

Xi-Wu Gao

List of Publications by Year in descending order

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207
papers

6,862
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46984

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102432

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212
all docs

212
docs citations

212
times ranked

3251
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenerational hormesis effects of nitenpyram on fitness and insecticide tolerance/resistance of <i>Nilaparvata lugens</i> . <i>Journal of Pest Science</i> , 2023, 96, 161-180.	1.9	14
2	miR-34-5p, a novel molecular target against lepidopteran pests. <i>Journal of Pest Science</i> , 2023, 96, 209-224.	1.9	16
3	Resistance and fitness costs in diamondback moths after selection using broflanilide, a novel meta- α -diamide insecticide. <i>Insect Science</i> , 2022, 29, 188-198.	1.5	24
4	Silencing of <i>CYP6AS160</i> in <i>Solenopsis invicta</i> Buren by RNA interference enhances worker susceptibility to fipronil. <i>Bulletin of Entomological Research</i> , 2022, 112, 171-178.	0.5	6
5	Characterization of the insecticide detoxification carboxylesterase <i>Boest1</i> from <i>Bradysia odoriphaga</i> Yang et Zhang (<i>Diptera: Sciaridae</i>). <i>Pest Management Science</i> , 2022, 78, 591-602.	1.7	10
6	Susceptibility baseline of <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae) to the novel insecticide afidopyropen in China. <i>Crop Protection</i> , 2022, 151, 105834.	1.0	16
7	Sublethal and transgenerational effects of afidopyropen on biological traits of the green peach aphid <i>Myzus persicae</i> (Sluzer). <i>Pesticide Biochemistry and Physiology</i> , 2022, 180, 104981.	1.6	18
8	Mutations in the nAChR $\hat{2}1$ subunit and overexpression of P450 genes are associated with high resistance to thiamethoxam in melon aphid, <i>Aphis gossypii</i> Glover. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 258, 110682.	0.7	9
9	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.	1.7	10
10	V101I and R81T mutations in the nicotinic acetylcholine receptor $\hat{2}1$ subunit are associated with neonicotinoid resistance in <i>Myzus persicae</i> . <i>Pest Management Science</i> , 2022, 78, 1500-1507.	1.7	15
11	Slow resistance evolution to neonicotinoids in field populations of wheat aphids revealed by insecticide resistance monitoring in China. <i>Pest Management Science</i> , 2022, 78, 1428-1437.	1.7	6
12	A sublethal concentration of afidopyropen suppresses the population growth of the cotton aphid, <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae). <i>Journal of Integrative Agriculture</i> , 2022, 21, 2055-2064.	1.7	18
13	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.	1.8	8
14	Chemosensory proteins confer adaptation to the ryanoid anthranilic diamide insecticide cyantraniliprole in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105076.	1.6	16
15	The influence of Bt cotton cultivation on the structure and functions of the soil bacterial community by soil metagenomics. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113452.	2.9	7
16	Functional analysis of cyantraniliprole tolerance ability mediated by ATP-binding cassette transporters in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105104.	1.6	7
17	Overexpression of <i>Px$\hat{1}E14$</i> Contributing to Detoxification of Multiple Insecticides in <i>Plutella xylostella</i> (L.). <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5794-5804.	2.4	15
18	Characterization of carboxylesterase <i>Px$\hat{1}E8$</i> and its role in multi-insecticide resistance in <i>Plutella xylostella</i> (L.). <i>Journal of Integrative Agriculture</i> , 2022, 21, 1713-1721.	1.7	1

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19	Integration analysis of PacBio SMRT- and Illumina RNA-seq reveals P450 genes involved in thiamethoxam detoxification in <i>Bradysia odoriphaga</i> . <i>Pesticide Biochemistry and Physiology</i> , 2022, 186, 105176.	1.6	3
20	Acetamidiprid resistance and fitness costs of melon aphid, <i>Aphis gossypii</i> : An age-stage, two-sex life table study. <i>Pesticide Biochemistry and Physiology</i> , 2021, 171, 104729.	1.6	31
21	Functional analysis of a carboxylesterase gene involved in beta-cypermethrin and phoxim resistance in <i>Plutella xylostella</i> (L.). <i>Pest Management Science</i> , 2021, 77, 2097-2105.	1.7	14
22	Sublethal and lethal effects of the imidacloprid on the metabolic characteristics based on high-throughput non-targeted metabolomics in <i>Aphis gossypii</i> Glover. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111969.	2.9	29
23	Combined Transcriptomic and Proteomic Analysis of <i>Myzus persicae</i> , the Green Peach Aphid, Infected with Cucumber Mosaic Virus. <i>Insects</i> , 2021, 12, 372.	1.0	12
24	Identification of ABCG transporter genes associated with chlorantraniliprole resistance in <i>Plutella xylostella</i> (L.). <i>Pest Management Science</i> , 2021, 77, 3491-3499.	1.7	31
25	UDP-Glycosyltransferases from the UGT344 Family Are Involved in Sulfoxaflor Resistance in <i>Aphis gossypii</i> Glover. <i>Insects</i> , 2021, 12, 356.	1.0	17
26	Resistance Risk Assessment of the Ryanoid Anthranilic Diamide Insecticide Cyantraniliprole in <i>Aphis gossypii</i> Glover. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5849-5857.	2.4	24
27	Promoters of the two novel cytochrome P450 genes, CYP6DD1 and CYP307A2 from <i>Sitobion miscanthi</i> and their mediation under insecticide exposure. <i>Crop Protection</i> , 2021, , 105687.	1.0	0
28	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.	1.6	27
29	The overexpression and variant of CYP6G4 associated with propoxur resistance in the housefly, <i>Musca domestica</i> L.. <i>Pest Management Science</i> , 2021, 77, 4321-4330.	1.7	5
30	OBP14 (Odorant-Binding Protein) Sensing in <i>Adelphocoris lineolatus</i> Based on Peptide Nucleic Acid and Graphene Oxide. <i>Insects</i> , 2021, 12, 422.	1.0	4
31	Characterization and functional analysis of two acetylcholinesterase genes in <i>Bradysia odoriphaga</i> Yang et Zhang (Diptera: Sciaridae). <i>Pesticide Biochemistry and Physiology</i> , 2021, 174, 104807.	1.6	4
32	Comparison of full-length transcriptomes of different imidacloprid-resistant strains of <i>Rhopalosiphum padi</i> (L.). <i>Entomologia Generalis</i> , 2021, 41, 289-304.	1.1	19
33	Sublethal concentrations of clothianidin affect fecundity and key demographic parameters of the chive maggot, <i>Bradysia odoriphaga</i> . <i>Ecotoxicology</i> , 2021, 30, 1150-1160.	1.1	15
34	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.	1.6	5
35	Detection of ryanodine receptor target site mutations in diamide insecticide-resistant <i>Spodoptera frugiperda</i> in China. <i>Insect Science</i> , 2021, 28, 639-648.	1.5	40
36	Regulation of GSTu1-mediated insecticide resistance in <i>Plutella xylostella</i> by miRNA and lncRNA. <i>PLoS Genetics</i> , 2021, 17, e1009888.	1.5	31

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37	Time of Day-Specific Changes in Metabolic Detoxification and Insecticide Tolerance in the House Fly, <i>Musca domestica</i> L. <i>Frontiers in Physiology</i> , 2021, 12, 803682.	1.3	1
38	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.	1.7	48
39	RNAi-Mediated Knockdown of Chitin Synthase 1 (CHS1) Gene Causes Mortality and Decreased Longevity and Fecundity in <i>Aphis gossypii</i> . <i>Insects</i> , 2020, 11, 22.	1.0	26
40	Multiple detoxification genes confer imidacloprid resistance to <i>Sitobion avenae</i> Fabricius. <i>Crop Protection</i> , 2020, 128, 105014.	1.0	19
41	Esterase-mediated spinosad resistance in house flies <i>Musca domestica</i> (Diptera: Muscidae). <i>Ecotoxicology</i> , 2020, 29, 35-44.	1.1	11
42	MiR-189942 regulates fufenozide susceptibility by modulating ecdysone receptor isoform B in <i>Plutella xylostella</i> (L.). <i>Pesticide Biochemistry and Physiology</i> , 2020, 163, 235-240.	1.6	12
43	MicroRNA-998-3p contributes to Cry1Ac-resistance by targeting ABCC2 in lepidopteran insects. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 117, 103283.	1.2	34
44	Sublethal effects of beta-cypermethrin modulate interspecific interactions between specialist and generalist aphid species on soybean. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111302.	2.9	19
45	Functional analysis of cytochrome P450 genes linked with acetamiprid resistance in melon aphid, <i>Aphis gossypii</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 170, 104687.	1.6	49
46	Propoxur resistance associated with insensitivity of acetylcholinesterase (AChE) in the housefly, <i>Musca domestica</i> (Diptera: Muscidae). <i>Scientific Reports</i> , 2020, 10, 8400.	1.6	18
47	Fitness costs in clothianidin-resistant population of the melon aphid, <i>Aphis gossypii</i> . <i>PLoS ONE</i> , 2020, 15, e0238707.	1.1	18
48	Cross-resistance and Fitness Cost Analysis of Resistance to Thiamethoxam in Melon and Cotton Aphid (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2020, 113, 1946-1954.	0.8	22
49	Cellular Redox-Related Transcription Factor <i>Nrf2</i> Mediation of <i>HaTrf</i> Response to Host Plant Allelochemical 2-Tridecanone in <i>Helicoverpa armigera</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6919-6926.	2.4	2
50	Molecular Cloning and Characterization of Five Glutathione S-Transferase Genes and Promoters from <i>Micromelalopha troglodyta</i> (Graeser) (Lepidoptera: Notodontidae) and Their Response to Tannic Acid Stress. <i>Insects</i> , 2020, 11, 339.	1.0	6
51	Multiple ATP-binding cassette transporters genes are involved in thiamethoxam resistance in <i>Aphis gossypii</i> glover. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104558.	1.6	20
52	Fitness costs in chlorfenapyr-resistant populations of the chive maggot, <i>Bradysia odoriphaga</i> . <i>Ecotoxicology</i> , 2020, 29, 407-416.	1.1	27
53	miR-147b-modulated expression of vestigial regulates wing development in the bird cherry-oat aphid <i>Rhopalosiphum padi</i> . <i>BMC Genomics</i> , 2020, 21, 71.	1.2	6
54	Role transformation of fecundity and viability: The leading cause of fitness costs associated with beta-cypermethrin resistance in <i>Musca domestica</i> . <i>PLoS ONE</i> , 2020, 15, e0228268.	1.1	6

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55	Molecular characterization and expression profiles of nicotinic acetylcholine receptors in <i>Bradysia odoriphaga</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 165, 104563.	1.6	3
56	Low expression levels of nicotinic acetylcholine receptor subunits $\alpha 1$ and $\beta 1$ are associated with imidacloprid resistance in <i>Bradysia odoriphaga</i> . <i>Pest Management Science</i> , 2020, 76, 3038-3045.	1.7	7
57	Thiamethoxam induces transgenerational hormesis effects and alteration of genes expression in <i>Aphis gossypii</i> . <i>Pesticide Biochemistry and Physiology</i> , 2020, 165, 104557.	1.6	70
58	UDP-glycosyltransferases contribute to spirotetramat resistance in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2020, 166, 104565.	1.6	28
59	The overexpression of three cytochrome P450 genes CYP6CY14, CYP6CY22 and CYP6UN1 contributed to metabolic resistance to dinotefuran in melon/cotton aphid, <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104601.	1.6	37
60	The regulation of three new members of the cytochrome P450 <i>CYP6</i> family and their promoters in the cotton aphid <i>Aphis gossypii</i> by plant allelochemicals. <i>Pest Management Science</i> , 2019, 75, 152-159.	1.7	22
61	Impact of low lethal concentrations of buprofezin on biological traits and expression profile of chitin synthase 1 gene (CHS1) in melon aphid, <i>Aphis gossypii</i> . <i>Scientific Reports</i> , 2019, 9, 12291.	1.6	34
62	Transgenerational hormetic effects of sublethal dose of flupyradifurone on the green peach aphid, <i>Myzus persicae</i> (Sulzer) (Hemiptera: Aphididae). <i>PLoS ONE</i> , 2019, 14, e0208058.	1.1	58
63	UDP-glucosyltransferases 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.	1.6	39
64	Fitness costs of sulfoxaflor resistance in the cotton aphid, <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2019, 158, 40-46.	1.6	60
65	Potential for insecticide-mediated shift in ecological dominance between two competing aphid species. <i>Chemosphere</i> , 2019, 226, 651-658.	4.2	27
66	Overexpression of multiple cytochrome P450 genes associated with sulfoxaflor resistance in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2019, 157, 204-210.	1.6	68
67	Cytochrome P450 monooxygenases-mediated sex-differential spinosad resistance in house flies <i>Musca domestica</i> (Diptera: Muscidae). <i>Pesticide Biochemistry and Physiology</i> , 2019, 157, 178-185.	1.6	11
68	Characterization of the Cytochrome P450 Gene CYP305A1 of the Cotton Aphid (Hemiptera: Aphididae) and Its Responsive Cis-Elements to Plant Allelochemicals. <i>Journal of Economic Entomology</i> , 2019, 112, 1365-1371.	0.8	9
69	Toxicity and sublethal effects of two plant allelochemicals on the demographical traits of cotton aphid, <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae). <i>PLoS ONE</i> , 2019, 14, e0221646.	1.1	13
70	Identification of a novel cytochrome P450 <i>CYP3356A1</i> linked with insecticide detoxification in <i>Bradysia odoriphaga</i> . <i>Pest Management Science</i> , 2019, 75, 1006-1013.	1.7	20
71	Identification and RNAi-based function analysis of chitinase family genes in diamondback moth, <i>Plutella xylostella</i> . <i>Pest Management Science</i> , 2019, 75, 1951-1961.	1.7	45
72	Toxicity and Sublethal Effects of Flupyradifurone, a Novel Butenolide Insecticide, on the Development and Fecundity of <i>Aphis gossypii</i> (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2019, 112, 852-858.	0.8	37

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73	Identification and functional analysis of a cytochrome P450 gene involved in imidacloprid resistance in <i>Bradysia odoriphaga</i> Yang et Zhang. <i>Pesticide Biochemistry and Physiology</i> , 2019, 153, 129-135.	1.6	27
74	Transcription factor FTZâ€F1 and cis-acting elements mediate expression of CYP6BG1 conferring resistance to chlorantraniliprole in <i>Plutella xylostella</i> . <i>Pest Management Science</i> , 2019, 75, 1172-1180.	1.7	26
75	Differential expression of genes in greenbug (<i>Schizaphis graminum</i> Rondani) treated by imidacloprid and RNA interference. <i>Pest Management Science</i> , 2019, 75, 1726-1733.	1.7	18
76	CYP4CJ1-mediated gossypol and tannic acid tolerance in <i>Aphis gossypii</i> Glover. <i>Chemosphere</i> , 2019, 219, 961-970.	4.2	36
77	Resistance against clothianidin and associated fitness costs in the chive maggot, <i>Bradysia odoriphaga</i> . <i>Entomologia Generalis</i> , 2019, 39, 81-92.	1.1	46
78	Clothianidin-induced sublethal effects and expression changes of vitellogenin and ecdysone receptors genes in the melon aphid, <i>Aphis gossypii</i> . <i>Entomologia Generalis</i> , 2019, 39, 137-149.	1.1	55
79	Acetamiprid-induced hormetic effects and vitellogenin gene (Vg) expression in the melon aphid, <i>Aphis gossypii</i> . <i>Entomologia Generalis</i> , 2019, 39, 259-270.	1.1	53
80	Imidacloprid-induced hormesis effects on demographic traits of the melon aphid, <i>Aphis gossypii</i> . <i>Entomologia Generalis</i> , 2019, 39, 325-337.	1.1	87
81	Transcriptome analysis and identification of P450 genes relevant to imidacloprid detoxification in <i>Bradysia odoriphaga</i> . <i>Scientific Reports</i> , 2018, 8, 2564.	1.6	20
82	The influence of <i>Tetranychus cinnabarinus</i> -induced plant defense responses on <i>Aphis gossypii</i> development. <i>Journal of Integrative Agriculture</i> , 2018, 17, 164-172.	1.7	6
83	Multiple mutations and overexpression of the MdaE7 carboxylesterase gene associated with male-linked malathion resistance in housefly, <i>Musca domestica</i> (Diptera: Muscidae). <i>Scientific Reports</i> , 2018, 8, 224.	1.6	15
84	Sublethal effects of sulfoxaflor on biological characteristics and vitellogenin gene (ALVg) expression in the mirid bug, <i>Apolygus lucorum</i> (Meyer-DÄr). <i>Pesticide Biochemistry and Physiology</i> , 2018, 144, 57-63.	1.6	45
85	Contribution of cytochrome P450 monooxygenase CYP380C6 to spirotetramat resistance in <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2018, 148, 182-189.	1.6	53
86	The damage risk evaluation of <i>Aphis gossypii</i> on wheat by host shift and fitness comparison in wheat and cotton. <i>Journal of Integrative Agriculture</i> , 2018, 17, 631-639.	1.7	2
87	Characterization of UDP-glucuronosyltransferase genes and their possible roles in multi-insecticide resistance in <i>Plutella xylostella</i> (L.). <i>Pest Management Science</i> , 2018, 74, 695-704.	1.7	86
88	Overexpression of cytochrome P450 CYP6BG1 may contribute to chlorantraniliprole resistance in <i>Plutella xylostella</i> (L.). <i>Pest Management Science</i> , 2018, 74, 1386-1393.	1.7	105
89	Uptake of quercetin reduces larval sensitivity to lambda-cyhalothrin in <i>Helicoverpa armigera</i> . <i>Journal of Pest Science</i> , 2018, 91, 919-926.	1.9	46
90	Selection and evaluation of potential reference genes for gene expression analysis in greenbug (<i>Schizaphis graminum</i> Rondani). <i>Journal of Integrative Agriculture</i> , 2018, 17, 2054-2065.	1.7	14

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91	Impact of the secondary plant metabolite Cucurbitacin B on the demographical traits of the melon aphid, <i>Aphis gossypii</i> . <i>Scientific Reports</i> , 2018, 8, 16473.	1.6	29
92	Role for Transferrin in Triggering Apoptosis in <i>Helicoverpa armigera</i> Cells Treated with 2-Tridecanone. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11426-11431.	2.4	4
93	Expression profile changes of cytochrome P450 genes between thiamethoxam susceptible and resistant strains of <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2018, 149, 1-7.	1.6	57
94	Overexpression of cytochrome P450s in a lambda-cyhalothrin resistant population of <i>Apolygus lucorum</i> (Meyer-DÄ¼r). <i>PLoS ONE</i> , 2018, 13, e0198671.	1.1	13
95	Thiamethoxam Resistance in <i>Aphis gossypii</i> Glover Relies on Multiple UDP-Glucuronosyltransferases. <i>Frontiers in Physiology</i> , 2018, 9, 322.	1.3	51
96	Sublethal and transgenerational effects of short-term and chronic exposures to the neonicotinoid nitenpyram on the cotton aphid <i>Aphis gossypii</i> . <i>Journal of Pest Science</i> , 2017, 90, 389-396.	1.9	86
97	Global identification of microRNAs associated with chlorantraniliprole resistance in diamondback moth <i>Plutella xylostella</i> (L.). <i>Scientific Reports</i> , 2017, 7, 40713.	1.6	29
98	Induction of phenylalanine ammonia-lyase (PAL) in insect damaged and neighboring undamaged cotton and maize seedlings. <i>International Journal of Pest Management</i> , 2017, 63, 166-171.	0.9	9
99	A P-glycoprotein gene serves as a component of the protective mechanisms against 2-tridecanone and abamectin in <i>Helicoverpa armigera</i> . <i>Gene</i> , 2017, 627, 63-71.	1.0	8
100	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.	1.7	51
101	Detection of insecticide resistance in <i>Bradysia odoriphaga</i> Yang et Zhang (Diptera: Sciaridae) in China. <i>Ecotoxicology</i> , 2017, 26, 868-875.	1.1	44
102	Transcriptional responses of detoxification genes to four plant allelochemicals in <i>Aphis gossypii</i> . <i>Journal of Economic Entomology</i> , 2017, 110, 624-631.	0.8	24
103	Cross-resistance pattern and basis of resistance in a thiamethoxam-resistant strain of <i>Aphis gossypii</i> Glover. <i>Pesticide Biochemistry and Physiology</i> , 2017, 138, 91-96.	1.6	44
104	RNA interference of Dicer-1 and Argonaute-1 increasing the sensitivity of <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae) to plant allelochemical. <i>Pesticide Biochemistry and Physiology</i> , 2017, 138, 71-75.	1.6	25
105	Monitoring insecticide resistance and diagnostics of resistance mechanisms in the green peach aphid, <i>Myzus persicae</i> (Sulzer) (Hemiptera: Aphididae) in China. <i>Pesticide Biochemistry and Physiology</i> , 2017, 143, 39-47.	1.6	64
106	Sublethal and hormesis effects of beta-cypermethrin on the biology, life table parameters and reproductive potential of soybean aphid <i>Aphis glycines</i> . <i>Ecotoxicology</i> , 2017, 26, 1002-1009.	1.1	27
107	The Cuticle Protein Gene MPCP4 of <i>Myzus persicae</i> (Homoptera: Aphididae) Plays a Critical Role in Cucumber Mosaic Virus Acquisition. <i>Journal of Economic Entomology</i> , 2017, 110, 848-853.	0.8	36
108	Genome-wide identification of lncRNAs associated with chlorantraniliprole resistance in diamondback moth <i>Plutella xylostella</i> (L.). <i>BMC Genomics</i> , 2017, 18, 380.	1.2	64

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109	Identification of microRNAs and their response to the stress of plant allelochemicals in <i>Aphis gossypii</i> (Hemiptera: Aphididae). <i>BMC Molecular Biology</i> , 2017, 18, 5.	3.0	23
110	Over-expression of UDP-glycosyltransferase gene <i>UGT2B17</i> is involved in chlorantraniliprole resistance in <i>Plutella xylostella</i> (L.). <i>Pest Management Science</i> , 2017, 73, 1402-1409.	1.7	107
111	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.	1.6	99
112	Impact of imidacloprid and natural enemies on cereal aphids: Integration or ecosystem service disruption?. <i>Entomologia Generalis</i> , 2017, 37, 47-61.	1.1	41
113	Elevated carboxylesterase activity contributes to the lambda-cyhalothrin insensitivity in quercetin fed <i>Helicoverpa armigera</i> (H4bner). <i>PLoS ONE</i> , 2017, 12, e0183111.	1.1	24
114	Inheritance mode and mechanisms of resistance to imidacloprid in the house fly <i>Musca domestica</i> (Diptera:Muscidae) from China. <i>PLoS ONE</i> , 2017, 12, e0189343.	1.1	34
115	Transgenic Bt Cotton Does Not Disrupt the Top-Down Forces Regulating the Cotton Aphid in Central China. <i>PLoS ONE</i> , 2016, 11, e0166771.	1.1	18
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