

Daniel Ricardo Sosa-Gomez

List of Publications by Year in descending order

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citations

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#	ARTICLE	IF	CITATIONS
1	<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
2	Complete genome sequence of Bacillus thuringiensis BR145, a strain with insecticidal activity against Lepidoptera pests. Genetics and Molecular Biology, 2022, 45, e20210289.	1.3	1
3	Characterization and genomic analyses of a novel alphabaculovirus isolated from the black armyworm, Spodoptera cosmioides (Lepidoptera: Noctuidae). Virus Research, 2022, 316, 198797.	2.2	2
4	Genomic analyses of Biston suppressaria nucleopolyhedrovirus: a viral isolate obtained from the tea looper caterpillar, Biston suppressaria (Guenée, 1857). Brazilian Journal of Microbiology, 2021, 52, 219-227.	2.0	2
5	Optimization of Large-Scale Production of Chrysodeixis includens nucleopolyhedrovirus for Its Use as a Biopesticide. Neotropical Entomology, 2021, 50, 615-621.	1.2	1
6	Microsatellite variation in Helicoverpa gelatopoeon (Lepidoptera: Noctuidae) populations from Argentina. Agricultural and Forest Entomology, 2021, 23, 536.	1.3	3
7	Transcriptional profiling analysis of susceptible and resistant strains of Anticarsia gemmatilis and their response to Bacillus thuringiensis. Genomics, 2021, 113, 2264-2275.	2.9	8
8	Testes morphology and the identification of transcripts of the hormonal pathways of the velvetbean caterpillar Anticarsia gemmatilis Hübner, 1818 (Lepidoptera: Erebidae). Arthropod Structure and Development, 2021, 65, 101111.	1.4	1
9	Helicoverpa armigera (Hübner) (Lepidoptera: Noctuidae) in Brazil: the Big Outbreak Monitored by Light Traps. Neotropical Entomology, 2021, 50, 53-67.	1.2	14
10	Resistance status of lepidopteran soybean pests following large-scale use of MON87701 and MON89788 soybean in Brazil. Scientific Reports, 2021, 11, 21323.	3.3	9
11	Prevalence, damage, management and insecticide resistance of stink bug populations (Hemiptera: Tj ETQq1 1 0.784314 rgBT / Overl	1.3	57
12	Efficacy of an oil-based formulation combining <i>Metarhizium rileyi</i> and nucleopolyhedroviruses against lepidopteran pests of soybean. Journal of Applied Entomology, 2020, 144, 678-689.	1.8	14
13	Cytogenetic markers applied to cytotaxonomy in two soybean pests: Anticarsia gemmatilis (Hübner), Tj ETQq1 1 0.784314 rgBT / O	2.5	2
14	Characterization of a novel alphabaculovirus isolated from the Southern armyworm, Spodoptera eridania (Cramer, 1782) (Lepidoptera: Noctuidae) and the evolution of odv-e66, a bacterium-acquired baculoviral chondroitinase gene. Genomics, 2020, 112, 3903-3914.	2.9	4
15	Biotic Potential and Life Tables of Chrysodeixis includens (Lepidoptera: Noctuidae), Rachiplusia nu, and Trichoplusia ni on Soybean and Forage Turnip. Journal of Insect Science, 2019, 19, .	1.5	14
16	Genome Sequence of Metarhizium <i>rileyi</i> , a Microbial Control Agent for Lepidoptera. Microbiology Resource Announcements, 2019, 8, .	0.6	13
17	The complete genome of Rachiplusia nu nucleopolyhedrovirus (RanuNPV) and the identification of a baculoviral CPD-photolyase homolog. Virology, 2019, 534, 64-71.	2.4	8
18	Biological and Molecular Characterization of the Postinvasion Immature Stages of <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae). Florida Entomologist, 2018, 101, 25-32.	0.5	9

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19	Structure and genetic variation among populations of <i>Euschistus heros</i> from different geographic regions in Brazil. <i>Entomologia Experimentalis Et Applicata</i> , 2018, 166, 191-203.	1.4	10
20	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
21	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
22	Biological characterization and mating compatibility of <i>Helicoverpa gelotopoeon</i> (D.) (Lepidoptera: Noctuidae) populations from different regions in Argentina. <i>Bulletin of Entomological Research</i> , 2018, 108, 108-115.	1.0	11
23	Host Plants of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in the Americas. <i>African Entomology</i> , 2018, 26, 286-300.	0.6	659
24	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
25	A Novel Betabaculovirus Isolated from the Monocot Pest <i>Mocis latipes</i> (Lepidoptera: Noctuidae) and the Evolution of Multiple-Copy Genes. <i>Viruses</i> , 2018, 10, 134.	3.3	7
26	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
27	Pesticide selectivity to natural enemies: challenges and constraints for research and field recommendation. <i>Ciencia Rural</i> , 2017, 47, .	0.5	63
28	Microbial Control of Soybean Pest Insects and Mites. , 2017, , 199-208.		20
29	Species From the Heliiothinae Complex (Lepidoptera: Noctuidae) in Tucumán, Argentina, an Update of Geographical Distribution of <i>Helicoverpa armigera</i> . <i>Journal of Insect Science</i> , 2016, 16, 61.	1.5	26
30	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
31	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
32	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
33	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
34	Timeline and geographical distribution of <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera, Noctuidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 624 57	0.4	57
35	A betabaculovirus encoding a gp64 homolog. <i>BMC Genomics</i> , 2016, 17, 94.	2.8	8
36	Immature Development of <i>Spodoptera dolichos</i> (Fabricius) (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 2016, 45, 22-27.	1.2	9

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37	Lepidoptera (Insecta) associated with soybean in Argentina, Brazil, Chile and Uruguay. <i>Ciencia Rural</i> , 2015, 45, 2113-2120.	0.5	23
38	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
39	Host plants of <i>Chrysodeixis includens</i> (Walker) (Lepidoptera, Noctuidae, Plusiinae). <i>Revista Brasileira De Entomologia</i> , 2015, 59, 343-345.	0.4	51
40	<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
41	CHARACTERIZATION OF <i>HELICOVERPA ZEA</i> SINGLE NUCLEOPOLYHEDROVIRUS ISOLATED IN BRAZIL DURING THE FIRST OLD WORLD BOLLWORM (NOCTUIDAE: <i>HELICOVERPA ARMIGERA</i>) NATIONWIDE OUTBREAK. <i>Virus Reviews & Research: Journal of the Brazilian Society for Virology</i> , 2015, 20, .	0.1	10
42	<i>Helicoverpa armigera</i> : current status and future perspectives in Brazil. <i>Current Agricultural Science and Technology</i> , 2015, 21, .	0.0	6
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	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
45	Immature Stages of <i>Spodoptera eridania</i> (Lepidoptera: Noctuidae): Developmental Parameters and Host Plants. <i>Journal of Insect Science</i> , 2014, 14, .	1.5	38
46	The Old World Bollworm in the Neotropical Region: The Experience of Brazilian Growers with <i>Helicoverpa Armigera</i> . <i>Outlooks on Pest Management</i> , 2014, 25, 261-264.	0.2	20
47	Characterization of Injury Caused by <i>Edessa meditabunda</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
48	Characterization and phylogeny of <i>Isaria</i> spp. strains (Ascomycota: Hypocreales) using ITS1 and ITS2 and elongation factor α sequences. <i>Journal of Basic Microbiology</i> , 2014, 54, S21-31.	3.3	20
49	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
50	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
51	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). <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 112, 379-385.	2.3	9
52	Identificação morfológica e molecular de <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) e ampliação de seu registro de ocorrência no Brasil. <i>Pesquisa Agropecuária Brasileira</i> , 2013, 48, 689-692.	0.9	77
53	Immature stages of <i>Spodoptera albula</i> (Walker) (Lepidoptera: Noctuidae): Developmental parameters and host plants. <i>Anais Da Academia Brasileira De Ciencias</i> , 2013, 85, 271-284.	0.8	27
54	Biotic potential and reproductive parameters of <i>Spodoptera eridania</i> (Stoll) (Lepidoptera, Noctuidae) in the laboratory. <i>Revista Brasileira De Entomologia</i> , 2013, 57, 340-345.	0.4	24

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55	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
56	Fitness cost of resistance to <i>Bacillus thuringiensis</i> in velvetbean caterpillar <i>Anticarsia gemmatalis</i> HÄ¼bner (Lepidoptera, Noctuidae). <i>Revista Brasileira De Entomologia</i> , 2012, 56, 359-362.	0.4	8
57	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
58	Susceptibility of <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera, Tenebrionidae) to cypermethrin, dichlorvos and triflumuron in southern Brazil. <i>Revista Brasileira De Entomologia</i> , 2011, 55, 125-128.	0.4	36
59	An Overview of Arthropod-Associated Fungi from Argentina and Brazil. <i>Mycopathologia</i> , 2010, 170, 61-76.	3.1	41
60	Neotropical brown stink bug (<i>Euschistus heros</i>) resistance to methamidophos in ParanÅ¡, Brazil. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 767-769.	0.9	79
61	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
62	Susceptibility to Insecticides Used for Control of <i>Piezodorus guildinii</i> (Heteroptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	34
63	Variability of the Mitochondrial SSU rDNA of <i>Nomureaea</i> Species and Other Entomopathogenic Fungi from Hypocreales. <i>Mycopathologia</i> , 2009, 167, 145-154.	3.1	18
64	Insecticide Susceptibility of <i>Euschistus heros</i> (Heteroptera: Pentatomidae) in Brazil. <i>Journal of Economic Entomology</i> , 2009, 102, 1209-1216.	1.8	37
65	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
66	Morphological and molecular characterization of a new species of <i>Diabrotica</i> (Coleoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	0.5	4
67	Microbial control of insect pests of soybean. , 2007, , 411-426.		9
68	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
69	Populational fluctuation and spatial distribution of <i>Alphitobius diaperinus</i> (Panzer) (Coleoptera;) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.9	14
70	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
71	Trypanosomatid prevalence in <i>Nezara viridula</i> (L.), <i>Euschistus heros</i> (Fabricius) and <i>Piezodorus guildinii</i> (Westwood) (Heteroptera: Pentatomidae) populations in Northern ParanÅ¡, Brazil. <i>Neotropical Entomology</i> , 2005, 34, 341-347.	1.2	7
72	Intraspecific variation and population structure of the Velvetbean Caterpillar, <i>Anticarsia gemmatalis</i> HÄ¼bner, 1818 (Insecta: Lepidoptera: Noctuidae). <i>Genetics and Molecular Biology</i> , 2004, 27, 378-384.	1.3	29

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73	Genetic differentiation among Brazilian populations of <i>Euschistus heros</i> (Fabricius) (Heteroptera: Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 15	1.2	15
74	The impact of fungicides on <i>Nomuraea rileyi</i> (Farlow) Samson epizootics and on populations of <i>Anticarsia gemmatalis</i> HÄ¼bner (Lepidoptera: Noctuidae), on soybean. <i>Neotropical Entomology</i> , 2003, 32, 287-291.	1.2	42
75	Fluorescent Brighteners Improve <i>Anticarsia gemmatalis</i> (Lepidoptera: Noctuidae) Nucleopolyhedrovirus (AgMNPV) Activity on AgMNPV-Susceptible and Resistant Strains of the Insect. <i>Biological Control</i> , 2001, 20, 247-253.	3.0	30
76	Natural Occurrence of the Entomopathogenic Fungi <i>Metarhizium</i> , <i>Beauveria</i> and <i>Paecilomyces</i> in Soybean Under Till and No-till Cultivation Systems. <i>Neotropical Entomology</i> , 2001, 30, 407-410.	1.2	20
77	Insecticide resistance to endosulfan, monocrotophos and metamidophos in the neotropical brown stink bug, <i>Euschistus heros</i> (F.). <i>Neotropical Entomology</i> , 2001, 30, 317-320.	1.2	46
78	Molecular characterization of <i>Paecilomyces fumosoroseus</i> (Deuteromycotina: Hyphomycetes) isolates. <i>Scientia Agricola</i> , 2000, 57, 729-732.	1.2	22
79	Temperature and relative humidity requirements for conidiogenesis of <i>Beauveria bassiana</i> (Deuteromycetes: Moniliaceae). <i>Neotropical Entomology</i> , 2000, 29, 515-521.	0.2	19
80	Effects of double-stranded RNA on virulence of <i>Paecilomyces fumosoroseus</i> (Deuteromycotina: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 Genetics and Molecular Biology, 2000, 23, 61-63.	1.3	6
81	Genotypic Properties of the Entomopathogenic Fungus <i>Nomuraea rileyi</i> . <i>Biological Control</i> , 2000, 19, 124-138.	3.0	45
82	Microbial Control of Insect Pests of Soybean. , 2000, , 447-466.		0
83	Double-stranded RNA in the entomopathogenic fungus <i>Metarhizium flavoviride</i> . <i>Current Genetics</i> , 1999, 36, 94-97.	1.7	18
84	Suscetibilidade de <i>Spodoptera Frugiperda</i> a isolados geogrÃ¡ficos de um vÃ¡rus de poliedrose nuclear. <i>Pesquisa Agropecuaria Brasileira</i> , 1999, 34, 1539-1544.	0.9	4
85	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. <i>Journal of Invertebrate Pathology</i> , 1998, 71, 115-120.	3.2	65
86	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. <i>Journal of Invertebrate Pathology</i> , 1997, 69, 31-39.	3.2	137
87	Development of Resistance by <i>Anticarsia gemmatalis</i> from Brazil and the United States to a Nuclear Polyhedrosis Virus under Laboratory Selection Pressure. <i>Biological Control</i> , 1996, 7, 126-130.	3.0	62
88	Susceptibility of Populations of <i>Anticarsia gemmatalis</i> (Lepidoptera: Noctuidae) from Brazil and the United States to a Nuclear Polyhedrosis Virus1. <i>Journal of Entomological Science</i> , 1995, 30, 62-69.	0.3	23
89	Effect of Till and No-Till Soybean Cultivation on Dynamics of Entomopathogenic Fungi in the Soil. <i>Florida Entomologist</i> , 1994, 77, 284.	0.5	43
90	First Records of Entomopathogenic Diseases in the Paraguay Tea Agroecosystem in Argentina. <i>Florida Entomologist</i> , 1994, 77, 378.	0.5	16

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91	Variation in the susceptibility of <i>Bombyx mori</i> L. to nuclear polyhedrosis virus when reared on different mulberry genotypes. <i>Journal of Applied Entomology</i> , 1991, 111, 318-320.	1.8	7
92	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
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