

# Zhen-Ying Wang

## List of Publications by Year in descending order

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109  
papers

2,239  
citations

218381

26  
h-index

301761

39  
g-index

113  
all docs

113  
docs citations

113  
times ranked

1746  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass rearing and release of <i>Trichogramma</i> for biological control of insect pests of corn in China. <i>Biological Control</i> , 2014, 68, 136-144.	1.4	160
2	Initial detections and spread of invasive <i>Spodoptera frugiperda</i> in China and comparisons with other noctuid larvae in cornfields using molecular techniques. <i>Insect Science</i> , 2020, 27, 780-790.	1.5	121
3	Nine facultative endosymbionts in aphids. A review. <i>Journal of Asia-Pacific Entomology</i> , 2017, 20, 794-801.	0.4	82
4	Evaluation of Transgenic Bt Corn for Resistance to the Asian Corn Borer (Lepidoptera: Pyralidae). <i>Journal of Economic Entomology</i> , 2003, 96, 935-940.	0.8	66
5	The Asian corn borer <i>Ostrinia furnacalis</i> feeding increases the direct and indirect defence of mid-whorl stage commercial maize in the field. <i>Plant Biotechnology Journal</i> , 2019, 17, 88-102.	4.1	58
6	Comparison of larval performance and oviposition preference of <i>Spodoptera frugiperda</i> among three host plants: Potential risks to potato and tobacco crops. <i>Insect Science</i> , 2021, 28, 602-610.	1.5	52
7	Graphene oxide as a multifunctional synergist of insecticides against lepidopteran insect. <i>Environmental Science: Nano</i> , 2019, 6, 75-84.	2.2	51
8	Identification of differentially expressed microRNAs between <i>Bacillus thuringiensis</i> Cry1Ab-resistant and -susceptible strains of <i>Ostrinia furnacalis</i> . <i>Scientific Reports</i> , 2015, 5, 15461.	1.6	50
9	“Becoming a species by becoming a pest” or how two maize pests of the genus <i>Ostrinia</i> possibly evolved through parallel ecological speciation events. <i>Molecular Ecology</i> , 2014, 23, 325-342.	2.0	46
10	Graphene oxide as a pesticide delivery vector for enhancing acaricidal activity against spider mites. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 632-638.	2.5	46
11	Inheritance Patterns, Dominance and Cross-Resistance of Cry1Ab- and Cry1Ac-Selected <i>Ostrinia furnacalis</i> (Guenée). <i>Toxins</i> , 2014, 6, 2694-2707.	1.5	45
12	Prospects for microbial control of the fall armyworm <i>Spodoptera frugiperda</i> : a review. <i>BioControl</i> , 2020, 65, 647-662.	0.9	45
13	The Present and Future Role of Insect-Resistant Genetically Modified Maize in IPM. , 2008, , 119-158.		45
14	Down-regulation of aminopeptidase N and ABC transporter subfamily G transcripts in Cry1Ab and Cry1Ac resistant Asian corn borer, <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae). <i>International Journal of Biological Sciences</i> , 2017, 13, 835-851.	2.6	43
15	Transcriptome differences between Cry1Ab resistant and susceptible strains of Asian corn borer. <i>BMC Genomics</i> , 2015, 16, 173.	1.2	42
16	Aphid fecundity and defenses in wheat exposed to a combination of heat and drought stress. <i>Journal of Experimental Botany</i> , 2020, 71, 2713-2722.	2.4	38
17	Morphology and ultrastructure of antennal sensilla of <i>Macrocentrus cingulum</i> Brischke (Hymenoptera: Braconidae) and their probable functions. <i>Micron</i> , 2013, 50, 35-43.	1.1	37
18	A proteomic approach to study the mechanism of tolerance to Bt toxins in <i>Ostrinia furnacalis</i> larvae selected for resistance to Cry1Ab. <i>Transgenic Research</i> , 2013, 22, 1155-1166.	1.3	34

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19	De novo transcriptome and expression profile analyses of the Asian corn borer ( <i>Ostrinia furnacalis</i> ) reveals relevant flubendiamide response genes. <i>BMC Genomics</i> , 2017, 18, 20.	1.2	33
20	Male- and Female-Biased Gene Expression of Olfactory-Related Genes in the Antennae of Asian Corn Borer, <i>Ostrinia furnacalis</i> (Guenée) (Lepidoptera: Crambidae). <i>PLoS ONE</i> , 2015, 10, e0128550.	1.1	33
21	Downregulation and Mutation of a Cadherin Gene Associated with Cry1Ac Resistance in the Asian Corn Borer, <i>Ostrinia furnacalis</i> (Guenée). <i>Toxins</i> , 2014, 6, 2676-2693.	1.5	32
22	Identification of putative chemosensory receptor genes from yellow peach moth <i>Conogethes punctiferalis</i> (Guenée) antennae transcriptome. <i>Scientific Reports</i> , 2016, 6, 32636.	1.6	32
23	Characterization of the Cry1Ah resistance in Asian corn Borer and its cross-resistance to other <i>Bacillus thuringiensis</i> toxins. <i>Scientific Reports</i> , 2018, 8, 234.	1.6	31
24	Effects of Elevated CO <sub>2</sub> and Increased N Fertilization on Plant Secondary Metabolites and Chewing Insect Fitness. <i>Frontiers in Plant Science</i> , 2019, 10, 739.	1.7	31
25	Field trials to evaluate the effects of transgenic cry1le maize on the community characteristics of arthropod natural enemies. <i>Scientific Reports</i> , 2016, 6, 22102.	1.6	30
26	Genetic Basis of Cry1F-Resistance in a Laboratory Selected Asian Corn Borer Strain and Its Cross-Resistance to Other <i>Bacillus thuringiensis</i> Toxins. <i>PLoS ONE</i> , 2016, 11, e0161189.	1.1	28
27	Physiological Responses Induced by <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae) Feeding in Maize and Their Effects on <i>O. furnacalis</i> Performance. <i>Journal of Economic Entomology</i> , 2017, 110, 739-747.	0.8	28
28	Managing the Invasive Fall Armyworm through Biotech Crops: A Chinese Perspective. <i>Trends in Biotechnology</i> , 2021, 39, 105-107.	4.9	28
29	Changes in Life History Parameters of <i>Rhopalosiphum maidis</i> (Homoptera: Aphididae) Under Four Different Elevated Temperature and CO <sub>2</sub> Combinations. <i>Journal of Economic Entomology</i> , 2014, 107, 1411-1418.	0.8	27
30	Binding affinity of five PBPs to <i>Ostrinia</i> sex pheromones. <i>BMC Molecular Biology</i> , 2017, 18, 4.	3.0	27
31	Synergistic Effect of <i>Beauveria bassiana</i> and <i>Trichoderma asperellum</i> to Induce Maize ( <i>Zea mays</i> L.) Defense against the Asian Corn Borer, <i>Ostrinia furnacalis</i> (Lepidoptera, Crambidae) and Larval Immune Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8215.	1.8	27
32	Insecticidal Activity and Synergistic Combinations of Ten Different Bt Toxins against <i>Mythimna separata</i> (Walker). <i>Toxins</i> , 2018, 10, 454.	1.5	26
33	β-1,3-Glucan recognition protein 3 activates the prophenoloxidase system in response to bacterial infection in <i>Ostrinia furnacalis</i> Guenée. <i>Developmental and Comparative Immunology</i> , 2018, 79, 31-43.	1.0	25
34	Detection and geographic distribution of seven facultative endosymbionts in two <i>Rhopalosiphum</i> aphid species. <i>MicrobiologyOpen</i> , 2019, 8, e00817.	1.2	23
35	Three Amino Acid Residues Bind Corn Odorants to McinOBP1 in the Polyembryonic Endoparasitoid of <i>Macrocentrus cingulum</i> Brischke. <i>PLoS ONE</i> , 2014, 9, e93501.	1.1	22
36	Seasonal and geographical variation in diapause and cold hardiness of the Asian corn borer, <i>Ostrinia furnacalis</i> . <i>Insect Science</i> , 2015, 22, 578-586.	1.5	21

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37	Identification of Putative Chemosensory Receptor Genes from the <i>Athetis dissimilis</i> Antennal Transcriptome. <i>PLoS ONE</i> , 2016, 11, e0147768.	1.1	21
38	Transcriptome Comparison Analysis of <i>Ostrinia furnacalis</i> in Four Developmental Stages. <i>Scientific Reports</i> , 2016, 6, 35008.	1.6	21
39	Molecular characterization and volatile binding properties of pheromone binding proteins and general odorant binding proteins in <i>Conogethes pinicolalis</i> (Lepidoptera: Crambidae). <i>International Journal of Biological Macromolecules</i> , 2020, 146, 263-272.	3.6	21
40	The Genetic Structure of Asian Corn Borer, <i>Ostrinia furnacalis</i> , Populations in China: Haplotype Variance in Northern Populations and Potential Impact on Management of Resistance to Transgenic Maize. <i>Journal of Heredity</i> , 2014, 105, 642-655.	1.0	20
41	Gene set of chemosensory receptors in the polyembryonic endoparasitoid <i>Macrocentrus cingulum</i> . <i>Scientific Reports</i> , 2016, 6, 24078.	1.6	20
42	Sense organs on the ovipositor of <i>Macrocentrus cingulum</i> Brischke (Hymenoptera: Braconidae): their probable role in stinging, oviposition and host selection process. <i>Journal of Asia-Pacific Entomology</i> , 2013, 16, 343-348.	0.4	19
43	A field experiment with elevated atmospheric CO <sub>2</sub> -mediated changes to C4 crop-herbivore interactions. <i>Scientific Reports</i> , 2015, 5, 13923.	1.6	19
44	Evaluation of Bt Corn with Pyramided Genes on Efficacy and Insect Resistance Management for the Asian Corn Borer in China. <i>PLoS ONE</i> , 2016, 11, e0168442.	1.1	18
45	Evaluation of Transgenic Bt Corn for Resistance to the Asian Corn Borer (Lepidoptera: Pyralidae). <i>Journal of Economic Entomology</i> , 2003, 96, 935-940.	0.8	18
46	Molecular cloning, expression profile, odorant affinity, and stability of two odorant-binding proteins in <i>Macrocentrus cingulum</i> Brischke (Hymenoptera: Braconidae). <i>Archives of Insect Biochemistry and Physiology</i> , 2017, 94, e21374.	0.6	17
47	Introgression between divergent corn borer species in a region of sympatry: Implications on the evolution and adaptation of pest arthropods. <i>Molecular Ecology</i> , 2017, 26, 6892-6907.	2.0	17
48	Transcriptome and Proteome Alternation With Resistance to <i>Bacillus thuringiensis</i> Cry1Ah Toxin in <i>Ostrinia furnacalis</i> . <i>Frontiers in Physiology</i> , 2019, 10, 27.	1.3	16
49	Sublethal Effects of the Microbial-Derived Insecticide Spinetoram on the Growth and Fecundity of the Fall Armyworm (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 2021, 114, 1582-1587.	0.8	16
50	Genome-Wide Analysis of WRKY Gene Family and the Dynamic Responses of Key WRKY Genes Involved in <i>Ostrinia furnacalis</i> Attack in <i>Zea mays</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 13045.	1.8	16
51	Effects of photoperiod and temperature on diapause induction in <i>Conogethes punctiferalis</i> (Lepidoptera: Pyralidae). <i>Insect Science</i> , 2014, 21, 556-563.	1.5	15
52	Quantitative Trait Loci for Asian Corn Borer Resistance in Maize Population Mc37 Å– Zi330. <i>Agricultural Sciences in China</i> , 2010, 9, 77-84.	0.6	14
53	Direct Effects of Elevated CO <sub>2</sub> Levels on the Fitness Performance of Asian Corn Borer (Lepidoptera: Crambidae) for Multigenerations. <i>Environmental Entomology</i> , 2015, 44, 1250-1257.	0.7	14
54	C-terminus Methionene Specifically Involved in Binding Corn Odorants to Odorant Binding Protein4 in <i>Macrocentrus cingulum</i> . <i>Frontiers in Physiology</i> , 2017, 8, 62.	1.3	14

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55	Contribution of phenoloxidase activation mechanism to Bt insecticidal protein resistance in Asian corn borer. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 88-99.	3.6	14
56	Sexual-biased gene expression of olfactory-related genes in the antennae of <i>Conogethes pinicolalis</i> (Lepidoptera: Crambidae). <i>BMC Genomics</i> , 2020, 21, 244.	1.2	12
57	Identification and expression pattern analysis of chemosensory receptor genes in the <i>Macrocentrus cingulum</i> (Hymenoptera: Braconidae) antennae. <i>European Journal of Entomology</i> , 0, 113, 76-83.	1.2	12
58	Genetic knockout and general odorant-binding/chemosensory protein interactions: Revealing the function and importance of GOBP2 in the yellow peach moth's olfactory system. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1659-1668.	3.6	12
59	Myco-Synergism Boosts Herbivory-Induced Maize Defense by Triggering Antioxidants and Phytohormone Signaling. <i>Frontiers in Plant Science</i> , 2022, 13, 790504.	1.7	12
60	Does <i>Bt</i> maize expressing Cry1Ac protein have adverse effects on the parasitoid <i>Macrocentrus cingulum</i> (Hymenoptera: Braconidae)? <i>Insect Science</i> , 2017, 24, 599-612.	1.5	11
61	Binding Specificity of Two PBPs in the Yellow Peach Moth <i>Conogethes punctiferalis</i> (Guenée). <i>Frontiers in Physiology</i> , 2018, 9, 308.	1.3	11
62	Evolution of Asian Corn Borer Resistance to Bt Toxins Used Singly or in Pairs. <i>Toxins</i> , 2019, 11, 461.	1.5	11
63	Effects of Host Plants Reared under Elevated CO <sub>2</sub> Concentrations on the Foraging Behavior of Different Stages of Corn Leaf Aphids <i>Rhopalosiphum maidis</i> . <i>Insects</i> , 2019, 10, 182.	1.0	11
64	Identification of Cry1Ah-binding proteins through pull down and gene expression analysis in Cry1Ah-resistant and susceptible strains of <i>Ostrinia furnacalis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 163, 200-208.	1.6	11
65	Wolbachia Infection in Populations of <i>Ostrinia furnacalis</i> : Diversity, Prevalence, Phylogeny and Evidence for Horizontal Transmission. <i>Journal of Integrative Agriculture</i> , 2013, 12, 283-295.	1.7	10
66	Molecular Taxonomy of <i>Conogethes punctiferalis</i> and <i>Conogethes pinicolalis</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 1982-1989.	1.7	10
67	Effects of transgenic cry1le maize on non-lepidopteran pest abundance, diversity and community composition. <i>Transgenic Research</i> , 2016, 25, 761-772.	1.3	10
68	Identification of an alkaline phosphatase as a putative Cry1Ac binding protein in <i>Ostrinia furnacalis</i> (Guenée). <i>Pesticide Biochemistry and Physiology</i> , 2016, 131, 80-86.	1.6	9
69	Effects of Wolbachia on mitochondrial DNA variation in populations of <i>Athetis lepigone</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307 T 826-834.	0.7	9
70	GOBP1 Plays a Key Role in Sex Pheromones and Plant Volatiles Recognition in Yellow Peach Moth, <i>Conogethes punctiferalis</i> (Lepidoptera: Crambidae). <i>Insects</i> , 2019, 10, 302.	1.0	9
71	Insecticidal Activity of 11 Bt toxins and 3 Transgenic Maize Events Expressing Vip3Aa19 to Black Cutworm, <i>Agrotis ipsilon</i> (Hufnagel). <i>Insects</i> , 2020, 11, 208.	1.0	9
72	Broadcasting of tiny granules by drone to mimic liquid spraying for the control of fall armyworm ( <i>Spartanacus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T	1.7	9

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73	Analysis of genetic diversity among different geographic populations of <i>Athetis lepigone</i> using ISSR molecular markers. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 793-798.	0.4	8
74	Characterization of four midgut aminopeptidase N isozymes from <i>Ostrinia furnacalis</i> strains with different susceptibilities to <i>Bacillus thuringiensis</i> . <i>Journal of Invertebrate Pathology</i> , 2014, 115, 95-98.	1.5	8
75	Characterization of Asian Corn Borer Resistance to Bt Toxin Cry1Ie. <i>Toxins</i> , 2017, 9, 186.	1.5	8
76	Differential wing polyphenism adaptation across life stages under extreme high temperatures in corn leaf aphid. <i>Scientific Reports</i> , 2019, 9, 8744.	1.6	8
77	Reduction of Plant Suitability for Corn Leaf Aphid (Hemiptera: Aphididae) Under Elevated Carbon Dioxide Condition. <i>Environmental Entomology</i> , 2019, 48, 935-944.	0.7	8
78	Olfactory Response of <i>Trichogramma ostrinae</i> (Hymenoptera: Trichogrammatidae) to Volatiles Emitted by Mungbean Plants. <i>Agricultural Sciences in China</i> , 2011, 10, 560-565.	0.6	7
79	Maize diversity for fall armyworm resistance in a warming world. <i>Crop Science</i> , 2022, 62, 1-19.	0.8	7
80	Impact of Temperature on the Growth and Development of <i>Athetis dissimilis</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.8	6
81	Molecular identification and functional analysis of Niemann-Pick type C2 protein in <i>Macrocentrus cingulum</i> Brischke (Hymenoptera: Braconidae). <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 7-14.	0.4	6
82	Selection of the Most Effective <i>Trichogramma</i> Strains (Hymenoptera: Trichogrammatidae) From Myanmar to Control Asian Corn Borer, <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae). <i>Journal of Economic Entomology</i> , 2022, 115, 81-92.	0.8	6
83	Phenotypic responses and potential genetic mechanism of lepidopteran insects under exposure to graphene oxide. <i>Ecotoxicology and Environmental Safety</i> , 2021, 228, 113008.	2.9	6
84	Effects of host plants on the fitness of <i>Athetis lepigone</i> (Müller) (Lepidoptera: Noctuidae). <i>Journal of Applied Entomology</i> , 2015, 139, 478-485.	0.8	5
85	Analysis of Cry1Ah Toxin-Binding Reliability to Midgut Membrane Proteins of the Asian Corn Borer. <i>Toxins</i> , 2020, 12, 418.	1.5	5
86	Toxicity of Cry1-Class, Cry2Aa, and Vip3Aa19 Bt proteins and their interactions against yellow peach Moth, <i>Conogethes punctiferalis</i> (Guenée) (Lepidoptera: Crambidae). <i>Journal of Invertebrate Pathology</i> , 2021, 178, 107507.	1.5	5
87	Voltine Ecotypes of the Asian Corn Borer and Their Response to Climate Warming. <i>Insects</i> , 2021, 12, 232.	1.0	5
88	Effects of brief exposure to high temperatures on the survival and fecundity of <i>Athetis lepigone</i> (Lepidoptera: Noctuidae). <i>Journal of Thermal Biology</i> , 2021, 100, 103066.	1.1	5
89	Molecular and Morphological Identification of <i>Trichogramma</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Economic Entomology, 2021, 114, 40-49.	0.8	5
90	Asian corn borer damage is affected by rind penetration strength of corn stalks in a spatiotemporally dependent manner. <i>Plant Direct</i> , 2022, 6, e381.	0.8	5

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91	Baseline Susceptibility and Resistance Allele Frequency in <i>Ostrinia furnacalis</i> in Relation to Cry1Ab Toxins in China. <i>Toxins</i> , 2022, 14, 255.	1.5	5
92	Molecular and Functional Characterization of Peptidoglycan Recognition Proteins OfPGRP-A and OfPGRP-B in <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae). <i>Insects</i> , 2022, 13, 417.	1.0	5
93	Differential thermal tolerance across life stages under extreme high temperatures crossed with feeding status in corn leaf aphid. <i>Ecological Entomology</i> , 2021, 46, 533-540.	1.1	4
94	Knockout of ABC Transporter ABCG4 Gene Confers Resistance to Cry1 Proteins in <i>Ostrinia furnacalis</i> . <i>Toxins</i> , 2022, 14, 52.	1.5	4
95	Olfactory co-receptor identification and expression pattern analysis in polyembryonic endoparasitoid <i>Macrocentrus cingulum</i> . <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 719-725.	0.4	3
96	Effects of yellow peach moth <i>Conogethes punctiferalis</i> egg age on parasitism and oviposition behaviour of four indigenous <i>Trichogramma</i> strains in China. <i>Biocontrol Science and Technology</i> , 2021, 31, 739-753.	0.5	3
97	Baseline Susceptibility and Laboratory Selection of Resistance to Bt Cry1Ab Protein of Chinese Populations of Yellow Peach Moth, <i>Conogethes punctiferalis</i> (Guenée). <i>Toxins</i> , 2021, 13, 335.	1.5	3
98	Influence of voltine ecotype and geographic distance on genetic and haplotype variation in the Asian corn borer. <i>Ecology and Evolution</i> , 2021, 11, 10244-10257.	0.8	3
99	Ovipositional preference of <i>Trichogramma dendrolimi</i> and <i>Trichogramma ostrinae</i> strains from Myanmar on different host egg ages of Asian corn borer, <i>Ostrinia furnacalis</i> (Lepidoptera: Crambidae). <i>Biocontrol Science and Technology</i> , 2022, 32, 700-714.	0.5	3
100	Inheritance and Fitness Costs of Vip3Aa19 Resistance in <i>Mythimna separata</i> . <i>Toxins</i> , 2022, 14, 388.	1.5	3
101	EXPRESSION PATTERNS OF THE GLYCOGEN PHOSPHORYLASE GENE RELATED TO LARVAL DIAPAUSE IN <i>Ostrinia furnacalis</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2016, 91, 210-220.	0.6	2
102	PBP genes regulated by the development of the ovaries, sex pheromone release, mating and oviposition behavior in <i>Conogethes punctiferalis</i> (Guenée). <i>Chemoecology</i> , 2021, 31, 1-9.	0.6	2
103	Artificial diet development for mass rearing and its effect on the reproduction of yellow peach moth, <i>Conogethes punctiferalis</i> (Guenée). <i>Entomological Research</i> , 2021, 51, 127-132.	0.6	2
104	Research Progress of <i>Conogethes punctiferalis</i> (Lepidoptera: Crambidae) in China. , 2018, , 45-66.		2
105	Host plant adaptability and proteomic differences of diverse <i>Rhopalosiphum maidis</i> (Fitch) lineages. <i>Archives of Insect Biochemistry and Physiology</i> , 2021, 109, e21853.	0.6	2
106	Synergistic interaction of Cry1Ah and Vip3Aa19 proteins combination with midgut ATP-binding cassette subfamily C receptors of <i>Conogethes punctiferalis</i> (Guenée) (Lepidoptera: Crambidae). <i>International Journal of Biological Macromolecules</i> , 2022, 213, 871-879.	3.6	2
107	Special issue highlighting research presented at the 25th IWGO Conference, Chicago 2014. <i>Journal of Applied Entomology</i> , 2015, 139, 401-402.	0.8	1
108	Comparative Transcriptome Analysis of Bt Resistant and Susceptible Strains in <i>Ostrinia furnacalis</i> (Guenée) (Lepidoptera: Crambidae). <i>Agriculture (Switzerland)</i> , 2022, 12, 298.	1.4	1

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109	Revealing the difference of $\alpha$ -amylase and CYP6AE76 gene between polyphagous <i>Conogethes punctiferalis</i> and oligophagous <i>C. pinicolalis</i> by multiple-omics and molecular biological technique. BMC Genomics, 2022, 23, .	1.2	1