Yulin Gao

List of Publications by Year
in descending order

58 papers	1,764 citations	257450 24 h-index	302126 39 g-index
58 all docs	58 docs citations	58 times ranked	1166 citing authors

#	Article	IF	Citations
1	Western flower thrips resistance to insecticides: detection, mechanisms and management strategies. Pest Management Science, 2012, 68, 1111-1121.	3.4	229
2	Invasion Biology, Ecology, and Management of Western Flower Thrips. Annual Review of Entomology, 2020, 65, 17-37.	11.8	164
3	Mutation of an aminopeptidase N gene is associated with Helicoverpa armigera resistance to Bacillus thuringiensis Cry1Ac toxin. Insect Biochemistry and Molecular Biology, 2009, 39, 421-429.	2.7	146
4	Emerging Themes in Our Understanding of Species Displacements. Annual Review of Entomology, 2017, 62, 165-183.	11.8	77
5	Resistance development, stability, crossâ€resistance potential, biological fitness and biochemical mechanisms of spinetoram resistance in <i>Thrips hawaiiensis</i> (Thysanoptera: Thripidae). Pest Management Science, 2018, 74, 1564-1574.	3.4	58
6	An Entomopathogenic Strain of Beauveria bassiana against Frankliniella occidentalis with no Detrimental Effect on the Predatory Mite Neoseiulus barkeri: Evidence from Laboratory Bioassay and Scanning Electron Microscopic Observation. PLoS ONE, 2014, 9, e84732.	2.5	55
7	Characterization of a Cry1Ac toxin-binding alkaline phosphatase in the midgut from Helicoverpa armigera (HÃ¼bner) larvae. Journal of Insect Physiology, 2010, 56, 666-672.	2.0	54
8	Evaluation of<i>Stratiolaelaos scimitus</i>and<i>Neoseiulus barkeri</i>for biological control of thrips on greenhouse cucumbers. Biocontrol Science and Technology, 2014, 24, 1110-1121.	1.3	48
9	Interactions between the entomopathogenic fungus Beauveria bassiana and the predatory mite Neoseiulus barkeri and biological control of their shared prey/host Frankliniella occidentalis. Biological Control, 2016, 98, 43-51.	3.0	47
10	A decade of a thrips invasion in China: lessons learned. Ecotoxicology, 2018, 27, 1032-1038.	2.4	45
11	Screen of Bacillus thuringiensis toxins for transgenic rice to control Sesamia inferens and Chilo suppressalis. Journal of Invertebrate Pathology, 2010, 105, 11-15.	3.2	38
12	Different population performances of Frankliniella occidentalis and Thrips hawaiiensis on flowers of two horticultural plants. Journal of Pest Science, 2018, 91, 79-91.	3.7	38
13	Pesticide-mediated interspecific competition between local and invasive thrips pests. Scientific Reports, 2017, 7, 40512.	3.3	37
14	Impact of proteins and saccharides on mass production of<i>Tyrophagus putrescentiae</i>(Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Technology, 2013, 23, 1231-1244.	1.3	33
15	Potential of a strain of the entomopathogenic fungus<i>Beauveria bassiana</i>(Hypocreales:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 occidentalis</i>(Thysanoptera: Thripidae). Biocontrol Science and Technology, 2012, 22, 491-495.	1.3	32
16	Species Displacements are Common to Two Invasive Species of Leafminer Fly in China, Japan, and the United States. Journal of Economic Entomology, 2011, 104, 1771-1773.	1.8	30
17	Insecticide-Mediated Apparent Displacement between Two Invasive Species of Leafminer Fly. PLoS ONE, 2012, 7, e36622.	2.5	30
18	A decade of leafminer invasion in China: lessons learned. Pest Management Science, 2017, 73, 1775-1779.	3.4	28

#	ARTICLE	IF	CITATIONS
19	Laboratory and field investigation on the orientation of <scp><i>Frankliniella occidentalis</i></scp> (Thysanoptera: Thripidae) to more suitable host plants driven by volatiles and component analysis of volatiles. Pest Management Science, 2019, 75, 598-606.	3.4	28
20	Competitive interaction between Frankliniella occidentalis and locally present thrips species: a global review. Journal of Pest Science, 2021, 94, 5-16.	3.7	28
21	Increased toxicity of <i>Bacillus thuringiensis</i> Cry3Aa against <i>Crioceris quatuordecimpunctata</i>, <i>Phaedon brassicae</i> and <i>Colaphellus bowringi</i> by a <i>Tenebrio molitor</i> cadherin fragment. Pest Management Science, 2011, 67, 1076-1081.	3.4	27
22	Potential use of the fungusBeauveria bassianaagainst the western flower thripsFrankliniella occidentaliswithout reducing the effectiveness of its natural predatorOrius sauteri(Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61	1.3	26
23	Cry2Ab Tolerance Response of <I>Helicoverpa armigera</I> (Lepidoptera: Noctuidae) Populations From Cry1Ac Cotton Planting Region. Journal of Economic Entomology, 2009, 102, 1217-1223.	1.8	25
24	Reduction of Bacillus thuringiensis Cry1Ac toxicity against Helicoverpa armigera by a soluble toxin-binding cadherin fragment. Journal of Insect Physiology, 2009, 55, 686-693.	2.0	25
25	Cotton bollworm resistance to Bt transgenic cotton: A case analysis. Science China Life Sciences, 2010, 53, 934-941.	4.9	25
26	Vip3Aa Tolerance Response of Helicoverpa armigera Populations From a Cry1Ac Cotton Planting Region. Journal of Economic Entomology, 2010, 103, 2169-2173.	1.8	24
27	Bacillus thuringiensis Cry3Aa toxin increases the susceptibility of Crioceris quatuordecimpunctata to Beauveria bassiana infection. Journal of Invertebrate Pathology, 2012, 109, 260-263.	3.2	24
28	Frequency of<i>Bt</i>Resistance Alleles in<i>H. armigera</i>During 2006â€"2008 in Northern China. Environmental Entomology, 2009, 38, 1336-1342.	1.4	22
29	Frequency of<i>Bt</i>Resistance Alleles in<i>Helicoverpa armigera</i>in the Xinjiang Cotton-Planting Region of China. Environmental Entomology, 2010, 39, 1698-1704.	1.4	21
30	Laboratory and greenhouse evaluation of a new entomopathogenic strain of<i>Beauveria bassiana</i>for control of the onion thrips<i>Thrips tabaci</i>. Biocontrol Science and Technology, 2013, 23, 794-802.	1.3	21
31	Monitoring cotton bollworm resistance to Cry1Ac in two counties of northern China during 2009-2013. Pest Management Science, 2015, 71, 377-382.	3.4	19
32	Feeding on Beauveria bassiana-treated Frankliniella occidentalis causes negative effects on the predatory mite Neoseiulus barkeri. Scientific Reports, 2015, 5, 12033.	3.3	19
33	Laboratory and Greenhouse Evaluation of a Granular Formulation of Beauveria bassiana for Control of Western Flower Thrips, Frankliniella occidentalis. Insects, 2019, 10, 58.	2.2	19
34	Interactions between foliage- and soil-dwelling predatory mites and consequences for biological control of Frankliniella occidentalis. BioControl, 2016, 61, 717-727.	2.0	18
35	Spinetoram resistance drives interspecific competition between <i>Megalurothrips usitatus</i> and <i>Frankliniella intonsa</i>. Pest Management Science, 2022, 78, 2129-2140.	3.4	17
36	Behavioral responses of Frankliniella occidentalis to floral volatiles combined with different background visual cues. Arthropod-Plant Interactions, 2018, 12, 31-39.	1.1	15

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37	Local Crop Planting Systems Enhance Insecticide-Mediated Displacement of Two Invasive Leafminer Fly. PLoS ONE, 2014, 9, e92625.	2.5	14
38	Flower injection of imidacloprid and spirotetramat: a novel tool for the management of banana thrips Thrips hawaiiensis. Journal of Pest Science, 2020, 93, 1073-1084.	3.7	14
39	Analysis of seasonal and annual field-evolved insecticide resistance in populations of Thrips hawaiiensis in banana orchards. Journal of Pest Science, 2019, 92, 1293-1307.	3.7	13
40	Oviposition, feeding preference, and biological performance of Thrips hawaiiensis on four host plants with and without supplemental foods. Arthropod-Plant Interactions, 2019, 13, 441-452.	1.1	13
41	Antisera-mediated in vivo reduction of Cry1Ac toxicity in Helicoverpa armigera. Journal of Insect Physiology, 2010, 56, 718-724.	2.0	12
42	Comparison of mechanical properties for mite cuticles in understanding passive defense of phytoseiid mite against fungal infection. Materials and Design, 2018, 140, 241-248.	7.0	11
43	Population development of <i>Frankliniella occidentalis</i> and <i>Thrips hawaiiensis</i> in constant and fluctuating temperatures. Journal of Applied Entomology, 2019, 143, 49-57.	1.8	11
44	Simultaneous application of entomopathogenic Beauveria bassiana granules and predatory mites Stratiolaelaps scimitus for control of western flower thrips, Frankliniella occidentalis. Journal of Pest Science, 2021, 94, 119-127.	3.7	11
45	Effects of elevated <scp>CO₂</scp> on activities of protective and detoxifying enzymes in <scp><i>Frankliniella occidentalis</i></scp> and <scp><i>F. intonsa</i></scp> under spinetoram stress. Pest Management Science, 2022, 78, 274-286.	3.4	11
46	Abundances of thrips on plants in vegetative and flowering stages are related to plant volatiles. Journal of Applied Entomology, 2020, 144, 732-742.	1.8	10
47	Effect of elevated CO2 on the population development of the invasive species Frankliniella occidentalis and native species Thrips hawaiiensis and activities of their detoxifying enzymes. Journal of Pest Science, 2021, 94, 29-42.	3.7	9
48	Behavioral Responses of Thrips hawaiiensis (Thysanoptera: Thripidae) to Volatile Compounds Identified from Gardenia jasminoides Ellis (Gentianales: Rubiaceae). Insects, 2020, 11, 408.	2.2	8
49	Screening, Efficacy and Mechanisms of Microbial Control Agents Against Sucking Pest Insects as Thrips. Advances in Insect Physiology, 2018, , 199-217.	2.7	7
50	Evaluating the Non-Rice Host Plant Species of Sesamia inferens (Lepidoptera: Noctuidae) as Natural Refuges: Resistance Management of Bt Rice. Environmental Entomology, 2011, 40, 749-754.	1.4	6
51	Imidacloprid Pesticide Regulates Gynaikothrips uzeli (Thysanoptera: Phlaeothripidae) Host Choice Behavior and Immunity Against Lecanicillium lecanii (Hypocreales: Clavicipitaceae). Journal of Economic Entomology, 2018, 111, 2069-2075.	1.8	5
52	Toxicity and effects of four insecticides on Na+, K+-ATPase of western flower thrips, Frankliniella occidentalis. Ecotoxicology, 2020, 29, 58-64.	2.4	5
53	Niche comparison among two invasive leafminer species and their parasitoid Opius biroi: implications for competitive displacement. Scientific Reports, 2017, 7, 4246.	3.3	3
54	Frequency of Bt resistance alleles in Helicoverpa armigera in 2007â€“2009 in the Henan cotton growing region of China. Crop Protection, 2011, 30, 679-684.	2.1	2

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55	Susceptibility of Helicoverpa armigera from different host plants in northern China to Bacillus thuringiensis toxin Cry1Ac. Crop Protection, 2011, 30, 1421-1424.	2.1	2
56	Editorial: Plant Responses to Phytophagous Mites/Thrips and Search for Resistance. Frontiers in Plant Science, 2019, 10, 866.	3.6	2
57	Infection of the Western Flower Thrips, Frankliniella occidentalis, by the Insect Pathogenic Fungus Beauveria bassiana. Agronomy, 2021, 11, 1910.	3.0	2
58	Special issue on novel management tactics for the Western flower thrips. Journal of Pest Science, 2021, 94, 1-3.	3.7	1