Xi-Wu Gao

List of Publications by Year
in descending order

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207	6,862	46984 47	102432 66
papers	citations	h-index	g-index

212	212	212	3251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification and Validation of Reference Genes for Gene Expression Analysis Using Quantitative PCR in Spodoptera litura (Lepidoptera: Noctuidae). PLoS ONE, 2013, 8, e68059.	1.1	157
2	Characterisation of Insensitive Acetylcholinesterase in Insecticide-Resistant Cotton Aphids,Aphis gossypiiGlover (Homoptera: Aphididae). Pesticide Biochemistry and Physiology, 1996, 56, 102-110.	1.6	156
3	Residual toxicity and sublethal effects of chlorantraniliprole on Plutella xylostella (Lepidoptera: Plutellidae). Pest Management Science, 2012, 68, 1184-1190.	1.7	118
4	Overexpression of carboxylesterase gene associated with organophosphorous insecticide resistance in cotton aphids, Aphis gossypii (Glover). Pesticide Biochemistry and Physiology, 2008, 90, 175-180.	1.6	117
5	Sublethal and hormesis effects of imidacloprid on the soybean aphid Aphis glycines. Ecotoxicology, 2015, 24, 479-487.	1.1	116
6	Novel mutations and mutation combinations of ryanodine receptor in a chlorantraniliprole resistant population of Plutella xylostella (L.). Scientific Reports, 2014, 4, 6924.	1.6	116
7	Cholinergic and non-cholinergic functions of two acetylcholinesterase genes revealed by gene-silencing in Tribolium castaneum. Scientific Reports, 2012, 2, 288.	1.6	113
8	Sublethal and transgenerational effects of chlorantraniliprole on biological traits of the diamondback moth, Plutella xylostella L.. Crop Protection, 2013, 48, 29-34.	1.0	109
9	Over-expression of UDP-glycosyltransferase geneUGT2B17is involved in chlorantraniliprole resistance inPlutella xylostella(L.). Pest Management Science, 2017, 73, 1402-1409.	1.7	107
10	Overexpression of cytochrome P450 CYP6BG1 may contribute to chlorantraniliprole resistance in Plutella xylostella (L.). Pest Management Science, 2018, 74, 1386-1393.	1.7	105
11	Both point mutations and low expression levels of the nicotinic acetylcholine receptor Î²1 subunit are associated with imidacloprid resistance in an Aphis gossypii (Glover) population from a Bt cotton field in China. Pesticide Biochemistry and Physiology, 2017, 141, 1-8.	1.6	99
12	Assessment of physiological sublethal effects of imidacloprid on the mirid bug Apolygus lucorum (Meyer-DÃ¼r). Ecotoxicology, 2012, 21, 1989-1997.	1.1	98
13	Short-term and transgenerational effects of the neonicotinoid nitenpyram on susceptibility to insecticides in two whitefly species. Ecotoxicology, 2012, 21, 1889-1898.	1.1	96
14	Functional analysis of a point mutation in the ryanodine receptor of Plutella xylostella (L.) associated with resistance to chlorantraniliprole. Pest Management Science, 2014, 70, 1083-1089.	1.7	90
15	Oral Delivery Mediated RNA Interference of a Carboxylesterase Gene Results in Reduced Resistance to Organophosphorus Insecticides in the Cotton Aphid, Aphis gossypii Glover. PLoS ONE, 2014, 9, e102823.	1.1	88
16	Imidacloprid-induced hormesis effects on demographic traits of the melon aphid, Aphis gossypii. Entomologia Generalis, 2019, 39, 325-337.	1.1	87
17	Clathrin-dependent endocytosis plays a predominant role in cellular uptake of double-stranded RNA in the red flour beetle. Insect Biochemistry and Molecular Biology, 2015, 60, 68-77.	1.2	86
18	Sublethal and transgenerational effects of short-term and chronic exposures to the neonicotinoid nitenpyram on the cotton aphid Aphis gossypii. Journal of Pest Science, 2017, 90, 389-396.	1.9	86

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19	Characterization of UDPâ€glucuronosyltransferase genes and their possible roles in multiâ€insecticide resistance in Plutella xylostella (L.). Pest Management Science, 2018, 74, 695-704.	1.7	86
20	Identification and Validation of Reference Genes for the Normalization of Gene Expression Data in qRT-PCR Analysis inAphis gossypii(Hemiptera: Aphididae). Journal of Insect Science, 2016, 16, 17.	0.6	82
21	Over-expression of CYP6A2 is associated with spirotetramat resistance and cross-resistance in the resistant strain of Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2016, 126, 64-69.	1.6	76
22	Sublethal and transgenerational effects of sulfoxaflor on the biological traits of the cotton aphid, Aphis gossypii Glover (Hemiptera: Aphididae). Ecotoxicology, 2016, 25, 1841-1848.	1.1	75
23	Beta-cypermethrin resistance associated with high carboxylesterase activities in a strain of house fly, Musca domestica (Diptera: Muscidae). Pesticide Biochemistry and Physiology, 2007, 89, 65-72.	1.6	73
24	Thiamethoxam induces transgenerational hormesis effects and alteration of genes expression in Aphis gossypii. Pesticide Biochemistry and Physiology, 2020, 165, 104557.	1.6	70
25	Overexpression of multiple cytochrome P450 genes associated with sulfoxaflor resistance in Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2019, 157, 204-210.	1.6	68
26	Permethrin Induction of Multiple Cytochrome P450 Genes in Insecticide Resistant Mosquitoes, Culex quinquefasciatus. International Journal of Biological Sciences, 2013, 9, 863-871.	2.6	67
27	Induction of the cytochrome P450 activity by plant allelochemicals in the cotton bollworm, Helicoverpa armigera (HÃ¼bner). Pesticide Biochemistry and Physiology, 2006, 84, 127-134.	1.6	65
28	Monitoring insecticide resistance and diagnostics of resistance mechanisms in the green peach aphid, Myzus persicae (Sulzer) (Hemiptera: Aphididae) in China. Pesticide Biochemistry and Physiology, 2017, 143, 39-47.	1.6	64
29	Genome-wide identification of lncRNAs associated with chlorantraniliprole resistance in diamondback moth Plutella xylostella (L.). BMC Genomics, 2017, 18, 380.	1.2	64
30	Characterisation of spinosad resistance in the housefly Musca domestica (Diptera: Muscidae). Pest Management Science, 2011, 67, 335-340.	1.7	61
31	Genetic basis of resistance and studies on cross-resistance in a population of diamondback moth,Plutella xylostella (Lepidoptera: Plutellidae). Pest Management Science, 2003, 59, 1232-1236.	1.7	60
32	Fitness costs of sulfoxaflor resistance in the cotton aphid, Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2019, 158, 40-46.	1.6	60
33	Effects of host plants on insecticide susceptibility and carboxylesterase activity inBemisia tabaci biotype B and greenhouse whitefly,Trialeurodes vaporariorum. Pest Management Science, 2007, 63, 365-371.	1.7	59
34	Crossâ€resistance patterns and fitness in fufenozideâ€resistant diamondback moth, Plutella xylostella (Lepidoptera: Plutellidae). Pest Management Science, 2012, 68, 285-289.	1.7	58
35	Transgenerational hormetic effects of sublethal dose of flupyradifurone on the green peach aphid, Myzus persicae (Sulzer) (Hemiptera: Aphididae). PLoS ONE, 2019, 14, e0208058.	1.1	58
36	Expression profile changes of cytochrome P450 genes between thiamethoxam susceptible and resistant strains of Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2018, 149, 1-7.	1.6	57

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37	miRNAs regulated overexpression of ryanodine receptor is involved in chlorantraniliprole resistance in Plutella xylostella (L.). Scientific Reports, 2015, 5, 14095.	1.6	56
38	Clothianidin-induced sublethal effects and expression changes of vitellogenin and ecdysone receptors genes in the melon aphid, Aphis gossypii. Entomologia Generalis, 2019, 39, 137-149.	1.1	55
39	Carboxylesterase activity, cDNA sequence, and gene expression in malathion susceptible and resistant strains of the cotton aphid, Aphis gossypii. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 152, 266-270.	0.7	54
40	Contribution of cytochrome P450 monooxygenase CYP380C6 to spirotetramat resistance in Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2018, 148, 182-189.	1.6	53
41	Acetamiprid-induced hormetic effects and vitellogenin gene (Vg) expression in the melon aphid, Aphis gossypii. Entomologia Generalis, 2019, 39, 259-270.	1.1	53
42	Elevated expression of esterase and cytochrome P450 are related with lambdaâ€“cyhalothrin resistance and lead to cross resistance in Aphis glycines Matsumura. Pesticide Biochemistry and Physiology, 2015, 118, 77-81.	1.6	51
43	Pyrethroid resistance associated with M918â€‰L mutation and detoxifying metabolism in <scp>Aphis gossypii</scp> from Bt cotton growing regions of China. Pest Management Science, 2017, 73, 2353-2359.	1.7	51
44	Thiamethoxam Resistance in Aphis gossypii Glover Relies on Multiple UDP-Glucuronosyltransferases. Frontiers in Physiology, 2018, 9, 322.	1.3	51
45	Inheritance of betaâ€cypermethrin resistance in the housefly Musca domestica (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	50
46	Expression Profiling in Bemisia tabaci under Insecticide Treatment: Indicating the Necessity for Custom Reference Gene Selection. PLoS ONE, 2014, 9, e87514.	1.1	49
47	Biochemical Mechanism of Chlorantraniliprole Resistance in the Diamondback Moth, Plutella xylostella Linnaeus. Journal of Integrative Agriculture, 2014, 13, 2452-2459.	1.7	49
48	Functional analysis of cytochrome P450 genes linked with acetamiprid resistance in melon aphid, Aphis gossypii. Pesticide Biochemistry and Physiology, 2020, 170, 104687.	1.6	49
49	Evaluation of Sublethal Effects of Sulfoxaflor on the Green Peach Aphid (Hemiptera: Aphididae) Using Life Table Parameters. Journal of Economic Entomology, 2015, 108, 2720-2728.	0.8	48
50	Overexpression of UDPâ€glycosyltransferase potentially involved in insecticide resistance in Aphis gossypii Glover collected from Bt cotton fields in China. Pest Management Science, 2020, 76, 1371-1377.	1.7	48
51	Uptake of quercetin reduces larval sensitivity to lambda-cyhalothrin in Helicoverpa armigera. Journal of Pest Science, 2018, 91, 919-926.	1.9	46
52	Resistance against clothianidin and associated fitness costs in the chive maggot, Bradysia odoriphaga. Entomologia Generalis, 2019, 39, 81-92.	1.1	46
53	Sublethal effects of sulfoxaflor on biological characteristics and vitellogenin gene (AlVg) expression in the mirid bug, Apolygus lucorum (Meyer-DÃ¼r). Pesticide Biochemistry and Physiology, 2018, 144, 57-63.	1.6	45
54	Identification and RNAiâ€based function analysis of chitinase family genes in diamondback moth, Plutella xylostella. Pest Management Science, 2019, 75, 1951-1961.	1.7	45

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55	Detection of insecticide resistance in Bradysia odoriphaga Yang et Zhang (Diptera: Sciaridae) in China. Ecotoxicology, 2017, 26, 868-875.	1.1	44
56	Cross-resistance pattern and basis of resistance in a thiamethoxam-resistant strain of Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2017, 138, 91-96.	1.6	44
57	Assessment of Sublethal and Transgenerational Effects of Pirimicarb on the Wheat Aphids Rhopalosiphum padi and Sitobion avenae. PLoS ONE, 2015, 10, e0128936.	1.1	43
58	Resistance monitoring for eight insecticides in Plutella xylostella in central China. Crop Protection, 2014, 63, 131-137.	1.0	42
59	Genetic analysis of abamectin resistance in Tetranychus cinnabarinus. Pesticide Biochemistry and Physiology, 2009, 95, 147-151.	1.6	41
60	Quantitative and qualitative changes of the carboxylesterase associated with beta-cypermethrin resistance in the housefly, Musca domestica (Diptera: Muscidae). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 6-11.	0.7	41
61	Spirotetramat resistance adaption analysis of Aphis gossypii Glover by transcriptomic survey. Pesticide Biochemistry and Physiology, 2015, 124, 73-80.	1.6	41
62	Impact of imidacloprid and natural enemies on cereal aphids: Integration or ecosystem service disruption?. Entomologia Generalis, 2017, 37, 47-61.	1.1	41
63	Reduced abundance of the CYP6CY3-targeting let-7 and miR-100 miRNAs accounts for host adaptation of Myzus persicae nicotianae. Insect Biochemistry and Molecular Biology, 2016, 75, 89-97.	1.2	40
64	Detection of ryanodine receptor targetâ€site mutations in diamide insecticideâ€resistant Spodoptera frugiperda in China. Insect Science, 2021, 28, 639-648.	1.5	40
65	UDP-glucosyltransferases potentially contribute to imidacloprid resistance in Aphis gossypii glover based on transcriptomic and proteomic analyses. Pesticide Biochemistry and Physiology, 2019, 159, 98-106.	1.6	39
66	Toxicity and Sublethal Effects of Flupyradifurone, a Novel Butenolide Insecticide, on the Development and Fecundity of Aphis gossypii (Hemiptera: Aphididae). Journal of Economic Entomology, 2019, 112, 852-858.	0.8	37
67	The overexpression of three cytochrome P450 genes CYP6CY14, CYP6CY22 and CYP6UN1 contributed to metabolic resistance to dinotefuran in melon/cotton aphid, Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2020, 167, 104601.	1.6	37
68	The Cuticle Protein Gene MPCP4 of Myzus persicae (Homoptera: Aphididae) Plays a Critical Role in Cucumber Mosaic Virus Acquisition. Journal of Economic Entomology, 2017, 110, 848-853.	0.8	36
69	CYP4CJ1-mediated gossypol and tannic acid tolerance in Aphis gossypii Glover. Chemosphere, 2019, 219, 961-970.	4.2	36
70	Genome Organization, Phylogenies, Expression Patterns, and Three-Dimensional Protein Models of Two Acetylcholinesterase Genes from the Red Flour Beetle. PLoS ONE, 2012, 7, e32288.	1.1	36
71	Transcriptomic comparison of thiamethoxam-resistance adaptation in resistant and susceptible strains of Aphis gossypii Glover. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 13, 10-15.	0.4	35
72	Cloning, characterisation and expression profiling of the cDNA encoding the ryanodine receptor in diamondback moth, Plutella xylostella (L.) (Lepidoptera: Plutellidae). Pest Management Science, 2012, 68, 1605-1614.	1.7	34

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73	Effects of spirotetramat treatments on fecundity and carboxylesterase expression of Aphis gossypii Glover. Ecotoxicology, 2016, 25, 655-663.	1.1	34
74	Impact of low lethal concentrations of buprofezin on biological traits and expression profile of chitin synthase 1 gene (CHS1) in melon aphid, Aphis gossypii. Scientific Reports, 2019, 9, 12291.	1.6	34
75	MicroRNA-998â€“3p contributes to Cry1Ac-resistance by targeting ABCC2 in lepidopteran insects. Insect Biochemistry and Molecular Biology, 2020, 117, 103283.	1.2	34
76	Inheritance mode and mechanisms of resistance to imidacloprid in the house fly Musca domestica (Diptera:Muscidae) from China. PLoS ONE, 2017, 12, e0189343.	1.1	34
77	Polymorphisms in a Carboxylesterase Gene Between Organophosphate-Resistant and -Susceptible <I>Aphis gossypii</I> (Homoptera: Aphididae). Journal of Economic Entomology, 2005, 98, 1325-1332.	0.8	33
78	Characterization of imidacloprid resistance in the housefly Musca domestica (Diptera: Muscidae). Pesticide Biochemistry and Physiology, 2012, 102, 109-114.	1.6	32
79	Identification and Developmental Profiling of microRNAs in Diamondback Moth, Plutellaxylostella (L.). PLoS ONE, 2013, 8, e78787.	1.1	32
80	The retardant effect of 2-Tridecanone, mediated by Cytochrome P450, on the Development of Cotton bollworm, Helicoverpa armigera. BMC Genomics, 2016, 17, 954.	1.2	32
81	miR-276 and miR-3016-modulated expression of acetyl-CoA carboxylase accounts for spirotetramat resistance in Aphis gossypii Glover. Insect Biochemistry and Molecular Biology, 2016, 79, 57-65.	1.2	31
82	Acetamiprid resistance and fitness costs of melon aphid, Aphis gossypii: An age-stage, two-sex life table study. Pesticide Biochemistry and Physiology, 2021, 171, 104729.	1.6	31
83	Identification of <scp>ABCG</scp> transporter genes associated with chlorantraniliprole resistance in Plutella xylostella (L.). Pest Management Science, 2021, 77, 3491-3499.	1.7	31
84	Regulation of GSTu1-mediated insecticide resistance in Plutella xylostella by miRNA and lncRNA. PLoS Genetics, 2021, 17, e1009888.	1.5	31
85	Acute toxicity of the pesticide methomyl on the topmouth gudgeon (Pseudorasbora parva): mortality and effects on four biomarkers. Fish Physiology and Biochemistry, 2008, 34, 209-216.	0.9	29
86	Global identification of microRNAs associated with chlorantraniliprole resistance in diamondback moth Plutella xylostella (L.). Scientific Reports, 2017, 7, 40713.	1.6	29
87	Impact of the secondary plant metabolite Cucurbitacin B on the demographical traits of the melon aphid, Aphis gossypii. Scientific Reports, 2018, 8, 16473.	1.6	29
88	Sublethal and lethal effects of the imidacloprid on the metabolic characteristics based on high-throughput non-targeted metabolomics in Aphis gossypii Glover. Ecotoxicology and Environmental Safety, 2021, 212, 111969.	2.9	29
89	The stability and biochemical basis of fufenozide resistance in a laboratory-selected strain of Plutella xylostella. Pesticide Biochemistry and Physiology, 2011, 101, 80-85.	1.6	28
90	UDP-glycosyltransferases contribute to spirotetramat resistance in Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2020, 166, 104565.	1.6	28

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91	Inheritance of resistance to a new nonâ€steroidal ecdysone agonist, fufenozide, in the diamondback moth, Plutella xylostella (Lepidoptera: Plutellidae). Pest Management Science, 2010, 66, 406-411.	1.7	27
92	Sublethal and hormesis effects of beta-cypermethrin on the biology, life table parameters and reproductive potential of soybean aphid Aphis glycines. Ecotoxicology, 2017, 26, 1002-1009.	1.1	27
93	Potential for insecticide-mediated shift in ecological dominance between two competing aphid species. Chemosphere, 2019, 226, 651-658.	4.2	27
94	Identification and functional analysis of a cytochrome P450 gene involved in imidacloprid resistance in Bradysia odoriphaga Yang et Zhang. Pesticide Biochemistry and Physiology, 2019, 153, 129-135.	1.6	27
95	Fitness costs in chlorfenapyr-resistant populations of the chive maggot, Bradysia odoriphaga. Ecotoxicology, 2020, 29, 407-416.	1.1	27
96	Functional validation of key cytochrome P450 monooxygenase and UDP-glycosyltransferase genes conferring cyantraniliprole resistance in Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2021, 176, 104879.	1.6	27
97	Cloning and Expression of Multiple Cytochrome P450 Genes: Induction by Fipronil in Workers of the Red Imported Fire Ant (Solenopsis invicta Buren). PLoS ONE, 2016, 11, e0150915.	1.1	27
98	Differential mRNA expression levels and gene sequences of carboxylesterase in both deltamethrin resistant and susceptible strains of the cotton aphid, Aphis gossypii. Insect Science, 2008, 15, 209-216.	1.5	26
99	Insecticide induction of O-demethylase activity and expression of cytochrome P450 genes in the red imported fire ant (Solenopsis invicta Buren). Journal of Integrative Agriculture, 2016, 15, 135-144.	1.7	26
100	Transcription factor FTZâ€F1 and cisâ€acting elements mediate expression of CYP6BG1 conferring resistance to chlorantraniliprole inÂPlutella xylostella. Pest Management Science, 2019, 75, 1172-1180.	1.7	26
101	RNAi-Mediated Knockdown of Chitin Synthase 1 (CHS1) Gene Causes Mortality and Decreased Longevity and Fecundity in Aphis gossypii. Insects, 2020, 11, 22.	1.0	26
102	Effect of temperature on toxicity of pyrethroids and endosulfan, activity of mitochondrial Na+â€“K+-ATPase and Ca2+â€“Mg2+-ATPase in Chilo suppressalis (Walker) (Lepidoptera: Pyralidae). Pesticide Biochemistry and Physiology, 2006, 86, 151-156.	1.6	25
103	Proteomics-based identification and analysis proteins associated with spirotetramat tolerance in Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2015, 119, 74-80.	1.6	25
104	RNA interference of Dicer-1 and Argonaute-1 increasing the sensitivity of Aphis gossypii Glover (Hemiptera: Aphididae) to plant allelochemical. Pesticide Biochemistry and Physiology, 2017, 138, 71-75.	1.6	25
105	Transcriptional responses of detoxification genes to four plant allelochemicals in Aphis gossypii. Journal of Economic Entomology, 2017, 110, 624-631.	0.8	24
106	Resistance and fitness costs in diamondback moths after selection using broflanilide, a novel metaâ€diamide insecticide. Insect Science, 2022, 29, 188-198.	1.5	24
107	Resistance Risk Assessment of the Ryanoid Anthranilic Diamide Insecticide Cyantraniliprole in Aphis gossypii Glover. Journal of Agricultural and Food Chemistry, 2021, 69, 5849-5857.	2.4	24
108	Elevated carboxylesterase activity contributes to the lambda-cyhalothrin insensitivity in quercetin fed Helicoverpa armigera (HÃ¼bner). PLoS ONE, 2017, 12, e0183111.	1.1	24

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109	Gene silencing of two acetylcholinesterases reveals their cholinergic and nonâ€cholinergic functions in Rhopalosiphum padi and Sitobion avenae. Pest Management Science, 2015, 71, 523-530.	1.7	23
110	Identification of microRNAs and their response to the stress of plant allelochemicals in Aphis gossypii (Hemiptera: Aphididae). BMC Molecular Biology, 2017, 18, 5.	3.0	23
111	Sublethal Effects of Metaflumizone on Plutella xylostella (Lepidoptera: Plutellidae). Journal of Integrative Agriculture, 2012, 11, 1145-1150.	1.7	22
112	Lethal and social-mediated effects of ten insecticides on the subterranean termite Reticulitermes speratus. Journal of Pest Science, 2015, 88, 741-751.	1.9	22
113	The regulation of three new members of the cytochrome P450 CYP6 family and their promoters in the cotton aphid <scp>Aphis gossypii</scp> by plant allelochemicals. Pest Management Science, 2019, 75, 152-159.	1.7	22
114	Cross-resistance and Fitness Cost Analysis of Resistance to Thiamethoxam in Melon and Cotton Aphid (Hemiptera: Aphididae). Journal of Economic Entomology, 2020, 113, 1946-1954.	0.8	22
115	Genetic Diversity of Sitobion avenae (Homoptera: Aphididae) Populations from Different Geographic Regions in China. PLoS ONE, 2014, 9, e109349.	1.1	20
116	A point mutation (L1015F) of the voltage-sensitive sodium channel gene associated with lambda-cyhalothrin resistance in Apolygus lucorum (Meyerâ€“DÃ¼r) population from the transgenic Bt cotton field of China. Pesticide Biochemistry and Physiology, 2016, 127, 82-89.	1.6	20
117	Transcriptome analysis and identification of P450 genes relevant to imidacloprid detoxification in Bradysia odoriphaga. Scientific Reports, 2018, 8, 2564.	1.6	20
118	Identification of a novel cytochrome P450 CYP3356A1 linked with insecticide detoxification in Bradysia odoriphaga. Pest Management Science, 2019, 75, 1006-1013.	1.7	20
119	Multiple ATP-binding cassette transporters genes are involved in thiamethoxam resistance in Aphis gossypii glover. Pesticide Biochemistry and Physiology, 2020, 167, 104558.	1.6	20
120	Multiple detoxification genes confer imidacloprid resistance to Sitobion avenae Fabricius. Crop Protection, 2020, 128, 105014.	1.0	19
121	Sublethal effects of beta-cypermethrin modulate interspecific interactions between specialist and generalist aphid species on soybean. Ecotoxicology and Environmental Safety, 2020, 206, 111302.	2.9	19
122	Comparison of full-length transcriptomes of different imidacloprid-resistant strains of Rhopalosiphum padi (L.). Entomologia Generalis, 2021, 41, 289-304.	1.1	19
123	Comparison of Life Tables ofCheilomenes sexmaculata(Coleoptera: Coccinellidae) Under Laboratory and Greenhouse Conditions. Journal of Economic Entomology, 2015, 108, 1700-1707.	0.8	18
124	Transgenic Bt Cotton Does Not Disrupt the Top-Down Forces Regulating the Cotton Aphid in Central China. PLoS ONE, 2016, 11, e0166771.	1.1	18
125	Survey of organophosphate resistance and an Ala216Ser substitution of acetylcholinesterase-1 gene associated with chlorpyrifos resistance in Apolygus lucorum (Meyer-DÃ¼r) collected from the transgenic Bt cotton fields in China. Pesticide Biochemistry and Physiology, 2016, 132, 29-37.	1.6	18
126	Differential expression of genes in greenbug (Schizaphis graminum Rondani) treated by imidacloprid and RNA interference. Pest Management Science, 2019, 75, 1726-1733.	1.7	18

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127	Propoxur resistance associated with insensitivity of acetylcholinesterase (AChE) in the housefly, Musca domestica (Diptera: Muscidae). Scientific Reports, 2020, 10, 8400.	1.6	18
128	Fitness costs in clothianidin-resistant population of the melon aphid, Aphis gossypii. PLoS ONE, 2020, 15, e0238707.	1.1	18
129	Transcriptome Profiling of Chironomus kiinensis under Phenol Stress Using Solexa Sequencing Technology. PLoS ONE, 2013, 8, e58914.	1.1	18
130	Sublethal and transgenerational effects of afidopyropen on biological traits of the green peach aphid Myzus persicae (Sluzer). Pesticide Biochemistry and Physiology, 2022, 180, 104981.	1.6	18
131	A sublethal concentration of afidopyropen suppresses the population growth of the cotton aphid, Aphis gossypii Glover (Hemiptera: Aphididae). Journal of Integrative Agriculture, 2022, 21, 2055-2064.	1.7	18
132	Quantification of Î³â€aminobutyric acid in the heads of houseflies (Musca domestica) and diamondback moths (Plutella xylostella (L.)), using capillary electrophoresis with laserâ€induced fluorescence detection. Journal of Separation Science, 2012, 35, 548-555.	1.3	17
133	UDP-Glycosyltransferases from the UGT344 Family Are Involved in Sulfoxaflor Resistance in Aphis gossypii Glover. Insects, 2021, 12, 356.	1.0	17
134	Determination of 20 Free Amino Acids in Asparagus Tin by High-Performance Liquid Chromatographic Method after Pre-Column Derivatization. Food Analytical Methods, 2012, 5, 62-68.	1.3	16
135	Demonstration of an adaptive response to preconditioning Frankliniella occidentalis (Pergande) to sublethal doses of spinosad: a hormetic-dose response. Ecotoxicology, 2015, 24, 1141-1151.	1.1	16
136	Susceptibility baseline of Aphis gossypii Glover (Hemiptera: Aphididae) to the novel insecticide afidopyropen in China. Crop Protection, 2022, 151, 105834.	1.0	16
137	Chemosensory proteins confer adaptation to the ryanoid anthranilic diamide insecticide cyantraniliprole in Aphis gossypii glover. Pesticide Biochemistry and Physiology, 2022, 184, 105076.	1.6	16
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