

# Xuwei Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

463  
citations

1040056

9  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Both point mutations and low expression levels of the nicotinic acetylcholine receptor $\beta 21$ subunit are associated with imidacloprid resistance in an <i>Aphis gossypii</i> (Glover) population from a Bt cotton field in China. <i>Pesticide Biochemistry and Physiology</i> , 2017, 141, 1-8.	3.6	99
2	Sublethal and transgenerational effects of sulfoxaflor on the biological traits of the cotton aphid, <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae). <i>Ecotoxicology</i> , 2016, 25, 1841-1848.	2.4	75
3	Pyrethroid resistance associated with M918L mutation and detoxifying metabolism in <i>Aphis gossypii</i> from Bt cotton growing regions of China. <i>Pest Management Science</i> , 2017, 73, 2353-2359.	3.4	51
4	Overexpression of UDP-glycosyltransferase potentially involved in insecticide resistance in <i>Aphis gossypii</i> Glover collected from Bt cotton fields in China. <i>Pest Management Science</i> , 2020, 76, 1371-1377.	3.4	48
5	UDP-glycosyltransferases potentially contribute to imidacloprid resistance in <i>Aphis gossypii</i> Glover based on transcriptomic and proteomic analyses. <i>Pesticide Biochemistry and Physiology</i> , 2019, 159, 98-106.	3.6	39
6	Regulation of insect P450s in response to phytochemicals. <i>Current Opinion in Insect Science</i> , 2021, 43, 108-116.	4.4	37
7	miR-276 and miR-3016-modulated expression of acetyl-CoA carboxylase accounts for spirotetramat resistance in <i>Aphis gossypii</i> Glover. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 79, 57-65.	2.7	31
8	UDP-glycosyltransferases contribute to spirotetramat resistance in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2020, 166, 104565.	3.6	28
9	Functional validation of key cytochrome P450 monooxygenase and UDP-glycosyltransferase genes conferring cyantraniliprole resistance in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2021, 176, 104879.	3.6	27
10	Functional investigation of lncRNAs and target cytochrome P450 genes related to spirotetramat resistance in <i>Aphis gossypii</i> Glover. <i>Pest Management Science</i> , 2022, 78, 1982-1991.	3.4	10
11	Chemosensory Proteins Are Associated with Thiamethoxam and Spirotetramat Tolerance in <i>Aphis gossypii</i> Glover. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2356.	4.1	8
12	Fungi from the black cutworm <i>Agrotis ipsilon</i> oral secretions mediate plant-insect interactions. <i>Arthropod-Plant Interactions</i> , 2020, 14, 423-432.	1.1	5
13	Identification and the potential roles of long non-coding RNAs in regulating acetyl-CoA carboxylase ACC transcription in spirotetramat-resistant <i>Aphis gossypii</i> . <i>Pesticide Biochemistry and Physiology</i> , 2021, 179, 104972.	3.6	5