

# Fei Yang

## List of Publications by Year in descending order

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39  
papers

1,193  
citations

331538

21  
h-index

395590

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cry1F Resistance in Fall Armyworm <i>Spodoptera frugiperda</i> : Single Gene versus Pyramided Bt Maize. PLoS ONE, 2014, 9, e112958.	1.1	247
2	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. Toxins, 2019, 11, 102.	1.5	70
3	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
4	A Challenge for the Seed Mixture Refuge Strategy in Bt Maize: Impact of Cross-Pollination on an Ear-Feeding Pest, Corn Earworm. PLoS ONE, 2014, 9, e112962.	1.1	61
5	F <sub>2</sub> screen, inheritance and cross-resistance of field-derived Vip3A resistance in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) collected from Louisiana, USA. Pest Management Science, 2018, 74, 1769-1778.	1.7	56
6	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. Crop Protection, 2014, 59, 22-28.	1.0	52
7	Performance and cross-crop resistance of Cry1F-maize selected <i>Spodoptera frugiperda</i> on transgenic Bt cotton: implications for resistance management. Scientific Reports, 2016, 6, 28059.	1.6	43
8	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
9	First documentation of major Vip3Aa resistance alleles in field populations of <i>Helicoverpa zea</i> (Boddie) (Lepidoptera: Noctuidae) in Texas, USA. Scientific Reports, 2020, 10, 5867.	1.6	40
10	Performance of Agrisure <sup>®</sup> Viptera <sup>®</sup> , <sup>®</sup> 3111 corn against <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) in seed mixed plantings. Crop Protection, 2015, 69, 77-82.	1.0	34
11	<i>Bacillus thuringiensis</i> Cry1Da <sub>7</sub> and Cry1B.868 Protein Interactions with Novel Receptors Allow Control of Resistant Fall Armyworms, <i>Spodoptera frugiperda</i> (J.E. Smith). Applied and Environmental Microbiology, 2019, 85, .	1.4	33
12	Susceptibility of Cry1F-maize resistant, heterozygous, and susceptible <i>Spodoptera frugiperda</i> to Bt proteins used in the transgenic cotton. Crop Protection, 2017, 98, 128-135.	1.0	30
13	Cross-resistance to purified Bt proteins, Bt corn and Bt cotton in a Cry2Ab2 <sup>®</sup> corn resistant strain of <i>Spodoptera frugiperda</i> . Pest Management Science, 2017, 73, 2495-2503.	1.7	30
14	Early Warning of Resistance to Bt Toxin Vip3Aa in <i>Helicoverpa zea</i> . Toxins, 2021, 13, 618.	1.5	30
15	Susceptibility of Louisiana and Florida populations of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) to transgenic Agrisure <sup>®</sup> Viptera <sup>®</sup> , <sup>®</sup> 3111 corn. Crop Protection, 2013, 50, 37-39.	1.0	28
16	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
17	Fitness costs of Vip3A resistance in <i>Spodoptera frugiperda</i> on different hosts. Pest Management Science, 2019, 75, 1074-1080.	1.7	27
18	Occurrence, distribution, and ear damage of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) in mixed plantings of non-Bt and Bt corn containing Genuity <sup>®</sup> SmartStax <sup>®</sup> , <sup>®</sup> traits. Crop Protection, 2014, 55, 127-132.	1.0	26

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19	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
20	Analysis of three leafminers' complete mitochondrial genomes. <i>Gene</i> , 2013, 529, 1-6.	1.0	24
21	Susceptibility of Louisiana and Florida Populations of <i>Spodoptera frugiperda</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock Smartstax Traits. <i>Florida Entomologist</i> , 2013, 96, 714-723.	0.2	24
22	Susceptibility of Cry1Ab maize-resistant and -susceptible strains of sugarcane borer (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	23
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Genetic basis and cross-resistance of Vip3Aa resistance in <i>Spodoptera frugiperda</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	10
34	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
35	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
36	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

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37	Development of Economic Thresholds Toward Bollworm (Lepidoptera: Noctuidae), Management in Bt Cotton, and Assessment of the Benefits From Treating Bt Cotton With Insecticide. Journal of Economic Entomology, 2021, 114, 2493-2504.	0.8	3
38	Evaluation of Bt resistance in <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) strains using various Bt cotton plant tissues. Pest Management Science, 2022, 78, 95-103.	1.7	3
39	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> . Pest Management Science, 2022, 78, 3260-3265.	1.7	1