

Fei Yang

List of Publications by Year in descending order

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39
papers

1,193
citations

331259

21
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395343

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all docs

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docs citations

39
times ranked

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#	ARTICLE	IF	CITATIONS
1	Status of Cry1Ac and Cry2Ab2 resistance in field populations of <i>Helicoverpa zea</i> in Texas, USA. <i>Insect Science</i> , 2022, 29, 487-495.	1.5	10
2	Evaluation of Bt resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) strains using various Bt cotton plant tissues. <i>Pest Management Science</i> , 2022, 78, 95-103.	1.7	3
3	Effects of cross-pollination among non-Bt and pyramided Bt corn expressing cry proteins in seed mixtures on resistance development of dual-gene resistant <i>Helicoverpa zea</i> . <i>Pest Management Science</i> , 2022, 78, 3260-3265.	1.7	1
4	Effective dominance and redundant killing of single and dual-gene resistant populations of <i>Helicoverpa zea</i> on pyramided Bt corn and cotton. <i>Pest Management Science</i> , 2022, 78, 4333-4339.	1.7	10
5	Genetic basis of resistance to the Vip3Aa Bt protein in <i>Helicoverpa zea</i> . <i>Pest Management Science</i> , 2021, 77, 1530-1535.	1.7	18
6	No positive cross-resistance to Cry1 and Cry2 proteins favors pyramiding strategy for management of Vip3Aa resistance in <i>Spodoptera frugiperda</i> . <i>Pest Management Science</i> , 2021, 77, 1963-1970.	1.7	5
7	Development of Economic Thresholds Toward Bollworm (Lepidoptera: Noctuidae), Management in Bt Cotton, and Assessment of the Benefits From Treating Bt Cotton With Insecticide. <i>Journal of Economic Entomology</i> , 2021, 114, 2493-2504.	0.8	3
8	Multiple and non-recessive resistance to Bt proteins in a Cry2Ab2-resistant population of <i>Helicoverpa zea</i> . <i>Crop Protection</i> , 2021, 145, 105650.	1.0	9
9	Genetic basis and cross-resistance of Vip3Aa resistance in <i>Spodoptera frugiperda</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT / Oyerlock 1	1.0	8
10	Early Warning of Resistance to Bt Toxin Vip3Aa in <i>Helicoverpa zea</i> . <i>Toxins</i> , 2021, 13, 618.	1.5	30
11	Extended evaluation of Bt protein cross-pollination in seed blend plantings on survival, growth, and development of <i>Helicoverpa zea</i> feeding on refuge ears. <i>Pest Management Science</i> , 2020, 76, 1011-1019.	1.7	9
12	Inheritance of <i>Bacillus thuringiensis</i> Cry2Ab2 protein resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae). <i>Pest Management Science</i> , 2020, 76, 3676-3684.	1.7	26
13	First documentation of major Vip3Aa resistance alleles in field populations of <i>Helicoverpa zea</i> (Boddie) (Lepidoptera: Noctuidae) in Texas, USA. <i>Scientific Reports</i> , 2020, 10, 5867.	1.6	40
14	F2 screen for resistance to <i>Bacillus thuringiensis</i> Vip3Aa51 protein in field populations of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) from Texas, USA. <i>Crop Protection</i> , 2019, 126, 104915.	1.0	17
15	Fecundity of the parental and fitness of the F1 populations of corn earworm from refuge ears of seed blend plantings with Genuity® SmartStax, maize. <i>Crop Protection</i> , 2019, 124, 104873.	1.0	4
16	<i>Bacillus thuringiensis</i> Cry1Da_7 and Cry1B.868 Protein Interactions with Novel Receptors Allow Control of Resistant Fall Armyworms, <i>Spodoptera frugiperda</i> (J.E. Smith). <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	33
17	Occurrence and Ear Damage of <i>Helicoverpa zea</i> on Transgenic <i>Bacillus thuringiensis</i> Maize in the Field in Texas, U.S. and Its Susceptibility to Vip3A Protein. <i>Toxins</i> , 2019, 11, 102.	1.5	70
18	Fitness costs of Vip3A resistance in <i>Spodoptera frugiperda</i> on different hosts. <i>Pest Management Science</i> , 2019, 75, 1074-1080.	1.7	27

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19	Possibly similar genetic basis of resistance to <i>Bacillus thuringiensis</i> Cry1Ab protein in 3 resistant colonies of the sugarcane borer collected from Louisiana, USA. <i>Insect Science</i> , 2018, 25, 241-250.	1.5	4
20	F ₂ screen, inheritance and cross-resistance of field-derived Vip3A resistance in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) collected from Louisiana, USA. <i>Pest Management Science</i> , 2018, 74, 1769-1778.	1.7	56
21	Susceptibility of Cry1F-maize resistant, heterozygous, and susceptible <i>Spodoptera frugiperda</i> to Bt proteins used in the transgenic cotton. <i>Crop Protection</i> , 2017, 98, 128-135.	1.0	30
22	Cross-resistance to purified Bt proteins, Bt corn and Bt cotton in a Cry2Ab2 corn resistant strain of <i>Spodoptera frugiperda</i> . <i>Pest Management Science</i> , 2017, 73, 2495-2503.	1.7	30
23	Pollen contamination in seed mixture increases the dominance of resistance to Bt maize in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Pest Management Science</i> , 2017, 73, 2379-2385.	1.7	18
24	Performance and cross-crop resistance of Cry1F-maize selected <i>Spodoptera frugiperda</i> on transgenic Bt cotton: implications for resistance management. <i>Scientific Reports</i> , 2016, 6, 28059.	1.6	43
25	Frequency of <i>Bacillus thuringiensis</i> Cry1A.105 resistance alleles in field populations of the fall armyworm, <i>Spodoptera frugiperda</i> , in Louisiana and Florida. <i>Crop Protection</i> , 2016, 83, 83-89.	1.0	20
26	Refuge-in-the-Bag Strategy for Managing Insect Resistance to BT Maize. <i>Outlooks on Pest Management</i> , 2015, 26, 226-228.	0.1	9
27	Identification, inheritance, and fitness costs of Cry2Ab2 resistance in a field-derived population of sugarcane borer, <i>Diatraea saccharalis</i> (F.) (Lepidoptera: Crambidae). <i>Journal of Invertebrate Pathology</i> , 2015, 130, 116-123.	1.5	8
28	Performance of Agrisure [®] Viptera [®] , [†] 3111 corn against <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) in seed mixed plantings. <i>Crop Protection</i> , 2015, 69, 77-82.	1.0	34
29	A Challenge for the Seed Mixture Refuge Strategy in Bt Maize: Impact of Cross-Pollination on an Ear-Feeding Pest, Corn Earworm. <i>PLoS ONE</i> , 2014, 9, e112962.	1.1	61
30	Larval survival and plant injury of Cry1F-susceptible, -resistant, and -heterozygous fall armyworm (Lepidoptera: Noctuidae) on non-Bt and Bt corn containing single or pyramided genes. <i>Crop Protection</i> , 2014, 59, 22-28.	1.0	52
31	Occurrence, distribution, and ear damage of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) in mixed plantings of non-Bt and Bt corn containing Genuity [®] SmartStax [®] , [†] traits. <i>Crop Protection</i> , 2014, 55, 127-132.	1.0	26
32	Cry1F Resistance in Fall Armyworm <i>Spodoptera frugiperda</i> : Single Gene versus Pyramided Bt Maize. <i>PLoS ONE</i> , 2014, 9, e112958.	1.1	247
33	Analysis of three leafminers' complete mitochondrial genomes. <i>Gene</i> , 2013, 529, 1-6.	1.0	24
34	Susceptibility of Cry1Ab maize-resistant and -susceptible strains of sugarcane borer (Lepidoptera: Noctuidae) to transgenic Bt maize. <i>PLoS ONE</i> , 2013, 8, e61233.	1.5	23
35	Susceptibility of Louisiana and Florida Populations of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) to transgenic Bt Maize. <i>Florida Entomologist</i> , 2013, 96, 714-723.	0.2	24
36	Susceptibility of Louisiana and Florida populations of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) to transgenic Agrisure [®] Viptera [®] , [†] 3111 corn. <i>Crop Protection</i> , 2013, 50, 37-39.	1.0	28

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37	Susceptibility of Field Populations of the Fall Armyworm (Lepidoptera: Noctuidae) from Florida and Puerto Rico to Purified Cry1f Protein and Corn Leaf Tissue Containing Single and Pyramided Bt Genes. Florida Entomologist, 2013, 96, 701-713.	0.2	64
38	Occurrence and larval movement of <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae) in seed mixes of non-Bt and Bt pyramid corn. Pest Management Science, 2013, 69, 1163-1172.	1.7	27
39	The complete mitochondrial genome of the leafminer <i>Liriomyza sativae</i> (Diptera: Agromyzidae): Great difference in the A+T-rich region compared to <i>Liriomyza trifolii</i> . Gene, 2011, 485, 7-15.	1.0	42