

Luis Amilton A Foerster

List of Publications by Year in descending order

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72
papers

730
citations

623734

14
h-index

713466

21
g-index

73
all docs

73
docs citations

73
times ranked

638
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold storage of the egg parasitoids <i>Trissolcus basalis</i> (Wollaston) and <i>Telenomus podisi</i> Ashmead (Hymenoptera: Scelionidae). <i>Biological Control</i> , 2006, 36, 232-237.	3.0	52
2	<i>Tuta absoluta</i> (Lepidoptera: Gelechiidae): Thermal requirements and effect of temperature on development, survival, reproduction and longevity. <i>European Journal of Entomology</i> , 2015, 112, 658-663.	1.2	39
3	Emergence, longevity and fecundity of <i>Trissolcus basalis</i> and <i>Telenomus podisi</i> after cold storage in the pupal stage. <i>Pesquisa Agropecuaria Brasileira</i> , 2004, 39, 841-845.	0.9	34
4	Effects of temperature on the immature development and emergence of five species of <i>Trichogramma</i> . <i>BioControl</i> , 2009, 54, 445-450.	2.0	33
5	Performance of Southern Green Stink Bug (Heteroptera: Pentatomidae) Nymphs and Adults on a Novel Food Plant (Japanese Privet) and Other Hosts. <i>Annals of the Entomological Society of America</i> , 1996, 89, 822-827.	2.5	27
6	Ovicidal effect of the essential oils from 18 Brazilian <i>Piper</i> species: controlling <i>Anticarsia gemmatilis</i> (Lepidoptera, Erebidæ) at the initial stage of development. <i>Acta Scientiarum - Agronomy</i> , 2018, 40, .	0.6	25
7	How <i>Trichogramma</i> survives during soybean offseason in Southern Brazil and the implications for its success as a biocontrol agent. <i>BioControl</i> , 2015, 60, 1-11.	2.0	19
8	Toxicity of essential oils from leaves of Piperaceae species in rice stalk stink bug eggs, <i>Tibraca limbativentris</i> (Hemiptera: Pentatomidae). <i>Ciencia E Agrotecnologia</i> , 2016, 40, 676-687.	1.5	19
9	Biotic factors are more important than abiotic factors in regulating the abundance of <i>Plutella xylostella</i> L., in Southern Brazil. <i>Revista Brasileira De Entomologia</i> , 2016, 60, 328-333.	0.4	19
10	Estimating the development rate of the tomato leaf miner, <i>Tuta absoluta</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	3.4	19
11	Modelling reproduction of <i>Plutella xylostella</i> L. (Lepidoptera: Plutellidae): climate change may modify pest incidence levels. <i>Bulletin of Entomological Research</i> , 2012, 102, 489-496.	1.0	18
12	Efeito da alternância de temperaturas no desenvolvimento e emergência de <i>Trissolcus basalis</i> (Wollaston) e <i>Telenomus podisi</i> Ashmead (Hymenoptera: Scelionidae). <i>Neotropical Entomology</i> , 2001, 30, 269-275.	1.2	18
13	Biology and reproductive capacity of <i>Spodoptera eridania</i> (Cramer) (Lepidoptera, Noctuidae) in different soybean cultivars. <i>Revista Brasileira De Entomologia</i> , 2015, 59, 89-95.	0.4	17
14	Morphological and chemical characteristics of onion plants (<i>Allium cepa</i> L.) associated with resistance to onion thrips. <i>Acta Scientiarum - Agronomy</i> , 2015, 37, 85.	0.6	17
15	Efeito da estocagem em baixa temperatura na capacidade reprodutiva e longevidade de <i>Trissolcus basalis</i> (Wollaston) e <i>Telenomus podisi</i> Ashmead (Hymenoptera: Scelionidae). <i>Neotropical Entomology</i> , 2002, 31, 115-120.	1.2	16
16	Temperature Effects on the Development and Reproduction of Three <i>Trichogramma</i> (Hymenoptera: Trichogrammatidae) Species Reared on <i>Trichoplusia ni</i> (Lepidoptera: Noctuidae) Eggs. <i>Journal of Insect Science</i> , 2015, 15, 90.	1.5	15
17	Integrative taxonomy and phylogeography of <i>Telenomus remus</i> (Scelionidae), with the first record of natural parasitism of <i>Spodoptera</i> spp. in Brazil. <i>Scientific Reports</i> , 2021, 11, 14110.	3.3	15
18	Egg parasitoids of <i>Anticarsia gemmatilis</i> (Lepidoptera: Noctuidae) in soybeans. <i>Neotropical Entomology</i> , 1999, 28, 545-548.	0.2	14

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19	Incidência natural de parasitismo em ovos de pentatomídeos da soja no centro-sul do Paraná. <i>Neotropical Entomology</i> , 1990, 19, 221-232.	0.2	14
20	Incidência natural e biologia de <i>Trichogramma atopovirilia</i> Oatman & Platner, 1983 (Hymenoptera.) <i>Revista Brasileira De Entomologia</i> , 2003, 47, 201-204.	0.4	13
21	Development, reproduction, and longevity of <i>Telenomus cyamophylax</i> , egg parasitoid of the velvetbean caterpillar <i>Anticarsia gemmatalis</i> , in relation to temperature. <i>Biological Control</i> , 2004, 29, 1-4.	3.0	13
22	Performance of the Wheat Armyworm, <i>Pseudaletia sequax</i> Franclemont, on Natural and Artificial Diets. <i>Neotropical Entomology</i> , 2012, 41, 288-295.	1.2	13
23	Thermal Requirements, Fertility, and Number of Generations of <i>Neoleucinodes elegantalis</i> (Guenée) (Lepidoptera: Crambidae). <i>Neotropical Entomology</i> , 2015, 44, 338-344.	1.2	13
24	Efeito da temperatura no desenvolvimento das fases imaturas de <i>Pseudaletia sequax</i> Franclemont (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 1996, 25, 27-32.	0.2	13
25	Effects of adult-derived carbohydrates and amino acids on the reproduction of <i>Plutella xylostella</i> . <i>Physiological Entomology</i> , 2013, 38, 13-19.	1.5	12
26	<i>Hypatropis inermis</i> (Hemiptera, Pentatomidae): first record on rice crops. <i>Revista Brasileira De Entomologia</i> , 2015, 59, 12-13.	0.4	12
27	Natural parasitism in eggs of <i>Anticarsia gemmatalis</i> (Lepidoptera, Noctuidae) by <i>Trichogramma</i> spp. (Hymenoptera, Trichogrammatidae) in Brazil. <i>Revista Brasileira De Entomologia</i> , 2005, 49, 148-151.	0.4	11
28	Importance of carbohydrate sources to the reproductive output of the wheat armyworm <i>Pseudaletia sequax</i> . <i>Agricultural and Forest Entomology</i> , 2012, 14, 29-35.	1.3	11
29	<i>Telenomus cyamophylax</i> n. sp. (Hymenoptera: Scelionidae) attacking eggs of the velvetbean caterpillar, <i>Anticarsia gemmatalis</i> (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 1997, 26, 177-181.	0.2	11
30	Storage of Pentatomid Eggs in Liquid Nitrogen and Dormancy of <i>Trissolcus basalis</i> (Wollaston) and <i>Telenomus podisi</i> Ashmead (Hymenoptera: Platygasteridae) Adults as a Method of Mass Production. <i>Neotropical Entomology</i> , 2013, 42, 534-538.	1.2	10
31	Quantitative and qualitative damage caused by <i>Oebalus poecilus</i> (Hemiptera, Pentatomidae) to upland rice cultivated in new agricultural frontier of the Amazon rainforest (Brazil). <i>Ciencia E Agrotecnologia</i> , 2017, 41, 300-311.	1.5	10
32	A stochastic model for predicting the stage emergence of <i>Plutella xylostella</i> under field conditions. <i>Annals of Applied Biology</i> , 2016, 169, 190-199.	2.5	9
33	Temperature-Dependent Parasitism, Survival, and Longevity of Five Species of <i>Trichogramma</i> Westwood (Hymenoptera: Trichogrammatidae) Associated with <i>Anticarsia gemmatalis</i> (Lepidoptera:) <i>Biological Control</i> , 2016, 61, 497-505.	2.0	8
34	Mass production of <i>Trichogramma</i> spp. using <i>Mythimna sequax</i> eggs stored in liquid nitrogen. <i>Biological Control</i> , 2016, 61, 497-505.	2.0	8
35	Selective polarity- and adsorption-guided extraction/purification of <i>Annona</i> sp. Polar acetogenins and biological assay against agricultural pests. <i>Applied Biochemistry and Biotechnology</i> , 1998, 70-72, 67-76.	2.9	7
36	<i>Annona crassiflora</i> Mart. (Annonaceae): effect of crude extract of seeds on larvae of soybean looper <i>Chrysodeixis includens</i> (Lepidoptera: Noctuidae). <i>Bragantia</i> , 2017, 76, 398-405.	1.3	7

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37	Development of <i>Cleruchoides noackae</i> , an egg-parasitoid of <i>Thaumastocoris peregrinus</i> , in eggs laid on different substrates, with different ages and post-cold storage. <i>BioControl</i> , 2018, 63, 193-202.	2.0	7
38	First record of <i>Cotesia scotti</i> () (Hymenoptera: Braconidae: Microgastrinae) comb. nov. parasitising <i>Spodoptera cosmioides</i> (Walk, 1858) and <i>Spodoptera eridania</i> (Stoll, 1782) (Lepidoptera: Noctuidae) in Brazil. <i>Revista Brasileira De Entomologia</i> , 2019, 63, 238-244.	0.4	7
39	Efeito do parasitismo por <i>Glyptapanteles muesebecki</i> (Blanchard) no consumo e utilizaçãõ do alimento por <i>Pseudaletia sequax</i> Franclemont. <i>Neotropical Entomology</i> , 1998, 27, 255-264.	0.2	6
40	Reports of new wing color polymorphism and taxonomic information to cercopids (Auchenorrhyncha: Cercopidae) from upland rice crop, Pará State, Brazil. <i>Brazilian Journal of Biology</i> , 2018, 78, 728-735.	0.9	6
41	Capacidade reprodutiva e longevidade de <i>Glyptapanteles muesebecki</i> (Blanchard) (Hymenoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Neotropical Entomology</i> , 1999, 28, 485-490.	0.2	6
42	Distribution and loss of phorate residues in the foliage of broad bean plants following root uptake of ¹⁴ C-labelled phorate. <i>Pest Management Science</i> , 1976, 7, 301-306.	0.4	5
43	Preliminary studies of enhanced contrast radiography in anatomy and embryology of insects with Elettra synchrotron light. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 548, 207-212.	1.6	5
44	Preferenceâ€™performance linkage in the diamondback moth, <i>Plutella xylostella</i> , and implications for its management. <i>Journal of Insect Science</i> , 2014, 14, 85.	1.5	5
45	Assessing the Total Mortality Caused by Two Species of <i>Trichogramma</i> on Its Natural Host <i>Plutella xylostella</i> (L.) at Different Temperatures. <i>Neotropical Entomology</i> , 2015, 44, 270-277.	1.2	5
46	<i>Annona mucosa</i> Jacq. (Annonaceae): A Promising Phytoinsecticide for the Control of <i>Chrysodeixis includens</i> (Walker) (Lepidoptera: Noctuidae). <i>Journal of Entomology</i> , 2016, 13, 132-140.	0.2	5
47	Reliability of Degree-Day Models to Predict the Development Time of <i>Plutella xylostella</i> (L.) under Field Conditions. <i>Neotropical Entomology</i> , 2015, 44, 574-579.	1.2	4
48	First records of <i>Leucania rawlini</i> Adams and <i>L. senescens</i> MÃ¶rschler (Lepidoptera: Noctuidae) in Brazil: redescription, potential association with Bt maize, larval parasitoids, and spatial and temporal distribution. <i>Zootaxa</i> , 2019, 4604, 441.	0.5	4
49	An Integrative Taxonomy of a New Species of <i>Trichogramma</i> Westwood (Hymenoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	1.2	4
50	Movement of phorate and metabolites from treated leaflets to aphid colonies on broad bean plants. <i>Pest Management Science</i> , 1976, 7, 436-440.	0.4	3
51	External and internal structure of weevils (Insecta: Coleoptera) investigated with phase-contrast X-ray imaging. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 620, 589-593.	1.6	3
52	Preferenceâ€™Performance Linkage in the Diamondback Moth, <i>Plutella xylostella</i> , and Implications for Its Management. <i>Journal of Insect Science</i> , 2014, 14, 1-14.	1.5	3
53	First phytochemical description of essential oils from <i>Piper cachimboense</i> (Piperales, Piperaceae). <i>Acta Amazonica</i> , 2018, 48, 70-74.	0.7	3
54	Influence of biotic and abiotic factors on the population fluctuation of <i>Tuta absoluta</i> (Lepidoptera:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 199-208.	1.0	3

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55	Toxicity and residual control of <i>Plutella xylostella</i> L. (Lepidoptera: Plutellidae) with <i>Bacillus thuringiensis</i> Berliner and insecticides. <i>Ciencia Rural</i> , 2012, 42, 1335-1340.	0.5	3
56	Host Instar Preference of <i>Peleteria robusta</i> (Wiedman) (Diptera: Tachinidae) and Development in Relation to Temperature. <i>Neotropical Entomology</i> , 2002, 31, 405-409.	1.2	2
57	Reproductive biology and longevity of <i>Euplectrus ronnai</i> (BrÃthes) (Hymenoptera: Eulophidae). <i>Neotropical Entomology</i> , 2003, 32, 481-485.	1.2	2
58	First record of <i>Peridroma saucia</i> HÃ¼bner (Lepidoptera: Noctuidae) in transgenic soybeans. <i>Revista Brasileira De Entomologia</i> , 2019, 63, 199-201.	0.4	2
59	Genome Analysis of Entomopathogenic <i>Bacillus</i> sp. ABP14 Isolated from a Lignocellulosic Compost. <i>Genome Biology and Evolution</i> , 2019, 11, 1658-1662.	2.5	2
60	Simulated attack of defoliating insects on upland rice cultivated in new agricultural frontier from amazon rainforest region (Brazil) and its effect on grain production. <i>Bioscience Journal</i> , 0, , 95-104.	0.4	2
61	The potential of <i>Mythimna sequax</i> Franclemont eggs for the production of <i>Trichogramma</i> spp. after cryopreservation in liquid nitrogen. <i>Revista Ciencia Agronomica</i> , 2018, 49, .	0.3	2
62	Effect of temperature on the development and progeny production of <i>Glyptapanteles mueesebecki</i> (Blanchard) (Hymenoptera: Braconidae) parasitizing larvae of <i>Pseudaletia sequax</i> Franclemont (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 1999, 28, 243-249.	0.2	2
63	Ciclo evolutivo e preferÃªncia para oviposiÃ§Ã£o de <i>Apanteles mueesebecki</i> Blanchard, 1947 (Hymenoptera,) <i>Tj ETQq1 1 0.784314 rgB Entomology</i> , 1986, 15, 371-378.	0.2	2
64	Phorate residues in aphid colonies on broad bean plants in relation to the site of application. <i>Pest Management Science</i> , 1976, 7, 549-552.	0.4	1
65	Evaluation of Leaf Consumption and Determination of Economic Injury Level Caused by <i>Plutella xylostella</i> (L.) (Lepidoptera: Plutellidae) in <i>Brassica oleracea</i> var. <i>acephala</i> (Brassicales: Brassicaceae). <i>Journal of Economic Entomology</i> , 2019, 112, 1805-1811.	1.8	1
66	Development and survival of <i>Neoleucinodes elegantalis</i> (Lepidoptera: Crambidae) on wild and cultivated solanaceae. <i>Revista Brasileira De Entomologia</i> , 2021, 65, .	0.4	1
67	The prospects for cryopreservation of noctuid eggs in the mass production of <i>Trichogramma</i> spp.. <i>BioControl</i> , 2021, 66, 753-764.	2.0	1
68	POTENTIAL OF MAIZE, MILLET AND RATTLEBOX TO BREAK THE CYCLE OF ?????????? ?????????? (CRAMER) (LEPIDOPTERA: NOCTUIDAE). BRAZILIAN JOURNAL of AGRICULTURE - <i>Revista De Agricultura</i> , 2021, 96, 339-354.	0.1	0
69	OVIPOSITION PREFERENCE OF ?????????? ?????????? (Lepidoptera: Plutellidae) AND PARASITISM BY ?????????????? ?????????? (Hymenoptera: Trichogrammatidae) IN COLLARD GREEN. BRAZILIAN JOURNAL of AGRICULTURE - <i>Revista De Agricultura</i> , 2021, 96, 408-424.	0.1	0
70	Strains of <i>Spodoptera frugiperda</i> (J.E.Smith) (Noctuidae) in the states of ParanÃ¡ and SÃ£o Paulo, Brazil. <i>EntomoBrasilis</i> , 0, 13, e0854.	0.2	0
71	FlutuaÃ§Ã£o Populacional de <i>Diclidophlebia</i> sp. (Hemiptera: Psyllidae) em <i>Miconia sellowiana</i> Naudin 1851 (Melastomataceae) em Curitiba, ParanÃ¡. <i>Ensaios E CiÃªncia</i> (impresso), 2020, 24, 381-385.	0.1	0
72	Checklist of jumping plant-lice (Hemiptera, Sternorrhyncha, Psyllidae) from Mato Grosso, Brazil. <i>Ciencia Florestal</i> , 2020, 30, 873-884.	0.3	0