Blas Lavandero

List of Publications by Year
in descending order

50 papers	1,499 citations	471371 17 h-index	330025 37 g-index
51 all docs	51 docs citations	51 times ranked	1684 citing authors

#	ARTICLE	IF	CITATIONS
1	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7863-E7870.	3.3	401
2	Increasing floral diversity for selective enhancement of biological control agents: A double-edged sward?. Basic and Applied Ecology, 2006, 7, 236-243.	1.2	160
3	Enhancing the effectiveness of the parasitoid Diadegma semiclausum (Helen): Movement after use of nectar in the field. Biological Control, 2005, 34, 152-158.	1.4	149
4	The need for effective marking and tracking techniques for monitoring the movements of insect predators and parasitoids. International Journal of Pest Management, 2004, 50, 147-151.	0.9	72
5	Diversity, frequency, and geographic distribution of facultative bacterial endosymbionts in introduced aphid pests. Insect Science, 2017, 24, 511-521.	1.5	53
6	Population Genetic Structure of Codling Moth (Lepidoptera: Tortricidae) from Apple Orchards in Central Chile. Journal of Economic Entomology, 2008, 101, 190-198.	0.8	51
7	Temporal variability of aphid biological control in contrasting landscape contexts. Biological Control, 2015, 90, 148-156.	1.4	44
8	Adaptive evolution of a generalist parasitoid: implications for the effectiveness of biological control agents. Evolutionary Applications, 2013, 6, 983-999.	1.5	43
9	Aphid parasitoid generalism: development, assessment, and implications for biocontrol. Journal of Pest Science, 2016, 89, 7-20.	1.9	28
10	Population Genetic Structure of Codling Moth (Lepidoptera: Tortricidae) from Apple Orchards in Central Chile. Journal of Economic Entomology, 2008, 101, 190-198.	0.8	28
11	Coevolution and the adaptive value of autumn tree colours: colour preference and growth rates of a southern beech aphid. Journal of Evolutionary Biology, 2008, 21, 49-56.	0.8	26
12	Genetic structure of highland papayas (Vasconcellea pubescens (LennÃ© et C. Koch) Badillo) cultivated along a geographic gradient in Chile as revealed by Inter Simple Sequence Repeats (ISSR). Genetic Resources and Crop Evolution, 2009, 56, 331-337.	0.8	26
13	Bird-mediated effects of pest control services on crop productivity: a global synthesis. Journal of Pest Science, 2022, 95, 567-576.	1.9	24
14	Genotype matching in a parasitoidâ€“host genotypic food web: an approach for measuring effects of environmental change. Molecular Ecology, 2013, 22, 229-238.	2.0	23
15	Landscape composition modulates population genetic structure of<i>Eriosoma lanigerum</i>(Hausmann) on<i>Malus domestica</i>Borkh in central Chile. Bulletin of Entomological Research, 2009, 99, 97-105.	0.5	21
16	Estimating Gene Flow between Refuges and Crops: A Case Study of the Biological Control of Eriosoma lanigerum by Aphelinus mali in Apple Orchards. PLoS ONE, 2011, 6, e26694.	1.1	21
17	The effect of landscape context on the biological control of Sitobion avenae: temporal partitioning response of natural enemy guilds. Journal of Pest Science, 2018, 91, 41-53.	1.9	21
18	Manipulation of Agricultural Habitats to Improve Conservation Biological Control in South America. Neotropical Entomology, 2019, 48, 875-898.	0.5	20

#	Article	IF	Citations
19	Signatures of genetic bottleneck and differentiation after the introduction of an exotic parasitoid for classical biological control. Biological Invasions, 2016, 18, 565-581.	1.2	18
20	Low bacterial community diversity in two introduced aphid pests revealed with 16S rRNA amplicon sequencing. PeerJ, 2018, 6, e4725.	0.9	17
21	Does sexâ€biased dispersal account for the lack of geographic and hostâ€associated differentiation in introduced populations of an aphid parasitoid?. Ecology and Evolution, 2015, 5, 2149-2161.	0.8	16
22	Host genotypeâ€“endosymbiont associations and their relationship with aphid parasitism at the field level. Ecological Entomology, 2017, 42, 86-95.	1.1	16
23	Migration of coccinellids to alfalfa fields with varying adjacent vegetation in Central Chile. Ciencia E Investigacion Agraria, 2010, 37, .	0.2	15
24	Species richness of herbivorous insects on Nothofagus trees in South America and New Zealand: The importance of chemical attributes of the host. Basic and Applied Ecology, 2009, 10, 10-18.	1.2	14
25	Intraguild predation is independent of landscape context and does not affect the temporal dynamics of aphids in cereal fields. Journal of Pest Science, 2020, 93, 235-249.	1.9	14
26	Genetic variability and structure of Gomortega keule (Molina) Baillon (Gomortegaceae) relict populations: geographical and genetic fragmentation and its implications for conservation. Botany, 2008, 86, 1299-1310.	0.5	12
27	Genetic Structure of the Aphid,<i>Chaetosiphon fragaefolii</i>, and Its Role as a Vector of the<i>Strawberry yellow edge virus</i>to a Native Strawberry,<i>Fragaria chiloensis</i>in Chile. Journal of Insect Science, 2012, 12, 1-13.	0.9	12
28	Host acceptance behavior of the parasitoid Aphelinus mali and its aphid-host Eriosoma lanigerum on two Rosaceae plant species. Journal of Pest Science, 2013, 86, 659-667.	1.9	12
29	Do hedgerows influence the natural biological control of woolly apple aphids in orchards?. Journal of Pest Science, 2020, 93, 219-234.	1.9	12
30	Overwintering strategies and life-history traits of different populations of Aphidius platensis along a latitudinal gradient in Chile. Entomologia Generalis, 2022, 42, 127-145.	1.1	12
31	Aphid honeydew may be the predominant sugar source for Aphidius parasitoids even in nectar-providing intercrops. Biological Control, 2021, 158, 104596.	1.4	11
32	Expression differences in Aphidius ervi (Hymenoptera: Braconidae) females reared on different aphid host species. PeerJ, 2017, 5, e3640.	0.9	11
33	Movement between crops and weeds: temporal refuges for aphidophagous insects in Central Chile. Ciencia E Investigacion Agraria, 2013, 40, 317-326.	0.2	10
34	The use of cavity-nesting wild birds as agents of biological control in vineyards of Central Chile. Agriculture, Ecosystems and Environment, 2022, 334, 107975.	2.5	9
35	Measuring Local Genetic Variability in Populations of Codling Moth (Lepidoptera: Tortricidae) Across an Unmanaged and Commercial Orchard Interface. Environmental Entomology, 2014, 43, 520-527.	0.7	8
36	Interspecific competition among aphid parasitoids: molecular approaches reveal preferential exploitation of parasitized hosts. Scientific Reports, 2019, 9, 19641.	1.6	8

#	Article	IF	Citations
37	Suitability and Profitability of a Cereal Aphid for the Parasitoid Aphidius platensis in the Context of Conservation Biological Control of Myzus persicae in Orchards. Insects, 2020, 11, 381.	1.0	8
38	Isolation and characterization of microsatellite loci from the woolly apple aphid <i>Eriosoma lanigerum</i> (Hemiptera: Aphididae: Eriosomatinae). Molecular Ecology Resources, 2009, 9, 302-304.	2.2	6
39	Altitudinal Zonation of Aphid Parasitoids (Hymenoptera: Braconidae: Aphidiinae) in the Neotropical Region. Entomological News, 2014, 124, 86-97.	0.1	5
40	Forest fragmentation may endanger a plantâ€insect interaction: the case of the highly specialist native aphid <i>Neuquenaphis staryi</i> in Chile. Insect Conservation and Diversity, 2018, 11, 352-362.	1.4	5
41	Population Genetic Structure of Codling Moth, Cydia pomonella (L.) (Lepidoptera: Tortricidae), in Different Localities and Host Plants in Chile. Insects, 2020, 11, 285.	1.0	5
42	Isolation and characterization of nine microsatellite loci from <i>Aphelinus mali</i> (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 549-552.	1.5	4
43	Providing Alternative Hosts and Nectar to Aphid Parasitoids in a Plum Orchard to Determine Resource Complementarity and Distance Range Effect on Biological Control. Agronomy, 2022, 12, 77.	1.3	4
44	Effect of a cover crop on the aphid incidence is not explained by increased top-down regulation. PeerJ, 0, 10, e13299.	0.9	4
45	Body mass and wing geometric morphology of the codling moth (Lepidoptera: Tortricidae) according to sex, location and host plant in the region of Maule, Chile. Ciencia E Investigacion Agraria, 2015, 42, 8-8.	0.2	3
46	Inferring insect feeding patterns from sugar profiles: a comparison of statistical methods. Ecological Entomology, 2021, 46, 19-32.	1.1	3
47	Effect of the Genotypic Variation of an Aphid Host on the Endosymbiont Associations in Natural Host Populations. Insects, 2021, 12, 217.	1.0	3
48	Abundancia y prevalencia de Aphidius avenae (Hymenoptera: Braconidae: Aphidiinae) en Chile. Ciencia E Investigacion Agraria, 2017, 44, 207-214.	0.2	3
49	Morphological variation of<i>Aphidius ervi</i>Haliday (Hymenoptera: Braconidae) associated with different aphid hosts. PeerJ, 2017, 5, e3559.	0.9	2
50	The Host-Plant Origin Affects the Morphological Traits and the Reproductive Behavior of the Aphid Parasitoid Aphelinus mali. Agronomy, 2022, 12, 101.	1.3	1