

# Jianzhou Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1981604/publications.pdf>

Version: 2024-02-01

36  
papers

4,345  
citations

185998

28  
h-index

344852

36  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic, Ecological, Food Safety, and Social Consequences of the Deployment of Bt Transgenic Plants. <i>Annual Review of Entomology</i> , 2002, 47, 845-881.	5.7	705
2	Suppression of Cotton Bollworm in Multiple Crops in China in Areas with Bt Toxin-Containing Cotton. <i>Science</i> , 2008, 321, 1676-1678.	6.0	636
3	Insect resistance management in GM crops: past, present and future. <i>Nature Biotechnology</i> , 2005, 23, 57-62.	9.4	494
4	Transgenic plants expressing two <i>Bacillus thuringiensis</i> toxins delay insect resistance evolution. <i>Nature Biotechnology</i> , 2003, 21, 1493-1497.	9.4	373
5	Monitoring and Characterization of Diamondback Moth (Lepidoptera: Plutellidae) Resistance to Spinosad. <i>Journal of Economic Entomology</i> , 2002, 95, 430-436.	0.8	223
6	Concurrent use of transgenic plants expressing a single and two <i>Bacillus thuringiensis</i> genes speeds insect adaptation to pyramided plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8426-8430.	3.3	198
7	Broccoli plants with pyramided cry1Ac and cry1C Bt genes control diamondback moths resistant to Cry1A and Cry1C proteins. <i>Theoretical and Applied Genetics</i> , 2002, 105, 258-264.	1.8	141
8	The diversity of Bt resistance genes in species of Lepidoptera. <i>Journal of Invertebrate Pathology</i> , 2007, 95, 192-197.	1.5	129
9	Development and Characterization of Diamondback Moth Resistance to Transgenic Broccoli Expressing High Levels of Cry1C. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3784-3789.	1.4	114
10	Mis-Spliced Transcripts of Nicotinic Acetylcholine Receptor $\alpha 6$ Are Associated with Field Evolved Spinosad Resistance in <i>Plutella xylostella</i> (L.). <i>PLoS Genetics</i> , 2010, 6, e1000802.	1.5	110
11	Characterization of Chimeric <i>Bacillus thuringiensis</i> Vip3 Toxins. <i>Applied and Environmental Microbiology</i> , 2007, 73, 956-961.	1.4	106
12	Monitoring of diamondback moth (Lepidoptera: Plutellidae) resistance to spinosad, indoxacarb, and emamectin benzoate. <i>Journal of Economic Entomology</i> , 2006, 99, 176-81.	0.8	94
13	Greenhouse Tests on Resistance Management of Bt Transgenic Plants Using Refuge Strategies. <i>Journal of Economic Entomology</i> , 2001, 94, 240-247.	0.8	92
14	Mechanism of Resistance to <i>Bacillus thuringiensis</i> Toxin Cry1Ac in a Greenhouse Population of the Cabbage Looper, <i>Trichoplusia ni</i> . <i>Applied and Environmental Microbiology</i> , 2007, 73, 1199-1207.	1.4	88
15	Novel genetic basis of field-evolved resistance to Bt toxins in <i>Plutella xylostella</i> . <i>Insect Molecular Biology</i> , 2005, 14, 327-334.	1.0	86
16	A Critical Assessment of the Effects of Bt Transgenic Plants on Parasitoids. <i>PLoS ONE</i> , 2008, 3, e2284.	1.1	86
17	A selective insecticidal protein from <i>Pseudomonas</i> for controlling corn rootworms. <i>Science</i> , 2016, 354, 634-637.	6.0	74
18	Different Cross-Resistance Patterns in the Diamondback Moth (Lepidoptera: Plutellidae) Resistant to <i>Bacillus thuringiensis</i> Toxin Cry1C. <i>Journal of Economic Entomology</i> , 2001, 94, 1547-1552.	0.8	66

#	ARTICLE	IF	CITATIONS
19	Examination of the F&lt;SUB&gt;2&lt;/SUB&gt; Screen for Rare Resistance Alleles to &lt;I&gt;Bacillus thuringiensis&lt;/I&gt; Toxins in the Diamondback Moth (Lepidoptera: Plutellidae). <i>Journal of Economic Entomology</i> , 2002, 95, 14-21.	0.8	59
20	Assessment of cotton aphids, <i>Aphis gossypii</i> , and their natural enemies on aphid-resistant and aphid-susceptible wheat varieties in a wheat?cotton relay intercropping system. <i>Entomologia Experimentalis Et Applicata</i> , 2006, 121, 235-241.	0.7	54
21	Impact of insect-resistant transgenic rice on target insect pests and non-target arthropods in China. <i>Insect Science</i> , 2006, 13, 409-420.	1.5	50
22	Genetic mapping of Bt-toxin binding proteins in a Cry1A-toxin resistant strain of diamondback moth <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 125-135.	1.2	41
23	Effects of the Cry1Ac toxin of <i>Bacillus thuringiensis</i> on <i>Microplitis mediator</i> , a parasitoid of the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2005, 114, 205-213.	0.7	39
24	Sorghum Insect Problems and Management<sup>F</sup>. <i>Journal of Integrative Plant Biology</i> , 2011, 53, 178-192.	4.1	34
25	Inheritance of Resistance to <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> in <i>Trichoplusia ni</i> . <i>Applied and Environmental Microbiology</i> , 2004, 70, 5859-5867.	1.4	33
26	Effects of Bt transgenic cotton lines on the cotton bollworm parasitoid <i>Microplitis mediator</i> in the laboratory. <i>Biological Control</i> , 2005, 35, 134-141.	1.4	33
27	A selective insecticidal protein from <i>Pseudomonas mosselii</i> for corn rootworm control. <i>Plant Biotechnology Journal</i> , 2018, 16, 649-659.	4.1	33
28	Suppression of diamondback moth using Bt-transgenic plants as a trap crop. <i>Crop Protection</i> , 2008, 27, 403-409.	1.0	30
29	Evaluation of a Chemically Inducible Promoter for Developing a Within-Plant Refuge for Resistance Management. <i>Journal of Economic Entomology</i> , 2005, 98, 2188-2194.	0.8	22
30	Impact of single-gene and dual-gene Bt broccoli on the herbivore <i>Pieris rapae</i> (Lepidoptera: Pieridae) and its pupal endoparasitoid <i>Pteromalus puparum</i> (Hymenoptera: Pteromalidae). <i>Transgenic Research</i> , 2008, 17, 545-555.	1.3	20
31	Evaluation of transgenic tobacco expressing two insecticidal genes to delay resistance development of <i>Helicoverpa armigera</i> . <i>Science Bulletin</i> , 1999, 44, 1871-1874.	1.7	18
32	<i>Bacillus thuringiensis</i> protein production, signal transduction, and insect control in chemically inducible PR-1a/cry1Ab broccoli plants. <i>Plant Cell Reports</i> , 2006, 25, 554-560.	2.8	16
33	Resistance of <i>Trichoplusia ni</i> Populations Selected by <i>Bacillus thuringiensis</i> Sprays to Cotton Plants Expressing Pyramided <i>Bacillus thuringiensis</i> Toxins Cry1Ac and Cry2Ab. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1884-1890.	1.4	16
34	Control of <i>Contarinia nasturtii</i> Keiffer (Diptera: Cecidomyiidea) by foliar sprays of acetamiprid on cauliflower transplants. <i>Crop Protection</i> , 2007, 26, 1574-1578.	1.0	12
35	Differences in Resistance to Fenvalerate and Cyhalothrin and Inheritance of Knockdown Resistance to Fenvalerate in <i>Helicoverpa armigera</i> . <i>Pesticide Biochemistry and Physiology</i> , 1998, 61, 79-85.	1.6	11
36	Assessing the Susceptibility of Cruciferous Lepidoptera to Cry1Ba2 and Cry1Ca4 for Future Transgenic Cruciferous Vegetables. <i>Journal of Economic Entomology</i> , 2009, 102, 2217-2223.	0.8	9