

# Feng Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

801  
citations

516710

16  
h-index

552781

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal parasitism and host specificity of <i>Trissolcus japonicus</i> in northern China. <i>Journal of Pest Science</i> , 2017, 90, 1127-1141.	3.7	124
2	Behavioral responses of the egg parasitoid <i>Trissolcus japonicus</i> to volatiles from adults of its stink bug host, <i>Halyomorpha halys</i> . <i>Journal of Pest Science</i> , 2017, 90, 1097-1105.	3.7	53
3	Prospects for microbial control of the fall armyworm <i>Spodoptera frugiperda</i> : a review. <i>BioControl</i> , 2020, 65, 647-662.	2.0	45
4	Adult reproductive diapause in <i>Drosophila suzukii</i> females. <i>Journal of Pest Science</i> , 2016, 89, 679-688.	3.7	36
5	Mass releases of <i>Trichogramma ostrinae</i> increase maize production in DPR Korea. <i>Journal of Applied Entomology</i> , 2010, 134, 481-490.	1.8	34
6	Evaluation for Potential <i>Trichogramma</i> (Hymenoptera: Trichogrammatidae) Strains for Control of the Striped Stem Borer (Lepidoptera: Crambidae) in the Greater Mekong Subregion. <i>Journal of Economic Entomology</i> , 2014, 107, 955-963.	1.8	33
7	Investigations into the production of volatile compounds in Korla fragrant pears ( <i>Pyrus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 82	8.2	32
8	Behavioral Evidence and Olfactory Reception of a Single Alarm Pheromone Component in <i>Halyomorpha halys</i> . <i>Frontiers in Physiology</i> , 2018, 9, 1610.	2.8	31
9	Assessment of <i>Trichogramma japonicum</i> and <i>T. chilonis</i> as Potential Biological Control Agents of Yellow Stem Borer in Rice. <i>Insects</i> , 2017, 8, 19.	2.2	30
10	Tracing heavy metals in swine manure - maggot - chicken production chain. <i>Scientific Reports</i> , 2017, 7, 8417.	3.3	27
11	Toxicity of Insecticides Targeting Rice Planthoppers to Adult and Immature Stages of <i>Trichogramma chilonis</i> (Hymenoptera: Trichogrammatidae). <i>Journal of Economic Entomology</i> , 2015, 108, 69-76.	1.8	22
12	Identification and testing of oviposition attractant chemical compounds for <i>Musca domestica</i> . <i>Scientific Reports</i> , 2016, 6, 33017.	3.3	22
13	Functional response and mutual interference of <i>Peristenus spretus</i> (Hymenoptera: Braconidae), a parasitoid of <i>Apolygus lucorum</i> (Heteroptera: Miridae). <i>Biocontrol Science and Technology</i> , 2014, 24, 247-256.	1.3	21
14	Biological Control of Lepidopteran Pests in Rice: A Multi-Nation Case Study From Asia. <i>Journal of Integrated Pest Management</i> , 2020, 11, .	2.0	20
15	Reproductive Biology of <i>Celatoria compressa</i> (Diptera: Tachinidae), a Parasitoid of <i>Diabrotica virgifera virgifera</i> (Coleoptera: Chrysomelidae). <i>Biocontrol Science and Technology</i> , 2004, 14, 5-16.	1.3	19
16	Identification of active components from volatiles of Chinese bayberry, <i>Myrica rubra</i> attractive to <i>Drosophila suzukii</i> . <i>Arthropod-Plant Interactions</i> , 2018, 12, 435-442.	1.1	18
17	Effect of temperature on the reproductive biology of <i>Peristenus spretus</i> (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 82 <i>Biocontrol Science and Technology</i> , 2015, 25, 1410-1425.	1.3	17
18	Development and fecundity of <i>Trissolcus japonicus</i> on fertilized and unfertilized eggs of the brown marmorated stink bug, <i>Halyomorpha halys</i> . <i>Journal of Pest Science</i> , 2018, 91, 1335-1343.	3.7	17

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19	Impact Assessment of Biological Control-Based Integrated Pest Management in Rice and Maize in the Greater Mekong Subregion. <i>Insects</i> , 2019, 10, 226.	2.2	16
20	Basic biology and small-scale rearing of <i>Celatoria compressa</i> (Diptera: Tachinidae), a parasitoid of <i>Diabrotica virgifera virgifera</i> (Coleoptera: Chrysomelidae). <i>Bulletin of Entomological Research</i> , 2003, 93, 569-575.	1.0	14
21	Electrophysiological Responses and Reproductive Behavior of Fall Webworm Moths ( <i>Hyphantria</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 2016, 7, 19.	2.2	14
22	Improved control of <i>Frankliniella occidentalis</i> on greenhouse pepper through the integration of <i>Orius sauteri</i> and neonicotinoid insecticides. <i>Journal of Pest Science</i> , 2021, 94, 101-109.	3.7	14
23	A Comparative Scanning Electron Microscopy Study on Antennal Sensilla of <i>Trissolcus japonicus</i> and <i>Trissolcus plautiae</i> , Egg Parasitoids of Stink Bugs (Pentatomidae). <i>Annals of the Entomological Society of America</i> , 2016, 109, 112-120.	2.5	13
24	Biology, Ecology, and Management of <i>Erthesina fullo</i> (Hemiptera: Pentatomidae): A Review. <i>Insects</i> , 2020, 11, 346.	2.2	13
25	Fitness and interspecific competition of <i>Trissolcus japonicus</i> and <i>Anastatus japonicus</i> , egg parasitoids of <i>Halyomorpha halys</i> . <i>Biological Control</i> , 2021, 152, 104461.	3.0	12
26	A critical evaluation of host ranges of parasitoids of the subtribe <i>Diabroticina</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td and Technology, 2008, 18, 483-504.	1.3	11
27	Field cage assessment of feeding damage by <i>Halyomorpha halys</i> on kiwifruit orchards in China. <i>Journal of Pest Science</i> , 2020, 93, 953-963.	3.7	10
28	A Newly Reported Parasitoid, <i>Pentatomophaga latifascia</i> (Diptera: Tachinidae), of Adult <i>Halyomorpha halys</i> in Beijing, China. <i>Insects</i> , 2020, 11, 666.	2.2	9
29	Reproductive attributes of the eulophid <i>Oomyzus sokolowskii</i> , a biological control agent of diamondback moth, <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). <i>Biocontrol Science and Technology</i> , 2008, 18, 753-765.	1.3	8
30	Interspecific competition between <i>Peristenus spretus</i> and <i>Peristenus relictus</i> (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 117, 115-122.	3.0	8
31	PBP1 plays key roles in sex pheromone reception of the fall armyworm. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 162-169.	7.5	8
32	Maize diversity for fall armyworm resistance in a warming world. <i>Crop Science</i> , 2022, 62, 1-19.	1.8	7
33	Plant Volatiles and Herbivore Induced Plant Volatiles from Chili Pepper Act as Attractant of the Aphid Parasitoid <i>Aphelinus varipes</i> (Hymenoptera: Aphelinidae). <i>Plants</i> , 2022, 11, 1350.	3.5	7
34	Thermal tolerance of potential <i>Trichogramma</i> strains for mass-production and paddy field release in the Greater Mekong Subregion. <i>BioControl</i> , 2017, 62, 731-740.	2.0	6
35	Seasonal Abundance and Diversity of Egg Parasitoids of <i>Halyomorpha halys</i> in Kiwifruit Orchards in China. <i>Insects</i> , 2021, 12, 428.	2.2	6
36	Toxicity of chemical pesticides commonly used in maize to <i>Trichogramma ostrinae</i> (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2022, 241, 113802.	6.0	6

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37	Assessing host specificity of a classical biological control agent against western corn rootworm with a recently developed testing protocol. <i>Biological Control</i> , 2009, 51, 26-33.	3.0	5
38	Olfactory Reception of Host Alarm Pheromone Component by the Odorant-Binding Proteins in the Samurai Wasp, <i>Trissolcus japonicus</i> (Hymenoptera: Scelionidae). <i>Frontiers in Physiology</i> , 2020, 11, 1058.	2.8	5
39	Antennal and Behavioral Responses of <i>Drosophila suzukii</i> to Volatiles from a Non-Crop Host, <i>Osyris wightiana</i> . <i>Insects</i> , 2021, 12, 166.	2.2	5
40	Characterizations of botanical attractant of <i>Halyomorpha halys</i> and selection of relevant deorphanization candidates via computational approach. <i>Scientific Reports</i> , 2022, 12, 4170.	3.3	3
41	<i>Myzus persicae</i> Management through Combined Use of Beneficial Insects and Thiacloprid in Pepper Seedlings. <i>Insects</i> , 2021, 12, 791.	2.2	0