

Daniel Ricardo Sosa-Gomez

List of Publications by Year in descending order

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papers

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279798

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94
docs citations

94
times ranked

1950
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	Attachment of <i>Metarhizium anisopliae</i> to the Southern Green Stink Bug <i>Nezara viridula</i> Cuticle and Fungistatic Effect of Cuticular Lipids and Aldehydes. Journal of Invertebrate Pathology, 1997, 69, 31-39.	3.2	137
3	Neotropical brown stink bug (<i>Euschistus heros</i>) resistance to methamidophos in Paraná, Brazil. Pesquisa Agropecuaria Brasileira, 2010, 45, 767-769.	0.9	79
4	Identificação morfológica e molecular de <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) e ampliação de seu registro de ocorrência no Brasil. Pesquisa Agropecuaria Brasileira, 2013, 48, 689-692.	0.9	77
5	Laboratory and Field Studies on the Infection of Stink Bugs, <i>Nezara viridula</i> , <i>Piezodorus guildinii</i> , and <i>Euschistus heros</i> (Hemiptera: Pentatomidae) with <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> in Brazil. Journal of Invertebrate Pathology, 1998, 71, 115-120.	3.2	65
6	Pesticide selectivity to natural enemies: challenges and constraints for research and field recommendation. Ciencia Rural, 2017, 47, .	0.5	63
7	Development of Resistance by <i>Anticarsia gemmatilis</i> from Brazil and the United States to a Nuclear Polyhedrosis Virus under Laboratory Selection Pressure. Biological Control, 1996, 7, 126-130.	3.0	62
8	Timeline and geographical distribution of <i>Helicoverpa armigera</i> (<i>H. armigera</i>) (Lepidoptera, Noctuidae): Tj ETQq0 0 0 rgBT / Overlock 10 Tf	0.4	57
9	Prevalence, damage, management and insecticide resistance of stink bug populations (Hemiptera: Tj ETQq1 1 0.784314 rgBT / Overlock	1.3	57
10	Host plants of <i>Chrysodeixis includens</i> (Walker) (Lepidoptera, Noctuidae, Plusiinae). Revista Brasileira De Entomologia, 2015, 59, 343-345.	0.4	51
11	Insecticide resistance to endosulfan, monocrotophos and metamidophos in the neotropical brown stink bug, <i>Euschistus heros</i> (F.). Neotropical Entomology, 2001, 30, 317-320.	1.2	46
12	Genotypic Properties of the Entomopathogenic Fungus <i>Nomuraea rileyi</i> . Biological Control, 2000, 19, 124-138.	3.0	45
13	Effect of Till and No-Till Soybean Cultivation on Dynamics of Entomopathogenic Fungi in the Soil. Florida Entomologist, 1994, 77, 284.	0.5	43
14	The impact of fungicides on <i>Nomuraea rileyi</i> (Farlow) Samson epizootics and on populations of <i>Anticarsia gemmatilis</i> <i>H. armigera</i> (Lepidoptera: Noctuidae), on soybean. Neotropical Entomology, 2003, 32, 287-291.	1.2	42
15	An Overview of Arthropod-Associated Fungi from Argentina and Brazil. Mycopathologia, 2010, 170, 61-76.	3.1	41
16	Immature Stages of <i>Spodoptera eridania</i> (Lepidoptera: Noctuidae): Developmental Parameters and Host Plants. Journal of Insect Science, 2014, 14, .	1.5	38
17	Insecticide Susceptibility of <i>Euschistus heros</i> (Heteroptera: Pentatomidae) in Brazil. Journal of Economic Entomology, 2009, 102, 1209-1216.	1.8	37
18	Susceptibility of <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera, Tenebrionidae) to cypermethrin, dichlorvos and triflumuron in southern Brazil. Revista Brasileira De Entomologia, 2011, 55, 125-128.	0.4	36

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19	Susceptibility to Insecticides Used for Control of <i>Piezodorus guildinii</i> (Heteroptera: Tj ETQq1 1 0.784314 rgBT /Ove	1.8	34
20	Fluorescent Brighteners Improve Anticarsia gemmatalis (Lepidoptera: Noctuidae) Nucleopolyhedrovirus (AgMNPV) Activity on AgMNPV-Susceptible and Resistant Strains of the Insect. Biological Control, 2001, 20, 247-253.	3.0	30
21	High susceptibility and low resistance allele frequency of <i>Chrysodeixis includens</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Ove 1578-1584.	3.4	30
22	Intraspecific variation and population structure of the Velvetbean Caterpillar, Anticarsia gemmatalis HÄ¼bner, 1818 (Insecta: Lepidoptera: Noctuidae). Genetics and Molecular Biology, 2004, 27, 378-384.	1.3	29
23	Immature stages of Spodoptera albula (Walker) (Lepidoptera: Noctuidae): Developmental parameters and host plants. Anais Da Academia Brasileira De Ciencias, 2013, 85, 271-284.	0.8	27
24	Species From the Heliiothinae Complex (Lepidoptera: Noctuidae) in TucumÄ¼n, Argentina, an Update of Geographical Distribution of <i>Helicoverpa armigera</i> . Journal of Insect Science, 2016, 16, 61.	1.5	26
25	Biotic potential and reproductive parameters of Spodoptera eridania (Stoll) (Lepidoptera, Noctuidae) in the laboratory. Revista Brasileira De Entomologia, 2013, 57, 340-345.	0.4	24
26	Lepidoptera (Insecta) associated with soybean in Argentina, Brazil, Chile and Uruguay. Ciencia Rural, 2015, 45, 2113-2120.	0.5	23
27	Susceptibility of Populations of Anticarsia gemmatalis (Lepidoptera: Noctuidae) from Brazil and the United States to a Nuclear Polyhedrosis Virus1. Journal of Entomological Science, 1995, 30, 62-69.	0.3	23
28	Molecular characterization of Paecilomyces fumosoroseus (Deuteromycotina: Hyphomycetes) isolates. Scientia Agricola, 2000, 57, 729-732.	1.2	22
29	Natural Occurrence of the Entomopathogenic Fungi Metarhizium, Beauveria and Paecilomyces in Soybean Under Till and No-till Cultivation Systems. Neotropical Entomology, 2001, 30, 407-410.	1.2	20
30	Biotic potential, fertility and life table of Spodoptera albula (Walker) (Lepidoptera: Noctuidae), under controlled conditions. Anais Da Academia Brasileira De Ciencias, 2014, 86, 723-732.	0.8	20
31	The Old World Bollworm in the Neotropical Region: The Experience of Brazilian Growers with <i>Helicoverpa Armigera</i> . Outlooks on Pest Management, 2014, 25, 261-264.	0.2	20
32	Characterization and phylogeny of <i>Isaria</i> spp. strains (comycota: Hypocreales) using ITS and ITS2 and elongation factor 1Ä¼ sequences. Journal of Basic Microbiology, 2014, 54, S21-31.	3.3	20
33	Microbial Control of Soybean Pest Insects and Mites. , 2017, , 199-208.		20
34	Temperature and relative humidity requirements for conidiogenesis of Beauveria bassiana (Deuteromycetes: Moniliaceae). Neotropical Entomology, 2000, 29, 515-521.	0.2	19
35	Double-stranded RNA in the entomopathogenic fungus Metarhizium flavoviride. Current Genetics, 1999, 36, 94-97.	1.7	18
36	Variability of the Mitochondrial SSU rDNA of Nomuraea Species and Other Entomopathogenic Fungi from Hypocreales. Mycopathologia, 2009, 167, 145-154.	3.1	18

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37	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
38	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
39	First Records of Entomopathogenic Diseases in the Paraguay Tea Agroecosystem in Argentina. <i>Florida Entomologist</i> , 1994, 77, 378.	0.5	16
40	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
41	A Recombinant <i>Anticarsia gemmatalis</i> MNPV Harboring <i>chiA</i> and <i>v-cath</i> Genes from <i>Choristoneura fumiferana</i> Defective NPV Induce Host Liquefaction and Increased Insecticidal Activity. <i>PLoS ONE</i> , 2013, 8, e74592.	2.5	16
42	Genetic differentiation among Brazilian populations of <i>Euschistus heros</i> (Fabricius) (Heteroptera: Coreidae). <i>Genetics and Molecular Biology</i> , 2015, 38, 101-107.	1.2	15
43	Advances and Perspectives of the use of the entomopathogenic fungi <i>beauveria bassiana</i> and <i>metarhizium anisopliae</i> for the control of arthropod pests in poultry production. <i>Brazilian Journal of Poultry Science</i> , 2014, 16, 01-12.	0.7	15
44	Populational fluctuation and spatial distribution of <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera: Tenebrionidae). <i>Journal of Applied Entomology</i> , 2019, 144, 209-213.	0.9	14
45	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
46	Efficacy of an oil-based formulation combining <i>Metarhizium rileyi</i> and nucleopolyhedroviruses against lepidopteran pests of soybean. <i>Journal of Applied Entomology</i> , 2020, 144, 678-689.	1.8	14
47	<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
48	Selection for entomopathogenic fungi and LD50 of <i>Metarhizium anisopliae</i> (Metsch.) Sorok. for the Lesser Mealworm <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera: Tenebrionidae). <i>Brazilian Journal of Poultry Science</i> , 2007, 9, 187-191.	0.7	13
49	Characterization of Injury Caused by <i>Edessa mediatubunda</i> (F.), <i>Chinavia impicticornis</i> (Stål), and <i>Piezodorus guildinii</i> (West.) (Hemiptera: Pentatomidae) to Soybean. <i>Neotropical Entomology</i> , 2014, 43, 276-281.	1.2	13
50	Biotic potential and reproductive parameters of <i>Spodoptera dolichos</i> (Lepidoptera: Noctuidae) in the laboratory. <i>Zoologia</i> , 2015, 32, 485-491.	0.5	13
51	Genome Sequence of <i>Metarhizium rileyi</i> , a Microbial Control Agent for Lepidoptera. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	13
52	Population structure of the Brazilian southern green stink bug, <i>Nezara viridula</i> . <i>Journal of Insect Science</i> , 2005, 5, 23-23.	1.5	12
53	The complete genome sequence of the first hesperiid-infecting alphabaculovirus isolated from the leguminous pest <i>Urbanus proteus</i> (Lepidoptera: Hesperidae). <i>Virus Research</i> , 2018, 249, 76-84.	2.2	12
54	Genome sequence of <i>Perigonia lusca</i> single nucleopolyhedrovirus: insights into the evolution of a nucleotide metabolism enzyme in the family Baculoviridae. <i>Scientific Reports</i> , 2016, 6, 24612.	3.3	11

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55	Biological characterization and mating compatibility of <i>Helicoverpa gelotopoeon</i> (D.) (Lepidoptera: Noctuidae) populations from different regions in Argentina. Bulletin of Entomological Research, 2018, 108, 108-115.	1.0	11
56	Structure and genetic variation among populations of <i>Euschistus heros</i> from different geographic regions in Brazil. Entomologia Experimentalis Et Applicata, 2018, 166, 191-203.	1.4	10
57	CHARACTERIZATION OF HELICOVERPA ZEA SINGLE NUCLEOPOLYHEDROVIRUS ISOLATED IN BRAZIL DURING THE FIRST OLD WORLD BOLLWORM (NOCTUIDAE: HELICOVERPA ARMIGERA) NATIONWIDE OUTBREAK. Virus Reviews & Research: Journal of the Brazilian Society for Virology, 2015, 20, .	0.1	10
58	Microbial control of insect pests of soybean. , 2007, , 411-426.		9
59	Influence of fungal elicitation with <i>Nomuraea rileyi</i> (Farlow) Samson in the metabolism of acclimatized plants of <i>Hypericum polyanthemum</i> Klotzsch ex Reichardt (Guttiferae). Plant Cell, Tissue and Organ Culture, 2013, 112, 379-385.	2.3	9
60	Immature Development of <i>Spodoptera dolichos</i> (Fabricius) (Lepidoptera: Noctuidae). Neotropical Entomology, 2016, 45, 22-27.	1.2	9
61	Biological and Molecular Characterization of the Postinvasion Immature Stages of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). Florida Entomologist, 2018, 101, 25-32.	0.5	9
62	Resistance status of lepidopteran soybean pests following large-scale use of MON87701 in soybean in Brazil. Scientific Reports, 2021, 11, 21323.	3.3	9
63	<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
64	Fitness cost of resistance to <i>Bacillus thuringiensis</i> in velvetbean caterpillar <i>Anticarsia gemmatilis</i> (Lepidoptera, Noctuidae). Revista Brasileira De Entomologia, 2012, 56, 359-362.	0.4	8
65	A betabaculovirus encoding a gp64 homolog. BMC Genomics, 2016, 17, 94.	2.8	8
66	The complete genome of <i>Rachiplusia nu</i> nucleopolyhedrovirus (RanuNPV) and the identification of a baculoviral CPD-photolyase homolog. Virology, 2019, 534, 64-71.	2.4	8
67	Transcriptional profiling analysis of susceptible and resistant strains of <i>Anticarsia gemmatilis</i> and their response to <i>Bacillus thuringiensis</i> . Genomics, 2021, 113, 2264-2275.	2.9	8
68	Variation in the susceptibility of <i>Bombyx mori</i> L. to nuclear polyhedrosis virus when reared on different mulberry genotypes. Journal of Applied Entomology, 1991, 111, 318-320.	1.8	7
69	Trypanosomatid prevalence in <i>Nezara viridula</i> (L.), <i>Euschistus heros</i> (Fabricius) and <i>Piezodorus guildinii</i> (Westwood) (Heteroptera: Pentatomidae) populations in Northern Paraná, Brazil. Neotropical Entomology, 2005, 34, 341-347.	1.2	7
70	A Novel Betabaculovirus Isolated from the Monocot Pest <i>Mocis latipes</i> (Lepidoptera: Noctuidae) and the Evolution of Multiple-Copy Genes. Viruses, 2018, 10, 134.	3.3	7
71	Effects of double-stranded RNA on virulence of <i>Paecilomyces fumosoroseus</i> (Deuteromycotina: Tj ETQq1 1.0784314 rgBT / Overlock Genetics and Molecular Biology, 2000, 23, 61-63.	1.3	6
72	<i>Helicoverpa armigera</i> : current status and future perspectives in Brazil. Current Agricultural Science and Technology, 2015, 21, .	0.0	6

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73	Fertility Life Table, Population Parameters and Biotic Potential of <i>Helicoverpa gelotopoeon</i> (Dyar) (Lepidoptera: Noctuidae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 3831-3838.	0.8	5
74	<i>Paecilomyces niveus</i> Stolk & Samson, 1971 (Ascomycota: Thermoascaceae) as a pathogen of <i>Nasonovia ribisnigri</i> (Mosley, 1841) (Hemiptera, Aphididae) in Brazil. <i>Brazilian Journal of Biology</i> , 2015, 75, 158-162.	0.9	5
75	RAPD and mitochondrial DNA analysis of the soybean stalk weevil, <i>Sternechus subsignatus</i> (Coleoptera: Curculionidae). <i>Bulletin of Entomological Research</i> , 2008, 98, 475-481.	1.0	4
76	Morphological and molecular characterization of a new species of <i>Diabrotica</i> (Coleoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	0.5	4
77	Genetic diversity of the sunflower caterpillar (<i>Chlosyne lacinia saundersii</i> Doubleday and Hewitson) (Lepidoptera: Nymphalidae) populations determined by molecular RAPD markers. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 1127-1136.	0.8	4
78	Characterization of a novel alphabaculovirus isolated from the Southern armyworm, <i>Spodoptera eridania</i> (Cramer, 1782) (Lepidoptera: Noctuidae) and the evolution of odv-e66, a bacterium-acquired baculoviral chondroitinase gene. <i>Genomics</i> , 2020, 112, 3903-3914.	2.9	4
79	Characterization of a <i>Chrysodeixis includens</i> nucleopolyhedrovirus Isolate from Brazilian Cerrado and Assessment of its Co-Infection with <i>Anticarsia gemmatalis</i> multiple nucleopolyhedrovirus. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	4
80	Suscetibilidade de <i>Spodoptera Frugiperda</i> a isolados geográficos de um vírus de poliedrose nuclear. <i>Pesquisa Agropecuaria Brasileira</i> , 1999, 34, 1539-1544.	0.9	4
81	Effects of thiamethoxam and lambda-cyhalothrin on spermatogenesis of <i>Euschistus heros</i> (Heteroptera: Pentatomidae). <i>Entomological Science</i> , 2017, 20, 279-287.	0.6	3
82	Microsatellite variation in <i>Helicoverpa gelotopoeon</i> (Lepidoptera: Noctuidae) populations from Argentina. <i>Agricultural and Forest Entomology</i> , 2021, 23, 536.	1.3	3
83	Spatial dispersal of <i>Metarhizium anisopliae</i> and <i>Beauveria bassiana</i> in soybean fields. <i>Tropical Plant Pathology</i> , 2012, 37, 44-49.	1.5	3
84	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
85	Biological Parameters of <i>Euschistus heros</i> (F.) (Heteroptera: Pentatomidae) and its Susceptibility to Entomopathogenic Fungi When Fed on Different Diets. <i>Brazilian Archives of Biology and Technology</i> , 2016, 59, .	0.5	2
86	Cytogenetic markers applied to cytotaxonomy in two soybean pests: <i>Anticarsia gemmatalis</i> (Hübner,) Tj ETQq0 0 0 rgBT /Overlock 10	2.5	2
87	Genomic analyses of <i>Biston suppressaria</i> nucleopolyhedrovirus: a viral isolate obtained from the tea looper caterpillar, <i>Biston suppressaria</i> (Guenée, 1857). <i>Brazilian Journal of Microbiology</i> , 2021, 52, 219-227.	2.0	2
88	Characterization and genomic analyses of a novel alphabaculovirus isolated from the black armyworm, <i>Spodoptera cosmioides</i> (Lepidoptera: Noctuidae). <i>Virus Research</i> , 2022, 316, 198797.	2.2	2
89	Optimization of Large-Scale Production of <i>Chrysodeixis includens</i> nucleopolyhedrovirus for Its Use as a Biopesticide. <i>Neotropical Entomology</i> , 2021, 50, 615-621.	1.2	1
90	Testes morphology and the identification of transcripts of the hormonal pathways of the velvetbean caterpillar <i>Anticarsia gemmatalis</i> Hübner, 1818 (Lepidoptera: Erebidae). <i>Arthropod Structure and Development</i> , 2021, 65, 101111.	1.4	1

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91	Complete genome sequence of <i>Bacillus thuringiensis</i> BR145, a strain with insecticidal activity against Lepidoptera pests. <i>Genetics and Molecular Biology</i> , 2022, 45, e20210289.	1.3	1
92	Microbial Control of Insect Pests of Soybean. , 2000, , 447-466.		0
93	Molecular Characterization of Mutations in <i>Anticarsia gemmatalis</i> Cadherin Gene and their Relation to <i>Bacillus thuringiensis</i> Resistance. <i>Global Journal of Agricultural Innovation Research & Development</i> , 0, 9, 54-60.	0.2	0