

Yves Carrière

List of Publications by Year in descending order

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165
papers

12,793
citations

26630

56
h-index

26613

107
g-index

169
all docs

169
docs citations

169
times ranked

5252
citing authors

#	ARTICLE	IF	CITATIONS
1	Insect resistance to Bt crops: lessons from the first billion acres. <i>Nature Biotechnology</i> , 2013, 31, 510-521.	17.5	810
2	Insect resistance to Bt crops: evidence versus theory. <i>Nature Biotechnology</i> , 2008, 26, 199-202.	17.5	650
3	Surge in insect resistance to transgenic crops and prospects for sustainability. <i>Nature Biotechnology</i> , 2017, 35, 926-935.	17.5	456
4	Field-Evolved Insect Resistance to <i>Bt</i> Crops: Definition, Theory, and Data. <i>Journal of Economic Entomology</i> , 2009, 102, 2011-2025.	1.8	448
5	Insect Resistance to Transgenic Bt Crops: Lessons from the Laboratory and Field. <i>Journal of Economic Entomology</i> , 2003, 96, 1031-1038.	1.8	447
6	Fitness Costs of Insect Resistance to <i>Bacillus thuringiensis</i> . <i>Annual Review of Entomology</i> , 2009, 54, 147-163.	11.8	419
7	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7863-E7870.	7.1	401
8	Three cadherin alleles associated with resistance to <i>Bacillus thuringiensis</i> in pink bollworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5004-5009.	7.1	390
9	Long-term regional suppression of pink bollworm by <i>Bacillus thuringiensis</i> cotton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1519-1523.	7.1	315
10	Optimizing pyramided transgenic Bt crops for sustainable pest management. <i>Nature Biotechnology</i> , 2015, 33, 161-168.	17.5	286
11	Reversing insect adaptation to transgenic insecticidal plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1475-1480.	2.6	253
12	Evolutionary ecology of insect adaptation to Bt crops. <i>Evolutionary Applications</i> , 2010, 3, 561-573.	3.1	245
13	Frequency of resistance to <i>Bacillus thuringiensis</i> in field populations of pink bollworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12980-12984.	7.1	241
14	Defining Terms for Proactive Management of Resistance to Bt Crops and Pesticides. <i>Journal of Economic Entomology</i> , 2014, 107, 496-507.	1.8	225
15	Insect Resistance to Transgenic Bt Crops: Lessons from the Laboratory and Field. <i>Journal of Economic Entomology</i> , 2003, 96, 1031-1038.	1.8	199
16	Farm-scale evaluation of the impacts of transgenic cotton on biodiversity, pesticide use, and yield. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7571-7576.	7.1	198
17	Delayed resistance to transgenic cotton in pink bollworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15389-15393.	7.1	196
18	Delaying evolution of insect resistance to transgenic crops by decreasing dominance and heritability. <i>Journal of Evolutionary Biology</i> , 2004, 17, 904-912.	1.7	184

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19	Suppressing resistance to Bt cotton with sterile insect releases. <i>Nature Biotechnology</i> , 2010, 28, 1304-1307.	17.5	184
20	Can Pyramids and Seed Mixtures Delay Resistance to Bt Crops?. <i>Trends in Biotechnology</i> , 2016, 34, 291-302.	9.3	177
21	Potential shortfall of pyramided transgenic cotton for insect resistance management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5806-5811.	7.1	147
22	Global Patterns of Resistance to Bt Crops Highlighting Pink Bollworm in the United States, China, and India. <i>Journal of Economic Entomology</i> , 2019, 112, 2513-2523.	1.8	139
23	Alternative Splicing and Highly Variable Cadherin Transcripts Associated with Field-Evolved Resistance of Pink Bollworm to Bt Cotton in India. <i>PLoS ONE</i> , 2014, 9, e97900.	2.5	128
24	ROLES OF FOOD QUALITY AND ENEMY-FREE SPACE IN HOST USE BY A GENERALIST INSECT HERBIVORE. <i>Ecology</i> , 2004, 85, 2747-2753.	3.2	127
25	Inheritance of Resistance to Bt Toxin Cry1Ac in a Field-Derived Strain of Pink Bollworm (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Over 1.8 126	1.8	126
26	Overwintering Cost Associated with Resistance to Transgenic Cotton in the Pink Bollworm (Lepidoptera: Gelechiidae). <i>Journal of Economic Entomology</i> , 2001, 94, 935-941.	1.8	123
27	The interplay between nutrient balancing and toxin dilution in foraging by a generalist insect herbivore. <i>Animal Behaviour</i> , 2002, 64, 629-643.	1.9	114
28	Asymmetrical cross-resistance between <i>Bacillus thuringiensis</i> toxins Cry1Ac and Cry2Ab in pink bollworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11889-11894.	7.1	113
29	A GIS-based approach for areawide pest management: the scales of <i>Lygus hesperus</i> movements to cotton from alfalfa, weeds, and cotton. <i>Entomologia Experimentalis Et Applicata</i> , 2006, 118, 203-210.	1.4	110
30	Control of Resistant Pink Bollworm (<i>Pectinophora gossypiella</i>) by Transgenic Cotton That Produces <i>Bacillus thuringiensis</i> Toxin Cry2Ab. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3790-3794.	3.1	109
31	Mating behaviour, life history and adaptation to insecticides determine species exclusion between whiteflies. <i>Journal of Animal Ecology</i> , 2010, 79, 563-570.	2.8	105
32	Disentangling Food Quality from Resistance against Parasitoids: Diet Choice by a Generalist Caterpillar. <i>American Naturalist</i> , 2004, 164, 423-429.	2.1	104
33	Arthropod Abundance and Diversity in Bt and Non-Bt Cotton Fields. <i>Environmental Entomology</i> , 2004, 33, 921-929.	1.4	102
34	Large-Scale Management of Insect Resistance to Transgenic Cotton in Arizona - Can Transgenic Insecticidal Crops be Sustained?. <i>Journal of Economic Entomology</i> , 2001, 94, 315-325.	1.8	101
35	Effects of Bt Cotton and Cry1Ac Toxin on Survival and Development of Pink Bollworm (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Over 1.8 99	1.8	99
36	Effects of Gossypol on Fitness Costs Associated with Resistance to Bt Cotton in Pink Bollworm. <i>Journal of Economic Entomology</i> , 2004, 97, 1710-1718.	1.8	97

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37	Cross-resistance to toxins used in pyramided Bt crops and resistance to Bt sprays in <i>Helicoverpa zea</i> . <i>Journal of Invertebrate Pathology</i> , 2015, 132, 149-156.	3.2	92
38	Fitness Costs and Maternal Effects Associated with Resistance to Transgenic Cotton in the Pink Bollworm (Lepidoptera: Gelechiidae). <i>Journal of Economic Entomology</i> , 2001, 94, 1571-1576.	1.8	87
39	Pathogenicity of the Fungus <i>Verticillium lecanii</i> to Aphids and Powdery Mildew. <i>Biocontrol Science and Technology</i> , 1998, 8, 23-32.	1.3	85
40	Association Between Resistance to Bt Cotton and Cadherin Genotype in Pink Bollworm. <i>Journal of Economic Entomology</i> , 2005, 98, 635-644.	1.8	85
41	Inheritance of Resistance to Bt Toxin Cry1Ac in a Field-Derived Strain of Pink Bollworm (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	85
42	Evolution of Resistance to Transgenic Crops: Interactions Between Insect Movement and Field Distribution. <i>Journal of Economic Entomology</i> , 2005, 98, 1751-1762.	1.8	80
43	Effects of Insect Population Size on Evolution of Resistance to Transgenic Crops. <i>Journal of Economic Entomology</i> , 2004, 97, 1413-1424.	1.8	79
44	Large-scale, spatially-explicit test of the refuge strategy for delaying insecticide resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 775-780.	7.1	78
45	Hybridizing transgenic Bt cotton with non-Bt cotton counters resistance in pink bollworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5413-5418.	7.1	78
46	The evolution of offspring size and number: a test of the Smith-Fretwell model in three species of crickets. <i>Oecologia</i> , 1995, 102, 389-396.	2.0	75
47	Transgenic cotton and sterile insect releases synergize eradication of pink bollworm a century after it invaded the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	75
48	EVOLUTIONARY TRADE-OFFS OF INSECT RESISTANCE TO BACILLUS THURINGIENSIS CROPS: FITNESS COST AFFECTING PATERNITY. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 915-920.	2.3	74
49	Genetics of Pink Bollworm Resistance to $Bacillus thuringiensis$ Toxin Cry1Ac. <i>Journal of Economic Entomology</i> , 2001, 94, 248-252.	1.8	72
50	SOURCES, SINKS, AND THE ZONE OF INFLUENCE OF REFUGES FOR MANAGING INSECT RESISTANCE TO Bt CROPS. , 2004, 14, 1615-1623.		70
51	The Joint Evolution of Diapause and Insecticide Resistance: A Test of an Optimality Model. <i>Ecology</i> , 1995, 76, 1497-1505.	3.2	68
52	Plasticity in mating behaviour drives asymmetric reproductive interference in whiteflies. <i>Animal Behaviour</i> , 2010, 79, 579-587.	1.9	68
53	ABC transporter mis-splicing associated with resistance to Bt toxin Cry2Ab in laboratory- and field-selected pink bollworm. <i>Scientific Reports</i> , 2018, 8, 13531.	3.3	66
54	DNA Screening Reveals Pink Bollworm Resistance to Bt Cotton Remains Rare After a Decade of Exposure. <i>Journal of Economic Entomology</i> , 2006, 99, 1525-1530.	1.8	65

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55	Dual mode of action of Bt proteins: protoxin efficacy against resistant insects. <i>Scientific Reports</i> , 2015, 5, 15107.	3.3	59
56	Haplodiploidy, Sex, and the Evolution of Pesticide Resistance. <i>Journal of Economic Entomology</i> , 2003, 96, 1626-1640.	1.8	58
57	DNA-based detection of Bt resistance alleles in pink bollworm. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 1225-1233.	2.7	57
58	Long-term evaluation of compliance with refuge requirements for Bt cotton. <i>Pest Management Science</i> , 2005, 61, 327-330.	3.4	57
59	A seed mixture increases dominance of resistance to Bt cotton in <i>Helicoverpa zea</i> . <i>Scientific Reports</i> , 2015, 5, 9807.	3.3	57
60	Effects of Cotton Cultivar on Fitness Costs Associated with Resistance of Pink Bollworm (Lepidoptera: Gelechiidae) to Bt Cotton. <i>Journal of Economic Entomology</i> , 2005, 98, 947-954.	1.8	54
61	Governing evolution: A socioecological comparison of resistance management for insecticidal transgenic Bt crops among four countries. <i>Ambio</i> , 2020, 49, 1-16.	5.5	54
62	Field-Evolved Resistance to Bt Cotton: Bollworm in the U.S. and Pink Bollworm in India. <i>Southwestern Entomologist</i> , 2010, 35, 417-424.	0.2	53
63	Effects of Local and Landscape Factors on Population Dynamics of a Cotton Pest. <i>PLoS ONE</i> , 2012, 7, e39862.	2.5	53
64	Effect of Entomopathogenic Nematodes on the Fitness Cost of Resistance to Bt Toxin Cry1Ac in Pink Bollworm (Lepidoptera: Gelechiidae). <i>Journal of Economic Entomology</i> , 2006, 99, 920-926.	1.8	52
65	Synergism between entomopathogenic nematodes and <i>Bacillus thuringiensis</i> crops: integrating biological control and resistance management. <i>Journal of Applied Ecology</i> , 2008, 45, 957-966.	4.0	52
66	Comparing the refuge strategy for managing the evolution of insect resistance under different reproductive strategies. <i>Journal of Theoretical Biology</i> , 2009, 261, 423-430.	1.7	52
67	A Primer for Using Transgenic Insecticidal Cotton in Developing Countries. <i>Journal of Insect Science</i> , 2009, 9, 1-39.	1.5	52
68	Fitness Cost of Resistance to Bt Cotton Linked with Increased Gossypol Content in Pink Bollworm Larvae. <i>PLoS ONE</i> , 2011, 6, e21863.	2.5	51
69	Pollen- and Seed-Mediated Transgene Flow in Commercial Cotton Seed Production Fields. <i>PLoS ONE</i> , 2010, 5, e14128.	2.5	50
70	DNA Screening Reveals Pink Bollworm Resistance to Bt Cotton Remains Rare After a Decade of Exposure. <i>Journal of Economic Entomology</i> , 2006, 99, 1525-1530.	1.8	50
71	Haplodiploidy, Sex, and the Evolution of Pesticide Resistance. <i>Journal of Economic Entomology</i> , 2003, 96, 1626-1640.	1.8	49
72	Evaluating Cross-resistance Between Vip and Cry Toxins of <i>Bacillus thuringiensis</i> . <i>Journal of Economic Entomology</i> , 2020, 113, 553-561.	1.8	48

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73	West Nile Virus Prevalence across Landscapes Is Mediated by Local Effects of Agriculture on Vector and Host Communities. <i>PLoS ONE</i> , 2013, 8, e55006.	2.5	48
74	Host plant exploitation within a population of a generalist herbivore, <i>Choristoneura rosaceana</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1992, 65, 1-10.	1.4	47
75	Change in genetic architecture resulting from the evolution of insecticide resistance: a theoretical and empirical analysis. <i>Heredity</i> , 1995, 75, 618-629.	2.6	47
76	Modeling Evolution of Resistance to Pyriproxyfen by the Sweetpotato Whitefly (Homoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.8	47
77	Shared Genetic Basis of Resistance to Bt Toxin Cry1Ac in Independent Strains of Pink Bollworm. <i>Journal of Economic Entomology</i> , 2004, 97, 721-726.	1.8	44
78	Multi-Toxin Resistance Enables Pink Bollworm Survival on Pyramided Bt Cotton. <i>Scientific Reports</i> , 2015, 5, 16554.	3.3	43
79	Sustained susceptibility of pink bollworm to Bt cotton in the United States. <i>GM Crops and Food</i> , 2012, 3, 194-200.	3.8	38
80	Cadherin-Based Resistance to <i>Bacillus thuringiensis</i> Cotton in Hybrid Strains of Pink Bollworm: Fitness Costs and Incomplete Resistance. <i>Journal of Economic Entomology</i> , 2006, 99, 1925-1935.	1.8	37
81	Influence of the surrounding landscape on crop colonization by a polyphagous insect pest. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 149, 11-21.	1.4	37
82	Effect of Entomopathogenic Nematodes on the Fitness Cost of Resistance to Bt Toxin Cry1Ac in Pink Bollworm (Lepidoptera: Gelechiidae). <i>Journal of Economic Entomology</i> , 2006, 99, 920-926.	1.8	36
83	Resistance Management for Sustainable Use of <i>Bacillus thuringiensis</i> Crops in Integrated Pest Management. , 2004, , 65-95.		33
84	Effects of Refuge Contamination by Transgenes on Bt Resistance in Pink Bollworm (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.8	33
85	Crop rotation mitigates impacts of corn rootworm resistance to transgenic Bt corn. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18385-18392.	7.1	33
86	Effects of Pink Bollworm Resistance to <i>Bacillus thuringiensis</i> on Phenoloxidase Activity and Susceptibility to Entomopathogenic Nematodes. <i>Journal of Economic Entomology</i> , 2009, 102, 1224-1232.	1.8	32
87	Shared Genetic Basis of Resistance to Bt Toxin Cry1Ac in Independent Strains of Pink Bollworm. <i>Journal of Economic Entomology</i> , 2004, 97, 721-726.	1.8	32
88	Trade-offs in responses to host plants within a population of a generalist herbivore, <i>Choristoneura rosaceana</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1994, 72, 173-180.	1.4	31
89	Effects of male genetic contribution and paternal investment to egg and hatchling size in the cricket. <i>Journal of Evolutionary Biology</i> , 1998, 11, 135.	1.7	31
90	Assessing the role of non-cotton refuges in delaying <i>Helicoverpa armigera</i> resistance to Bt cotton in West Africa. <i>Evolutionary Applications</i> , 2012, 5, 53-65.	3.1	30

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91	Decreased Cry1Ac activation by midgut proteases associated with Cry1Ac resistance in <i>Helicoverpa zea</i> . <i>Pest Management Science</i> , 2019, 75, 1099-1106.	3.4	30
92	Evolution of phenotypic variance: non-Mendelian parental influences on phenotypic and genotypic components of life-history traits in a generalist herbivore. <i>Heredity</i> , 1994, 72, 420-430.	2.6	29
93	Obliquebanded Leafroller (Lepidoptera: Tortricidae) Resistance to Insecticides: Among-Orchard Variation and Cross-Resistance. <i>Journal of Economic Entomology</i> , 1996, 89, 577-582.	1.8	29
94	Resistance to <i>Bacillus thuringiensis</i> toxin Cry2Ab and survival on single toxin and pyramided cotton in cotton bollworm from China. <i>Evolutionary Applications</i> , 2017, 10, 170-179.	3.1	29
95	Larval dispersal from potential hosts within a population of a generalist herbivore, <i>Choristoneura rosaceana</i> . <i>Entomologia Experimentalis Et Applicata</i> , 1992, 65, 11-19.	1.4	28
96	Cadherin-Based Resistance to <i>Bacillus thuringiensis</i> Cotton in Hybrid Strains of Pink Bollworm: Fitness Costs and Incomplete Resistance. <i>Journal of Economic Entomology</i> , 2006, 99, 1925-1935.	1.8	28
97	Evolution of host-selection behaviour in insect herbivores: genetic variation and covariation in host acceptance within and between populations of <i>Choristoneura rosaceana</i> (Family: Tortricidae), the obliquebanded leafroller. <i>Heredity</i> , 1995, 74, 357-368.	2.6	27
98	Optimality modelling and quantitative genetics as alternatives to study the evolution of foraging behaviours in insect herbivores. <i>Evolutionary Ecology</i> , 1996, 10, 289-305.	1.2	27
99	EVOLUTION OF THERMAL SENSITIVITY OF PARASITIZATION CAPACITY IN EGG PARASITIDS. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 2028-2032.	2.3	26
100	Oviposition on and Mining in Bolls of Bt and Non-Bt Cotton by Resistant and Susceptible Pink Bollworm (Lepidoptera: Gelechiidae). <i>Journal of Economic Entomology</i> , 2002, 95, 143-148.	1.8	26
101	Field Evaluation of Resistance to Pyriproxyfen in <i>Bemisia tabaci</i> (B Biotype). <i>Journal of Economic Entomology</i> , 2007, 100, 1650-1656.	1.8	26
102	Effects of transgenic Bt cotton on insecticide use and abundance of two generalist predators. <i>Entomologia Experimentalis Et Applicata</i> , 2007, 124, 305-311.	1.4	26
103	A long non-coding RNA regulates cadherin transcription and susceptibility to Bt toxin Cry1Ac in pink bollworm, <i>Pectinophora gossypiella</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 158, 54-60.	3.6	26
104	Seasonal Declines in Cry1Ac and Cry2Ab Concentration in Maturing Cotton Favor Faster Evolution of Resistance to Pyramided Bt Cotton in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 2019, 112, 2907-2914.	1.8	25
105	Effects of dietary protein to carbohydrate ratio on Bt toxicity and fitness costs of resistance in <i>Helicoverpa zea</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2015, 156, 28-36.	1.4	24
106	CRISPR-mediated mutations in the ABC transporter gene ABCA2 confer pink bollworm resistance to Bt toxin Cry2Ab. <i>Scientific Reports</i> , 2021, 11, 10377.	3.3	23
107	Evolutionary trade-offs of insect resistance to <i>Bacillus thuringiensis</i> crops: fitness cost affecting paternity. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 915-20.	2.3	23
108	Effects of Refuge Contamination by Transgenes on Bt Resistance in Pink Bollworm (Lepidoptera: Tortricidae). <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1037-1044.	1.8	22

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109	Constraints on the Evolution of Thermal Sensitivity of Foraging in <i>Trichogramma</i> : Genetic Tradeoffs and Plasticity in Maternal Selection. <i>American Naturalist</i> , 2001, 157, 570-581.	2.1	21
110	Modeling Evolution of Resistance to Pyriproxyfen by the Sweetpotato Whitefly (Homoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.8	21
111	Harvesting Data from Genetically Engineered Crops. <i>Science</i> , 2008, 320, 452-453.	12.6	20
112	Lack of fitness costs associated with pyriproxyfen resistance in the B biotype of <i>Bemisia tabaci</i> . <i>Pest Management Science</i> , 2009, 65, 235-240.	3.4	20
113	Contemporary and historical classification of crop types in Arizona. <i>International Journal of Remote Sensing</i> , 2013, 34, 6024-6036.	2.9	20
114	Assessing Transmission of Crop Diseases by Insect Vectors in a Landscape Context. <i>Journal of Economic Entomology</i> , 2014, 107, 1-10.	1.8	20
115	The coadaptation of female morphology and offspring size: a comparative analysis in crickets. <i>Oecologia</i> , 1997, 110, 197-204.	2.0	19
116	Effect of Endophyte Incidence in Perennial Ryegrass on Distribution, Host-Choice, and Performance of the Hairy Chinch Bug (Hemiptera: Lygaeidae). <i>Journal of Economic Entomology</i> , 1998, 91, 324-328.	1.8	19
117	Predicting Spring Moth Emergence in the Pink Bollworm (Lepidoptera: Gelechiidae): Implications for Managing Resistance to Transgenic Cotton. <i>Journal of Economic Entomology</i> , 2001, 94, 1012-1021.	1.8	19
118	High-Level Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac and Cadherin Genotype in Pink Bollworm. <i>Journal of Economic Entomology</i> , 2006, 99, 2125-2131.	1.8	19
119	Modeling the Effects of Plant-to-Plant Gene Flow, Larval Behavior, and Refuge Size on Pest Resistance to Bt Cotton. <i>Environmental Entomology</i> , 2011, 40, 484-495.	1.4	19
120	Effects of seasonal changes in cotton plants on the evolution of resistance to pyramided cotton producing the Bt toxins Cry1Ac and Cry1F in <i>Helicoverpa zea</i> . <i>Pest Management Science</i> , 2018, 74, 627-637.	3.4	19
121	Managing Fall Armyworm in Africa: Can Bt Maize Sustainably Improve Control?. <i>Journal of Economic Entomology</i> , 2021, 114, 1934-1949.	1.8	19
122	Haplodiploidy, sex, and the evolution of pesticide resistance. <i>Journal of Economic Entomology</i> , 2003, 96, 1626-40.	1.8	19
123	Cadherin gene expression and effects of Bt resistance on sperm transfer in pink bollworm. <i>Journal of Insect Physiology</i> , 2009, 55, 1058-1064.	2.0	18
124	Outcrossed cottonseed and adventitious Bt plants in Arizona refuges. <i>Environmental Biosafety Research</i> , 2008, 7, 87-96.	1.1	17
125	Effects of Entomopathogenic Nematodes on Evolution of Pink Bollworm Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac. <i>Journal of Economic Entomology</i> , 2012, 105, 994-1005.	1.8	16
126	Gene Flow Between Bt and Non-Bt Plants in a Seed Mixture Increases Dominance of Resistance to Pyramided Bt Corn in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 2020, 113, 2041-2051.	1.8	16

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127	Bt transgenic crops do not have favorable effects on resistant insects. <i>Journal of Insect Science</i> , 2004, 4, 1-3.	0.9	15
128	High-Level Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac and Cadherin Genotype in Pink Bollworm. <i>Journal of Economic Entomology</i> , 2006, 99, 2125-2131.	1.8	15
129	Effects of Four Nematode Species on Fitness Costs of Pink Bollworm Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac. <i>Journal of Economic Entomology</i> , 2010, 103, 1821-1831.	1.8	15
130	Reduced cadherin expression associated with resistance to Bt toxin Cry1Ac in pink bollworm. <i>Pest Management Science</i> , 2020, 76, 67-74.	3.4	15
131	Effects of gene flow between <i>Bt</i> and non- <i>Bt</i> plants in a seed mixture of <i>Cry1A</i> and <i>Cry2Ab</i> corn on performance of corn earworm in <i>Arizona</i> . <i>Pest Management Science</i> , 2021, 77, 2106-2113.	3.4	15
132	Field Evaluation of Resistance to Pyriproxyfen in <i>Bemisia tabaci</i> (B Biotype). <i>Journal of Economic Entomology</i> , 2007, 100, 1650-1656.	1.8	14
133	Effects of Operational and Environmental Factors on Evolution of Resistance to Pyriproxyfen in the Sweetpotato Whitefly (Hemiptera: Aleyrodidae). <i>Environmental Entomology</i> , 2008, 37, 1514-1524.	1.4	14
134	Mutations in a Novel Cadherin Gene Associated with Bt Resistance in <i>Helicoverpa zea</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1563-1574.	1.8	14
135	Novel genetic basis of resistance to Bt toxin Cry1Ac in <i>Helicoverpa zea</i> . <i>Genetics</i> , 2022, 221, .	2.9	14
136	Landscape effects of transgenic cotton on non-target ants and beetles. <i>Basic and Applied Ecology</i> , 2009, 10, 597-606.	2.7	13
137	Shared and Independent Genetic Basis of Resistance to Bt Toxin Cry2Ab in Two Strains of Pink Bollworm. <i>Scientific Reports</i> , 2020, 10, 7988.	3.3	13
138	Sequencing, de novo assembly and annotation of a pink bollworm larval midgut transcriptome. <i>GigaScience</i> , 2016, 5, 28.	6.4	12
139	Nontarget Effects of Transgenic Insecticidal Crops: Implications of Source-Sink Population Dynamics. <i>Environmental Entomology</i> , 2007, 36, 121-127.	1.4	11
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