiptera: Aphididae) and of their predator <i>Cycloneda sanguinea</i> (Coleoptera: Coccinellidae) in cotton-cowpea intercropping systems. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 373-383.	0.8	5
40	Intercropped Bt and non-Bt corn with ruzigrass ( <i>Urochloa</i> ) (Lepidoptera: Noctuidae). <i>Pest Management Science</i> , 2021, 77, 3372-3381.	3.4	5
41	Ecological Modelling of Insect Movement in Cropping Systems. <i>Neotropical Entomology</i> , 2021, 50, 321-334.	1.2	5
42	Effect of Temperature on the Reproduction of <i>Bracon vulgaris</i> (Hymenoptera: Braconidae). <i>Journal of Insect Science and Technology</i> , 2021, 19, 1-10.	0.2	4
43	Models to describe the thermal development rates of <i>Cycloneda sanguinea</i> L. (Coleoptera: Coccinellidae). <i>Journal of Insect Science and Technology</i> , 2021, 19, 1-10.	2.5	4
44	Interspecific Associations between <i>Cycloneda sanguinea</i> and Two Aphid Species ( <i>Aphis gossypii</i> and <i>Aphis craccivora</i> ). <i>Journal of Insect Science and Technology</i> , 2021, 19, 1-10.	2.5	4
45	A food-ingested sublethal concentration of thiamethoxam has harmful effects on the stingless bee <i>Melipona scutellaris</i> . <i>Chemosphere</i> , 2022, 288, 132461.	8.2	4
46	Assessment of the attack of <i>Hyadaphis foeniculi</i> (Passerini) (Hemiptera: Aphididae) on biomass, seed and oil in fennel intercropped with cotton with colored fibers. <i>Industrial Crops and Products</i> , 2015, 77, 511-515.	5.2	3
47	Effects of temperature on the feeding behavior of <i>Alabama argillacea</i> (Hübner) (Lepidoptera: Noctuidae). <i>Journal of Insect Science and Technology</i> , 2021, 19, 2955-2969.	0.8	3
48	Population dynamics of <i>Aphis gossypii</i> Glover and in sole and intercropping systems of cotton and cowpea. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 311-323.	0.8	3
49	Electrical signalling on Bt and non-Bt cotton plants under stress by <i>Aphis gossypii</i> . <i>PLoS ONE</i> , 2021, 16, e0249699.	2.5	1
50	Interactive effects of host plant and insecticide foliar application on oviposition and performance of <i>Bemisia tabaci</i> (Gennadius) (Hemiptera: Aleyrodidae) cryptic species Mediterranean (MED) and Middle East-Asia minor 1 (MEAM1) in Brazil. <i>Phytoparasitica</i> , 2021, 49, 675-688.	1.2	0