Cristina CastaÃ±Ã©

List of Publications by Year
in descending order

67 papers	1,894 citations	257450 24 h-index	276875 41 g-index
69 all docs	69 docs citations	69 times ranked	1040 citing authors

#	Article	IF	Citations
1	Plant damage to vegetable crops by zoophytophagous mirid predators. Biological Control, 2011, 59, 22-29.	3.0	201
2	Risk of damage to tomato crops by the generalist zoophytophagous predatorNesidiocoris tenuis(Reuter) (Hemiptera: Miridae). Bulletin of Entomological Research, 2010, 100, 105-115.	1.0	125
3	Identification and Evaluation of Native Predators of Frankliniella occidentalis (Thysanoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	97
4	Modified atmosphere packaging (MAP) as an alternative measure for controlling ten pests that attack processed food products. Journal of Stored Products Research, 2009, 45, 91-96.	2.6	86
5	Colonization of tomato greenhouses by the predatory mirid bugs Macrolophus caliginosus and Dicyphus tamaninii. Biological Control, 2004, 30, 591-597.	3.0	85
6	Functional Response of Four Heteropteran Predators Preying on Greenhouse Whitefly (Homoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 29, 1075-1082.	1.4	82
7	Life history parameters for Nesidiocoris tenuis (Reuter) (Het., Miridae) under different temperature regimes. Journal of Applied Entomology, 2009, 133, 125-132.	1.8	63
8	Macrolophus caliginosus in the biological control of Bemisia tabaci on greenhouse melons. Biological Control, 2006, 36, 154-162.	3.0	61
9	Movement of greenhouse whitefly and its predators between in- and outside of Mediterranean greenhouses. Agriculture, Ecosystems and Environment, 2004, 102, 341-348.	5.3	60
10	Rearing the predatory bug Macrolophus caliginosus on a meat-based diet. Biological Control, 2005, 34, 66-72.	3.0	54
11	The use of carbon dioxide at high pressure to control nine stored-product pests. Journal of Stored Products Research, 2010, 46, 228-233.	2.6	45
12	The Mirid Bug Dicyphus tamaninii as a Greenhouse Whitefly and Western Flower Thrips Predator on Cucumber. Biocontrol Science and Technology, 1995, 5, 475-488.	1.3	44
13	Dicyphus tamaninii as a beneficial insect and pest in tomato crops in Catalonia, Spain. Entomophaga, 1988, 33, 219-228.	0.2	41
14	Management of Western Flower Thrips on Cucumber withDicyphus tamaninii(Heteroptera: Miridae). Biological Control, 1996, 7, 114-120.	3.0	39
15	The brine shrimp Artemia sp. as alternative prey for rearing the predatory bug Macrolophus caliginosus. Biological Control, 2006, 38, 405-412.	3.0	38
16	Lethal effects of CO2-modified atmospheres for the control of three Bruchidae species. Journal of Stored Products Research, 2013, 55, 62-67.	2.6	38
17	Understanding trophic interactions of Orius spp. (Hemiptera: Anthocoridae) in lettuce crops by molecular methods. Pest Management Science, 2016, 72, 272-279.	3.4	32
18	Artificial Oviposition Substrate for Rearing Orius insidiosus (Hemiptera, Anthocoridae). Biological Control, 1994, 4, 88-91.	3.0	31

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19	Behavioral responses of three plant-inhabiting predators to different prey densities. Biological Control, 2004, 30, 256-264.	3.0	29
20	Identification of the most common predatory hoverflies of Mediterranean vegetable crops and their parasitism using multiplex PCR. Journal of Pest Science, 2014, 87, 371-378.	3.7	28
21	Molecular assessment of predation by hoverflies (Diptera: Syrphidae) in Mediterranean lettuce crops. Pest Management Science, 2015, 71, 1219-1227.	3.4	28
22	Selection of Some Winter-Spring Vegetable Crop Hosts by Bemisia argentifolii (Homoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.8	27
23	Artificial Rearing of Dicyphus tamaninii (Heteroptera: Miridae) on a Meat-Based Diet. Biological Control, 2001, 22, 98-102.	3.0	27
24	Methyl isonicotinate â€“ a non-pheromone thrips semiochemical â€“ and its potential for pest management. International Journal of Tropical Insect Science, 2017, 37, 50-56.	1.0	26
25	Title is missing!. BioControl, 2002, 47, 657-666.	2.0	25
26	Toxicity of some insecticides and acaricides to the predatory bugDicyphus tamaninii (Het.: Miridae). Entomophaga, 1996, 41, 211-216.	0.2	24
27	Biological Control of Thrips. Developments in Plant Pathology, 1999, , 244-253.	0.1	24
28	Efficacy of Modified Atmospheres on Trogoderma granarium (Coleoptera: Dermestidae) and Sitophilus zeamais (Coleoptera: Curculionidae). Journal of Economic Entomology, 2019, 112, 2450-2457.	1.8	24
29	Title is missing!. BioControl, 1999, 44, 89-98.	2.0	23
30	Monogamy and polygamy in two species of mirid bugs: A functional-based approach. Journal of Insect Physiology, 2011, 57, 307-315.	2.0	23
31	Taxonomic identification of Macrolophus pygmaeus and Macrolophus melanotoma based on morphometry and molecular markers. Bulletin of Entomological Research, 2013, 103, 204-215.	1.0	23
32	Mating periodicity and post-mating refractory period in the zoophytophagous plant bug Macrolophus caliginosus (Heteroptera: Miridae). European Journal of Entomology, 2007, 104, 715-720.	1.2	23
33	Tomato belowgroundâ€“aboveground interactions: Rhizophagus irregularis affects foraging behavior and life history traits of the predator Macrolophus pygmaeus (Hemiptera: Miridae). Arthropod-Plant Interactions, 2017, 11, 15-22.	1.1	19
34	Olfactory response towards its prey Frankliniella occidentalis of wild and laboratory-reared Orius insidiosus and Orius laevigatus. Journal of Applied Entomology, 2011, 135, 177-183.	1.8	18
35	Carcass analysis to improve a meat-based diet for the artificial rearing of the predatory mirid bugDicyphus tamaninii. Archives of Insect Biochemistry and Physiology, 2005, 60, 84-92.	1.5	17
36	Reproductive biology of the predator Macrolophus caliginosus: Effect of age on sexual maturation and mating. Biological Control, 2007, 43, 278-286.	3.0	16

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37	Identification of Orius spp. (Hemiptera: Anthocoridae) in vegetable crops using molecular techniques. Biological Control, 2013, 67, 440-445.	3.0	16
38	Can semiochemicals attract both western flower thrips and their anthocorid predators?. Entomologia Experimentalis Et Applicata, 2015, 155, 54-63.	1.4	15
39	Survey of Trogoderma spp. in Spanish mills and warehouses. Journal of Stored Products Research, 2020, 88, 101661.	2.6	15
40	Biological control of Callosobruchus chinensis (Coleoptera: Chrysomelidae) in stored chickpeas through the release of natural enemies. Biological Control, 2020, 149, 104322.	3.0	15
41	Cuticular hydrocarbons discriminate cryptic Macrolophus species (Hemiptera: Miridae). Bulletin of Entomological Research, 2012, 102, 624-631.	1.0	14
42	The toxicity effects of atmospheres with high content of carbon dioxide with addition of sulphur dioxide on two stored-product pest species: Sitophilus oryzae and Tribolium confusum. Journal of Stored Products Research, 2014, 57, 58-62.	2.6	14
43	Neozygites parvispora(Zygomycotina: Entomophthorales) Causing an Epizootic inFrankliniella occidentalis(Thysanoptera: Thripidae) on Cucumber in Spain. Journal of Invertebrate Pathology, 1998, 71, 165-168.	3.2	11
44	Sampling arthropod pests and natural enemies in stored barley. Journal of Stored Products Research, 2015, 64, 54-61.	2.6	11
45	Parasitism of single or combined pyralid populations by Venturia canescens and Habrobracon hebetor in laboratory and storeroom conditions. Journal of Pest Science, 2018, 91, 1421-1428.	3.7	10
46	Biological control of Acanthoscelides obtectus and Zabrotes subfasciatus in stored dried beans. BioControl, 2020, 65, 693-701.	2.0	10
47	Control of Rhyzopertha dominica and Sitophilus zeamais in stored rice with different release rates of the larval parasitoid Anisopteromalus calandrae. Entomologia Generalis, 2020, 40, 323-330.	3.1	10
48	Development of a PCRâ€based method to monitor arthropod dispersal in agroecosystems: Macrolophus pygmaeus (Hemiptera: Miridae) from banker plants to tomato crops. Insect Science, 2020, 27, 1125-1134.	3.0	9
49	Development of a multiprimer metabarcoding approach to understanding trophic interactions in agroecosystems. Insect Science, 2022, 29, 1195-1210.	3.0	9
50	Comparative cytogenetic study of three Macrolophus species (Heteroptera, Miridae). Comparative Cytogenetics, 2015, 9, 613-623.	0.8	8
51	Encapsulated Essential Oils as an Alternative to Insecticides in Funnel Traps. Journal of Economic Entomology, 2015, 108, 2117-2120.	1.8	7
52	Molecular tracking of arthropod predatorâ€“prey interactions in Mediterranean lettuce crops. Food Webs, 2016, 9, 18-24.	1.2	7
53	Predation by Macrolophus pygmaeus (Hemiptera: Miridae) on Acyrthosiphon pisum (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock Entomology, 0, 113, 37-43.	1.2	7
54	Effects of founder population size on the performance of Orius laevigatus (Hemiptera: Anthocoridae) colonies. Biological Control, 2014, 69, 107-112.	3.0	5

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55	Susceptibility of Rhyzopertha dominica to high CO2 modified atmospheres in packaged chickpeas. Journal of Stored Products Research, 2020, 85, 101537.	2.6	5
56	Molecular tracking of insect dispersal to verify arthropod predator movement from an alfalfa field to a peach orchard. Biological Control, 2021, 158, 104506.	3.0	5
57	Elliptic Fourier Analysis in the Study of the Male Genitalia to Discriminate Three Macrolophus Species (Hemiptera: Miridae). Insects, 2017, 8, 120.	2.2	4
58	Sorption of carbon dioxide by chickpeas packaged in modified atmospheres. Journal of Stored Products Research, 2019, 83, 54-60.	2.6	4
59	Modelling Processes and Products in the Cereal Chain. Foods, 2021, 10, 82.	4.3	4
60	Releases of the parasitoid Anisopteromalus calandrae (Hymenoptera: Pteromalidae) can control Sitophilus zeamais (Coleoptera: Curculionidae) in big bags of paddy rice. Biological Control, 2021, 163, 104752.	3.0	4
61	Tomatoes. , 2020, , 487-511.		4
62	Short communication: Efficacy of a non-pheromone semiochemical for trapping of western flower thrips in the presence of competing plant volatiles in a nectarine orchard. Spanish Journal of Agricultural Research, 2018, 16, e10SC01.	0.6	4
63	AvaliaÃ§Ã£o de substratos de oviposiÃ§Ã£o para Orius insidiosus (Say) (Hemiptera, Anthocoridae). Revista Brasileira De Entomologia, 2010, 54, 115-119.	0.4	3
64	Egg detection in females of the polyphagous predator Macrolophus pygmaeus (Heteroptera: Miridae) by serological techniques. Journal of Pest Science, 2011, 84, 1-8.	3.7	3
65	Host selection by the autoparasitoid Encarsia pergandiella on primary (Bemisia tabaci) and secondary (Eretmocerus mundus) hosts. Insect Science, 2015, 22, 793-802.	3.0	3
66	Effects of Chilling of Bemisia argentifolii (Homoptera: Aleyrodidae) Infesting Cabbage. Journal of Entomological Science, 1996, 31, 39-51.	0.3	2
67	Effect of packaging chickpeas with CO2 modified atmospheres on mortality of Callosobruchus chinensis (Coleoptera: Chrysomelidae). Journal of Stored Products Research, 2021, 94, 101894.	2.6	2