

Alexandre Specht

List of Publications by Year in descending order

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106
papers

1,951
citations

430874

18
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330143

37
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108
all docs

108
docs citations

108
times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	Host Plants of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in the Americas. African Entomology, 2018, 26, 286-300.	0.6	659
2	Identificação morfológica e molecular de <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) e ampliação de seu registro de ocorrência no Brasil. Pesquisa Agropecuária Brasileira, 2013, 48, 689-692.	0.9	77
3	Adaptive Introgression across Semipermeable Species Boundaries between Local <i>Helicoverpa zea</i> and Invasive <i>Helicoverpa armigera</i> Moths. Molecular Biology and Evolution, 2020, 37, 2568-2583.	8.9	64
4	Timeline and geographical distribution of <i>Helicoverpa armigera</i> (Lepidoptera, Noctuidae): Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	57
5	Host plants of <i>Chrysodeixis includens</i> (Walker) (Lepidoptera, Noctuidae, Plusiinae). Revista Brasileira De Entomologia, 2015, 59, 343-345.	0.4	51
6	<i>Metarhizium</i> (<i>Nomuraea</i>) <i>rileyi</i> as biological control agent. Biocontrol Science and Technology, 2017, 27, 1243-1264.	1.3	40
7	Immature Stages of <i>Spodoptera eridania</i> (Lepidoptera: Noctuidae): Developmental Parameters and Host Plants. Journal of Insect Science, 2014, 14, .	1.5	38
8	High susceptibility and low resistance allele frequency of <i>Chrysodeixis includens</i> (Lepidoptera): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1578-1584.	3.4	30
9	Assessing insect biodiversity with automatic light traps in Brazil: Pearls and pitfalls of metabarcoding samples in preservative ethanol. Ecology and Evolution, 2020, 10, 2352-2366.	1.9	28
10	Noctuádeos (Lepidoptera, Noctuidae) coletados em quatro Áreas Estaduais de Conservação do Rio Grande do Sul, Brasil. Revista Brasileira De Entomologia, 2005, 49, 130-140.	0.4	28
11	Immature stages of <i>Spodoptera albula</i> (Walker) (Lepidoptera: Noctuidae): Developmental parameters and host plants. Anais Da Academia Brasileira De Ciencias, 2013, 85, 271-284.	0.8	27
12	Interseasonal variation of <i>Chrysodeixis includens</i> (Walker, [1858]) (Lepidoptera: Noctuidae) populations in the Brazilian Savanna. Revista Brasileira De Entomologia, 2017, 61, 294-299.	0.4	26
13	Diversidade dos noctuádeos (Lepidoptera, Noctuidae) em Salvador do Sul, Rio Grande do Sul, Brasil. Revista Brasileira De Zoologia, 2002, 19, 281-298.	0.5	26
14	Vertical and temporal variability in the probability of detection of fruit-feeding butterflies and moths (Lepidoptera) in tropical forest. Austral Entomology, 2016, 55, 112-120.	1.4	25
15	Noctuidae moths occurring in grape orchards in Serra Gaúcha, Brazil and their relation to fruit-piercing. Revista Brasileira De Entomologia, 2010, 54, 288-297.	0.4	24
16	Biotic potential and reproductive parameters of <i>Spodoptera eridania</i> (Stoll) (Lepidoptera, Noctuidae) in the laboratory. Revista Brasileira De Entomologia, 2013, 57, 340-345.	0.4	24
17	Lepidoptera (Insecta) associated with soybean in Argentina, Brazil, Chile and Uruguay. Ciencia Rural, 2015, 45, 2113-2120.	0.5	23
18	Morphological Characterization of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.2	23

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19	Proboscis Morphology and Its Relationship to Feeding Habits in Noctuid Moths. <i>Journal of Insect Science</i> , 2011, 11, 1-10.	1.5	21
20	Biotic potential, fertility and life table of <i>Spodoptera albula</i> (Walker) (Lepidoptera: Noctuidae), under controlled conditions. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 723-732.	0.8	20
21	Battle in the New World: <i>Helicoverpa armigera</i> versus <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae). <i>PLoS ONE</i> , 2016, 11, e0167182.	2.5	20
22	Developmental Parameters of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) Immature Stages Under Controlled and Standardized Conditions. <i>Journal of Agricultural Science</i> , 2019, 11, 76.	0.2	20
23	Antifeedant activity and effects of fruits and seeds extracts of <i>Cabralea canjerana canjerana</i> (Vell.) Mart. (Meliaceae) on the immature stages of the fall armyworm <i>Spodoptera frugiperda</i> (JE Smith) (Lepidoptera: Noctuidae). <i>Industrial Crops and Products</i> , 2015, 65, 150-158.	5.2	19
24	Biologia de <i>Hylesia nigricans</i> (Berg) (Lepidoptera, Saturniidae, Hemileucinae). <i>Revista Brasileira De Zoologia</i> , 2006, 23, 248-255.	0.5	19
25	Estágios imaturos de <i>Spodoptera cosmioides</i> (Walker) (Lepidoptera, Noctuidae). <i>Revista Brasileira De Zoologia</i> , 2007, 24, 99-107.	0.5	19
26	<i>Bacillus thuringiensis</i> isolates entomopathogenic for <i>Culex quinquefasciatus</i> (Diptera: Culicidae) and <i>Anticarsia gemmatalis</i> (Lepidoptera: Noctuidae). <i>Brazilian Journal of Biology</i> , 2010, 70, 1039-1046.	0.9	18
27	Reproductive potential of <i>Spodoptera eridania</i> (Stoll) (Lepidoptera: Noctuidae) in the laboratory: effect of multiple couples and the size. <i>Brazilian Journal of Biology</i> , 2016, 76, 526-530.	0.9	18
28	Morphological and Molecular Characterization of the Eggs of Some Noctuid Species Associated with Soybean in Brazil. <i>Annals of the Entomological Society of America</i> , 2013, 106, 643-651.	2.5	17
29	Important pest species of the <i>Spodoptera</i> complex: Biology, thermal requirements and ecological zoning. <i>Journal of Pest Science</i> , 2022, 95, 169-186.	3.7	17
30	Biotic Potential and Life Table of <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae) from Three Brazilian Regions. <i>Neotropical Entomology</i> , 2018, 47, 344-351.	1.2	16
31	Immature stages of <i>Spodoptera cosmioides</i> (Lepidoptera: Noctuidae): developmental parameters and host plants. <i>Zoologia</i> , 2016, 33, .	0.5	15
32	Role of nutritional composition in the development and survival of <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae) on artificial diet and natural hosts. <i>Bulletin of Entomological Research</i> , 2021, 111, 257-269.	1.0	15
33	Biological aspects of <i>Hylesia metapyrrha</i> (Lepidoptera; Saturniidae; Hemileucinae), in laboratory. <i>Brazilian Journal of Biology</i> , 2007, 67, 173-177.	0.9	14
34	Life cycle of <i>Agrotis malefida</i> (Lepidoptera: Noctuidae): a diapausing cutworm. <i>Zoologia</i> , 2013, 30, 371-378.	0.5	14
35	Biotic Potential and Life Tables of <i>Chrysodeixis includens</i> (Lepidoptera: Noctuidae), <i>Rachiplusia nu</i> , and <i>Trichoplusia ni</i> on Soybean and Forage Turnip. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	14
36	<i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae) in Brazil: the Big Outbreak Monitored by Light Traps. <i>Neotropical Entomology</i> , 2021, 50, 53-67.	1.2	14

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37	Arctiinae (Lepidoptera, Arctiidae) coletados em unidades de conserva�o estaduais do Rio Grande do Sul, Brasil. Revista Brasileira De Entomologia, 2006, 50, 280-286.	0.4	13
38	Biologia de <i>Automeris illustris</i> (Walker) (Lepidoptera, Saturniidae, Hemileucinae). Revista Brasileira De Zoologia, 2006, 23, 537-546.	0.5	13
39	Biotic potential and reproductive parameters of <i>Spodoptera dolichos</i> (Lepidoptera: Noctuidae) in the laboratory. Zoologia, 2015, 32, 485-491.	0.5	13
40	Biologia e aspectos morfol�gicos dos est�gios imaturos de <i>Automeris naranja</i> Schaus (Lepidoptera,) Tj ETQq0 0 0,5 BT / Overlock 10 T	0,5	12
41	Life-History Parameters of <i>Striacosta albicosta</i> (Lepidoptera: Noctuidae) Under Laboratory Conditions. Journal of Insect Science, 2019, 19, .	1.5	11
42	The population dynamics of three polyphagous owlet moths (Lepidoptera: Noctuidae) and the influence of meteorological factors and ENSO on them. Revista Brasileira De Entomologia, 2019, 63, 308-315.	0.4	11
43	Aspectos biol�gicos e morfol�gicos de <i>Leucanella viridescens</i> (Lepidoptera: Saturniidae;) Tj ETQq1 1 0.784314 rgBT / Overlock 10 T 5	0,5	11
44	Phenological patterns of <i>Spodoptera Guen�e</i> , 1852 (Lepidoptera: Noctuidae) is more affected by ENSO than seasonal factors and host plant availability in a Brazilian Savanna. International Journal of Biometeorology, 2018, 62, 413-422.	3.0	10
45	<i>Spodoptera marima</i> : a New Synonym of <i>Spodoptera ornithogalli</i> (Lepidoptera: Noctuidae), with Notes on Adult Morphology, Host Plant Use and Genetic Variation Along Its Geographic Range. Neotropical Entomology, 2019, 48, 433-448.	1.2	10
46	Immature Development of <i>Spodoptera dolichos</i> (Fabricius) (Lepidoptera: Noctuidae). Neotropical Entomology, 2016, 45, 22-27.	1.2	9
47	Biological and Molecular Characterization of the Postinvasion Immature Stages of <i>Helicoverpa armigera</i> (H�bner) (Lepidoptera: Noctuidae). Florida Entomologist, 2018, 101, 25-32.	0.5	9
48	<i>Helicoverpa armigera</i> and <i>Helicoverpa zea</i> hybridization: constraints, heterosis, and implications for pest management. Pest Management Science, 2022, 78, 955-964.	3.4	9
49	Biology of <i>Anicla infecta</i> (Ochsenheimer, 1816) (Lepidoptera, Noctuidae, Noctuinae), under laboratory conditions. Brazilian Journal of Biology, 2001, 61, 661-666.	0.9	8
50	Fauna of Noctuidae (Lepidoptera: Noctuoidea) in a pasture area in Altamira, Eastern Amazon, Par�, Brazil. Brazilian Journal of Biology, 2014, 74, 983-990.	0.9	8
51	<i>Feltia submontana</i> (Noctuidae, Noctuinae): Redescription, Taxonomy, Life Cycle, and Spatial Distribution of a Neglected South American Potential Pest Species. Neotropical Entomology, 2019, 48, 98-110.	1.2	8
52	The External Morphology of <i>Mythimna (Pseudaletia) sequax</i> (Lepidoptera: Noctuidae). Neotropical Entomology, 2019, 48, 834-852.	1.2	8
53	Avalia�o populacional de lagartas e inimigos naturais em azev�m, com rede de varredura. Pesquisa Agropecuaria Brasileira, 2002, 37, 1-6.	0.9	8
54	Biological aspects of <i>Periga circumstans</i> Walker, 1855 (Lepidoptera: Saturniidae: Hemileucinae) with larvae reared on khaki and mate-plant leaves. Brazilian Journal of Biology, 2011, 71, 1015-1022.	0.9	8

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55	Biological aspects of <i>Autoplusia egea</i> (Guenée) (Lepidoptera: Noctuidae, Plusiinae). Neotropical Entomology, 2007, 36, 1-4.	1.2	7
56	Bionomy of <i>Anicla mahalpa</i> Schaus, 1898 (Lepidoptera: Noctuidae: Noctuinae), in the laboratory. Brazilian Journal of Biology, 2008, 68, 415-418.	0.9	7
57	Potential of <i>Metarhizium anisopliae</i> (Metsch.) Sorokin (Ascomycetes, hypocreales) in the control of <i>Bonagota salubricola</i> (Meyrick) (Lepidoptera, Tortricidae) and its compatibility with chemical insecticides. Brazilian Journal of Biology, 2010, 70, 931-936.	0.9	7
58	Biotic potential and reproductive parameters of <i>Spodoptera cosmioides</i> (Walker) (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.9	7
59	<i>Helicoverpa armigera</i> Harm 1 Haplotype Predominates in the Heliiothinae (Lepidoptera: Noctuidae) Complex Infesting Tomato Crops in Brazil. Neotropical Entomology, 2021, 50, 258-268.	1.2	7
60	Pearl Millet: A Green Bridge for Lepidopteran Pests. Journal of Agricultural Science, 2017, 9, 92.	0.2	7
61	Resurgence of a forgotten Southern Brazil endemic species: taxonomic position, redescription, and spatio-temporal distribution of <i>Porosagrotis carolia</i> Schaus, 1929 (Lepidoptera: Noctuidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	7
62	Survival and Development of <i>Striacosta albicosta</i> (Smith) (Lepidoptera: Noctuidae) Immature Stages on Dry Beans, non-Bt, Cry1F, and Vip3A Maize. Insects, 2019, 10, 343.	2.2	6
63	Owlet moths (Lepidoptera: Noctuoidea) associated with Bt and non- Bt soybean in the brazilian savanna. Brazilian Journal of Biology, 2019, 79, 248-256.	0.9	6
64	Biology and morphology of <i>Molippa cruenta</i> (Lepidoptera: Saturniidae) in the laboratory. Zoologia, 2010, 27, 347-352.	0.5	6
65	Viability of <i>Cabralea canjerana</i> extracts to control the South American fruit fly, <i>Anastrepha fraterculus</i> . Journal of Insect Science, 2014, 14, 47.	1.5	5
66	Spatio-temporal variation of <i>Mocis latipes</i> (Guenée, 1852) (Lepidoptera: Erebidae) populations in Brazil according to meteorological factors. Biota Neotropica, 2021, 21, .	0.5	5
67	Options and challenges for pest control in intensive cropping systems in tropical regions.. , 2017, , 18-32.		5
68	Biotic Potential and Reproductive Parameters of <i>Spodoptera frugiperda</i> (J. E. Smith, 1797) (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.2	5
69	Aspects of the biology and morphology of <i>Dirphia dolosa</i> Bouvier, 1929 (Lepidoptera: Saturniidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	5
70	Identification of α -tocopherol and α -tocopheryl acetate from the cuticle of soybean pods armyworm (<i>Spodoptera cosmioides</i>). Natural Product Research, 2013, 27, 1808-1811.	1.8	4
71	Biology and life table of <i>Dirphia araucariae</i> (Lepidoptera: Saturniidae): A herbivore of potentially high impact on <i>Araucaria angustifolia</i> . Zoologia, 2013, 30, 143-150.	0.5	4
72	First records of <i>Leucania rawlinsi</i> Adams and <i>L. senescens</i> Märschler (Lepidoptera: Noctuidae) in Brazil: redescription, potential association with Bt maize, larval parasitoids, and spatial and temporal distribution. Zootaxa, 2019, 4604, 441.	0.5	4

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73	Where and when? How phenological patterns of armyworm moths (Lepidoptera: Noctuidae) change along a latitudinal gradient in Brazil. <i>Bulletin of Entomological Research</i> , 2019, 109, 490-499.	1.0	4
74	The immatures of <i>Peridroma saucia</i> (Hübner, [1808]) (Lepidoptera: Noctuidae) revisited: redescription of external morphology of Neotropical populations. <i>Studies on Neotropical Fauna and Environment</i> , 2020, , 1-15.	1.0	4
75	Seasonality and distribution of Coleoptera families (Arthropoda, Insecta) in the Cerrado of Central Brazil. <i>Revista Brasileira De Entomologia</i> , 2021, 65, .	0.4	4
76	The influence of agricultural occupation and climate on the spatial distribution of Plusiinae (Lepidoptera: Noctuidae) on a latitudinal gradient in Brazil. <i>Revista Brasileira De Entomologia</i> , 2021, 65, .	0.4	4
77	Caracterização morfológica dos imaturos de <i>Hyponeuma taltula</i> (Schaus) (Lepidoptera, Noctuidae). <i>Tj ETQq1 1,0,784314,rgBT /Overlock 10</i>	0,5	4
78	First record of <i>Isia alcumena</i> , <i>Spodoptera cosmioidea</i> and <i>S. eridania</i> (LEPIDOPTERA: NOCTUOIDEA) attacking Passion Fruit (<i>Passiflora edulis</i> Sims) in Brazil. <i>Revista Brasileira De Fruticultura</i> , 2019, 41, .	0.5	4
79	Ocorrência do fungo entomopatogênico <i>Isaria javanica</i> (Frieder. & Bally) Samson & Hywell-Jones (Fungi, Sordariomycetes) em lagartas de <i>Lonomia obliqua</i> Walker (Lepidoptera, Tj ETQq1 1 0,784314,rgBT /Overlock 10	0,5	4
80	Two Generations of Fall Armyworm (Lepidoptera: Noctuidae) Contamination by Di- <i>n</i> -Butylphthalate. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 973-977.	2.3	3
81	Viability of <i>Cabralea canjerana</i> Extracts to Control the South American Fruit Fly, <i>Anastrepha fraterculus</i> . <i>Journal of Insect Science</i> , 2014, 14, 1-13.	1.5	3
82	<i>Lasiothyris luminosa</i> (Razowski & Becker) (Lepidoptera: Tortricidae): a New Grapevine Pest in Northeastern Brazil. <i>Neotropical Entomology</i> , 2016, 45, 336-339.	1.2	3
83	First record of <i>Utetheisa pulchella</i> (Linnaeus, 1758) (Lepidoptera: Erebidae: Arctiinae) in Brazilian Amazon: implications for conservation. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180262.	0.8	3
84	Overlooked South American noctuid species: revalidation of <i>Feltia llanoi</i> stat. rev. and redescription of <i>Feltia brachystria</i> (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 2019, 48, 614-627.	1.2	3
85	Seasonal Flight Patterns of <i>Chrysodeixis includens</i> (Lepidoptera: Noctuidae) in the Florida Panhandle and Inventory of Plusiine Species Cross-Attracted to Synthetic Pheromone. <i>Journal of Economic Entomology</i> , 2021, 114, 2315-2325.	1.8	3
86	Butterflies and moths (Insecta: Lepidoptera) associated with erva-mate, the South American Holly (<i>Ilex</i>) Tj ETQq0 0 0,rgBT /Overlock 10	0,4	3
87	A new cecidogenous species of many-plumed moth (Alucitidae) associated with <i>Cordia</i> A. Rich. ex DC. (Rubiaceae) in the Brazilian Cerrado. <i>Zoologia</i> , 0, 36, 1-15.	0.5	3
88	Molecular characterization and phylogenetic assessment of agricultural-related noctuids (Lepidoptera: Noctuidae) of South America. <i>Revista Brasileira De Entomologia</i> , 2021, 65, .	0.4	3
89	Biotic potential, fertility and life table of <i>Spodoptera albula</i> (Walker) (Lepidoptera: Noctuidae), under controlled conditions. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 723-732.	0.8	3
90	First Report of <i>Elaphria agrotina</i> and <i>Elaphria deltoidea</i> (Lepidoptera:) Tj ETQq0 0 0,rgBT /Overlock 10	1,8	2

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91	Abdominal macrochaetae of female <i>Hylesia oratex</i> Dyar, 1913 (Insecta: Lepidoptera: Saturniidae): external morphology and medical significance. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1763-1770.	0.8	2
92	The Granulate Cutworm (Lepidoptera: Noctuidae): Biological Parameters Under Controlled Conditions, Host Plants, and Distribution in the Americas. <i>Journal of Insect Science</i> , 2020, 20, .	1.5	2
93	<i>Aucula magnifica</i> (Schaus, 1904) (Lepidoptera: Noctuidae: Agaristinae): morphology of egg and last instar larvae. <i>Brazilian Journal of Biology</i> , 2010, 70, 373-380.	0.9	2
94	Was the Silver Y Moth <i>Autographa gamma</i> (Lepidoptera: Noctuidae: Plusiinae) in South America?. <i>Journal of Agricultural Science</i> , 2019, 11, 132.	0.2	2
95	Cutworms (Lepidoptera: Noctuidae) in central Brazil Savanna: temporal distribution and association of species abundance with climatic and meteorological factors. <i>Austral Entomology</i> , 2022, 61, 247-257.	1.4	2
96	Parasitoides associados com <i>Helicoverpa armigera</i> em Áreas de refúgio de algodão, no Oeste da Bahia, Brasil. <i>Ciencia Rural</i> , 2017, 48, .	0.5	1
97	Comparison of two artificial diets to rear <i>Elaphria agrotina</i> . <i>Ciencia Rural</i> , 2018, 48, .	0.5	1
98	<p>Taxonomy of the rivorum species-group of Leucania Ochseneheimer, 1816 (Lepidoptera: Noctuidae)</p>. <i>Zootaxa</i> , 2019, 4711, 545-560.	0.5	1
99	Effects on the development of <i>Spodoptera frugiperda</i> feeding on diets spiked with <i>Solanum sisymbriifolium</i> extracts. <i>Eletica Quimica</i> , 2020, 45, 33.	0.5	1
100	First record of <i>Chilomima clarkei</i> (Amsel) (Lepidoptera: Crambidae) in <i>Manihot esculenta</i> Crantz (Euphorbiaceae) in Amapá state, Brazil. <i>EntomoBrasilis</i> , 0, 13, e914.	0.2	1
101	Global Potential Distribution of the South American Cutworm Pest <i>Agrotis robusta</i> (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overloc 1,2	1.2	1
102	Description of <i>Porphyrosela arachisella</i> sp. nov. (Lepidoptera: Gracillariidae), the first report of Lithocolletinae for Brazil. <i>Zootaxa</i> , 2022, 5165, 387-404.	0.5	1
103	Biological aspects of <i>Tiracola grandirena</i> (Herrich-Schäffer, 1868) (Lepidoptera: Noctuidae): a polyphagous armyworm. <i>Brazilian Journal of Biology</i> , 2014, 74, 205-211.	0.9	0
104	Taxonomy of five neglected South American species of Dargida Walker (Lepidoptera: Noctuidae). <i>Zootaxa</i> , 2020, 4853, 199-217.	0.5	0
105	Life history traits of <i>Praina temperata</i> (Lepidoptera, Noctuidae): a widely distributed and neglected cutworm of the Neotropics. <i>Studies on Neotropical Fauna and Environment</i> , 0, , 1-17.	1.0	0
106	Elio Corseuil: Obituary (1930-2020). <i>EntomoBrasilis</i> , 0, 13, e925.	0.2	0