

# Fernando H Valicente

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

642  
citations

567281

15  
h-index

610901

24  
g-index

37  
all docs

37  
docs citations

37  
times ranked

759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Type II callus production and plant regeneration in tropical maize genotypes. <i>Plant Cell Reports</i> , 1997, 17, 73-76.	5.6	69
2	Validation of Reference Housekeeping Genes for Gene Expression Studies in Western Corn Rootworm ( <i>Diabrotica virgifera virgifera</i> ). <i>PLoS ONE</i> , 2014, 9, e109825.	2.5	63
3	Analysis of the genome of <i>Spodoptera frugiperda</i> nucleopolyhedrovirus (SfMNPV-19) and of the high genomic heterogeneity in group II nucleopolyhedroviruses. <i>Journal of General Virology</i> , 2008, 89, 1202-1211.	2.9	46
4	Clathrin-dependent endocytosis is associated with RNAi response in the western corn rootworm, <i>Diabrotica virgifera virgifera</i> LeConte. <i>PLoS ONE</i> , 2018, 13, e0201849.	2.5	38
5	<i>Bacillus thuringiensis</i> survey in Brazil: geographical distribution and insecticidal activity against <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 2003, 32, 639.	1.2	33
6	Effect of Baculovirus <i>spodoptera</i> isolates in <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.2	32
7	A Neo-Sex Chromosome That Drives Postzygotic Sex Determination in the Hessian Fly ( <i>Mayetiola</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542	2.9	32
8	Cannibalism and Virus Production in <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae) Larvae Fed with Two Leaf Substrates Inoculated with Baculovirus <i>spodoptera</i> . <i>Neotropical Entomology</i> , 2013, 42, 191-199.	1.2	31
9	Molecular characterization and distribution of <i>Bacillus thuringiensis cry1</i> genes from Brazilian strains effective against the fall armyworm, <i>Spodoptera frugiperda</i> . <i>Biological Control</i> , 2010, 53, 360-366.	3.0	28
10	Surrogate species selection for assessing potential adverse environmental impacts of genetically engineered insect-resistant plants on non-target organisms. <i>GM Crops and Food</i> , 2014, 5, 11-15.	3.8	28
11	Detection of airborne genetically modified maize pollen by real-time PCR. <i>Molecular Ecology Resources</i> , 2012, 12, 810-821.	4.8	25
12	A Physically Anchored Genetic Map and Linkage to Avirulence Reveals Recombination Suppression Over the Proximal Region of Hessian Fly Chromosome A2. <i>Genetics</i> , 2004, 167, 343-355.	2.9	24
13	Use of transgenic <i>Aedes aegypti</i> in Brazil: risk perception and assessment. <i>Bulletin of the World Health Organization</i> , 2016, 94, 766-771.	3.3	23
14	Characterization of a <i>Spodoptera frugiperda</i> multiple nucleopolyhedrovirus isolate that does not liquefy the integument of infected larvae. <i>Journal of Invertebrate Pathology</i> , 2012, 111, 189-192.	3.2	21
15	Application rate trials with a nuclear polyhedrosis virus to control <i>Spodoptera frugiperda</i> (Smith) on maize. <i>Neotropical Entomology</i> , 1997, 26, 145-152.	0.2	17
16	Identificação através de PCR dos genes CryI de cepas de <i>Bacillus thuringiensis</i> Berliner eficientes contra a lagarta do cartucho, <i>Spodoptera frugiperda</i> (J. E. Smith) (Lepidoptera: Noctuidae). <i>Neotropical Entomology</i> , 2000, 29, 147-153.	0.2	15
17	Identification of midgut membrane proteins from different instars of <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) that bind to Cry1Ac toxin. <i>PLoS ONE</i> , 2018, 13, e0207789.	2.5	15
18	Insecticidal activity of culture supernatants from <i>Bacillus thuringiensis</i> Berliner strains against <i>Spodoptera frugiperda</i> Smith (Lepidoptera: Noctuidae) larvae. <i>Neotropical Entomology</i> , 1999, 28, 675-685.	0.2	12

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19	Two's a Crowd: Phenotypic Adjustments and Prophylaxis in <i>Anticarsia gemmatalis</i> Larvae Are Triggered by the Presence of Conspecifics. <i>PLoS ONE</i> , 2013, 8, e61582.	2.5	12
20	A Recombinant Truncated Cry1Ca Protein Is Toxic to Lepidopteran Insects and Forms Large Cuboidal Crystals in Insect Cells. <i>Current Microbiology</i> , 2006, 53, 287-292.	2.2	10
21	Does <i>Bacillus thuringiensis</i> have adverse effects on the host egg location by parasitoid wasps?. <i>Revista Brasileira De Entomologia</i> , 2018, 62, 260-266.	0.4	10
22	Sublethal Endpoints in Non-target Organism Testing for Insect-Active GE Crops. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 556.	4.1	9
23	Growth variation among <i>Bacillus thuringiensis</i> strains can affect screening procedures for supernatant-secreted toxins against insect pests. <i>Pest Management Science</i> , 2011, 67, 1184-1192.	3.4	6
24	Does Singular and Stacked Corn Affect Choice Behavior for Oviposition and Feed in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae)?. <i>Neotropical Entomology</i> , 2020, 49, 302-310.	1.2	6
25	Olfactory response of <i>Trichogramma pretiosum</i> (Hymenoptera: Trichogrammatidae) to volatiles induced by transgenic maize. <i>Bulletin of Entomological Research</i> , 2021, 111, 674-687.	1.0	6
26	Entomopathogenic Viruses. , 2019, , 137-150.		6
27	Requirement of Simultaneous Assessment of Crystal- and Supernatant-Related Entomotoxic Activities of <i>Bacillus thuringiensis</i> Strains for Biocontrol-Product Development. <i>Toxins</i> , 2014, 6, 1598-1614.	3.4	5
28	Response of <i>Trichogramma pretiosum</i> females (Hymenoptera: Trichogrammatidae) to herbivore-induced Bt maize volatiles. <i>Arthropod-Plant Interactions</i> , 2021, 15, 107-125.	1.1	5
29	Identification of <i>Bacillus thuringiensis</i> Strains for the Management of Lepidopteran Pests. <i>Neotropical Entomology</i> , 2021, 50, 804-811.	1.2	5
30	In vitro infectivity of <i>Spodoptera frugiperda</i> multiple nucleopolyhedrovirus to different insect cell lines. <i>Pesquisa Agropecuaria Brasileira</i> , 2018, 53, 1-9.	0.9	4
31	fAFLP analysis of Brazilian <i>Bacillus thuringiensis</i> isolates. <i>SpringerPlus</i> , 2014, 3, 256.	1.2	3
32	Molecular characterization of <i>Bacillus thuringiensis</i> strains to control <i>Spodoptera eridania</i> (Cramer) (Lepidoptera: Noctuidae) population. <i>Revista Brasileira De Entomologia</i> , 2020, 64, .	0.4	3
33	Optimization of In Vivo Production of <i>Spodoptera frugiperda</i> multiple nucleopolyhedrovirus (SfMNPV). <i>Neotropical Entomology</i> , 2022, 51, 122-132.	1.2	0
34	THE INFECTIVITY OF SFMNPV ON FALL ARMYWORM IS INFLUENCED BY THE HOST PLANT. <i>Revista Brasileira De Milho E Sorgo</i> , 2018, 17, 369.	0.2	0
35	Entomophogenic Viruses. , 2019, , 235-244.		0
36	INFLUENCE OF TRANSGENIC MAIZE ON BEHAVIOR OF ADULT FEMALE OF <i>Spodoptera frugiperda</i> (J. E. SMITH) (LEPIDOPTERA: NOCTUIDAE). <i>Revista Brasileira De Milho E Sorgo</i> , 0, 19, 11.	0.2	0

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37	A 6-year field monitoring of fall armyworm, <i>Spodoptera Frugiperda</i> , in trasgenic Bt maize in Brazil. <i>Revista Brasileira De Entomologia</i> , 2022, 66, .	0.4	0