

P450s in plant–insect interactions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular and Structural Perspectives on Cytochrome P450s in Plants. <i>Advances in Botanical Research</i> , 2011, 60, 263-307.	0.5	10
2	Insect cytochromes P450: Topology of structural elements predicted to govern catalytic versatility. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1354-1364.	1.5	39
3	CYP9Q-mediated detoxification of acaricides in the honey bee (<i>Apis mellifera</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12657-12662.	3.3	223
4	Is There a Relationship Between the Substrate Preferences and Structural Flexibility of Cytochromes P450?. <i>Current Drug Metabolism</i> , 2012, 13, 130-142.	0.7	60
5	Î ² -Amyrin Oxidation by Oat CYP51H10 Expressed Heterologously in Yeast Cells: The First Example of CYP51-Dependent Metabolism Other than the 14-Demethylation of Sterol Precursors. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 801-804.	0.6	25
6	Insect P450s: mounted for battle in their war against toxins. <i>Molecular Ecology</i> , 2012, 21, 4157-4159.	2.0	36
7	EFFECT OF SESAME LEAF DIET ON DETOXIFICATION ACTIVITIES OF INSECTS WITH DIFFERENT FEEDING BEHAVIOR. <i>Archives of Insect Biochemistry and Physiology</i> , 2012, 81, 148-159.	0.6	3
8	Toxicological Actions of Plant-Derived and Anthropogenic Methylenedioxyphenyl-Substituted Chemicals in Mammals and Insects. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2012, 15, 365-395.	2.9	17
9	Dietary sterols/steroids and the generalist caterpillar <i>Helicoverpa zea</i> : Physiology, biochemistry and midgut gene expression. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 835-845.	1.2	33
10	Solexa sequencing based transcriptome analysis of <i>Helicoverpa armigera</i> larvae. <i>Molecular Biology Reports</i> , 2012, 39, 11051-11059.	1.0	8
11	Evolutionary Toxicogenomics: Diversification of the Cyp12d1 and Cyp12d3 Genes in <i>Drosophila</i> Species. <i>Journal of Molecular Evolution</i> , 2012, 74, 281-296.	0.8	22
12	Insecticide Resistance Mechanisms in the Green Peach Aphid <i>Myzus persicae</i> (Hemiptera: Aphididae) II: Costs and Benefits. <i>PLoS ONE</i> , 2012, 7, e36810.	1.1	53
13	Arms Race Between Plants and Animals: Biotransformation System. , 2012, , 61-106.		3
14	Genome of papaya, a fast growing tropical fruit tree. <i>Tree Genetics and Genomes</i> , 2012, 8, 445-462.	0.6	21
15	Identification of two new cytochrome P450 genes and RNA interference to evaluate their roles in detoxification of commonly used insecticides in <i>Locusta migratoria</i> . <i>Chemosphere</i> , 2012, 87, 709-717.	4.2	47
16	Transcriptome analysis of the citrus red mite, <i>Panonychus citri</i> , and its gene expression by exposure to insecticide/acaricide. <i>Insect Molecular Biology</i> , 2012, 21, 422-436.	1.0	30
17	Comparative analysis of cytochrome P450-like genes from <i>Locusta migratoria manilensis</i> : expression profiling and response to insecticide exposure. <i>Insect Science</i> , 2012, 19, 75-85.	1.5	45
18	Gossypol-enhanced P450 gene pool contributes to cotton bollworm tolerance to a pyrethroid insecticide. <i>Molecular Ecology</i> , 2012, 21, 4371-4385.	2.0	128

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19	Cysteine protease enhances plant-mediated bollworm RNA interference. <i>Plant Molecular Biology</i> , 2013, 83, 119-129.	2.0	49
20	Rice P450 reductases differentially affect P450-mediated metabolism in bacterial expression systems. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 325-331.	1.7	13
21	GRAVITY PERSISTENT SIGNAL 1 (GPS1) Reveals Novel Cytochrome P450s Involved in Gravitropism. <i>American Journal of Botany</i> , 2013, 100, 183-193.	0.8	13
22	Transcriptional profile of differentially expressed genes related to abortive flower buds under short light period stress in petunia. <i>Scientia Horticulturae</i> , 2013, 164, 323-332.	1.7	6
23	Isolation and expression of cytochrome P450 genes in the antennae and gut of pine beetle <i>Dendroctonus rhizophagus</i> (Curculionidae: Scolytinae) following exposure to host monoterpenes. <i>Gene</i> , 2013, 520, 47-63.	1.0	53
24	Structure and Function of Cytochrome P450S in Insect Adaptation to Natural and Synthetic Toxins: Insights Gained from Molecular Modeling. <i>Journal of Chemical Ecology</i> , 2013, 39, 1232-1245.	0.9	85
25	Plant P450s as versatile drivers for evolution of species-specific chemical diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120426.	1.8	244
26	Responses of Detoxifying, Antioxidant and Digestive Enzyme Activities to Host Shift of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). <i>Journal of Integrative Agriculture</i> , 2013, 12, 296-304.	1.7	17
27	Glutathione-S-transferase profiles in the emerald ash borer, <i>Agrilus planipennis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 66-72.	0.7	6
28	Molecular Cloning and Expression of CYP9A61: A Chlorpyrifos-Ethyl and Lambda-Cyhalothrin-Inducible Cytochrome P450 cDNA from <i>Cydia pomonella</i> . <i>International Journal of Molecular Sciences</i> , 2013, 14, 24211-24229.	1.8	33
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30	Xenomic networks variability and adaptation traits in wood decaying fungi. <i>Microbial Biotechnology</i> , 2013, 6, 248-263.	2.0	122
31	Transcript and Protein Profiling Analysis of the Destruxin A-Induced Response in Larvae of <i>Plutella xylostella</i> . <i>PLoS ONE</i> , 2013, 8, e60771.	1.1	39
32	Diversification of Fungal Specific Class A Glutathione Transferases in Saprotrophic Fungi. <i>PLoS ONE</i> , 2013, 8, e80298.	1.1	38
33	Sequencing, De Novo Assembly and Annotation of the Colorado Potato Beetle, <i>Leptinotarsa decemlineata</i> , Transcriptome. <i>PLoS ONE</i> , 2014, 9, e86012.	1.1	60
34	Response of Last Instar <i>Helicoverpa armigera</i> Larvae to Bt Toxin Ingestion: Changes in the Development and in the CYP6AE14, CYP6B2 and CYP9A12 Gene Expression. <i>PLoS ONE</i> , 2014, 9, e99229.	1.1	22
35	Understanding Resistance and Induced Responses of Insects to Xenobiotics and Insecticides in the Age of Omics and Systems Biology. , 2014, , 55-98.		3
36	Soybean Aphid (Hemiptera: Aphididae) Response to Soybean Plant Defense: Stress Levels, Tradeoffs, and Cross-Virulence. <i>Environmental Entomology</i> , 2014, 43, 47-57.	0.7	12

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38	Insecticidal Activity and Expression of Cytochrome P450 Family 4 Genes in <i>Aedes albopictus</i> After Exposure to Pyrethroid Mosquito Coils. <i>Protein Journal</i> , 2014, 33, 457-464.	0.7	19
39	Comparison of Detoxification Enzymes of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) Biotypes B and Q After Various Host Shifts. <i>Florida Entomologist</i> , 2014, 97, 715-723.	0.2	4
40	Identification of the 2-tridecanone responsive region in the promoter of cytochrome P450<i>CYP6B6</i> of the cotton bollworm, <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Bulletin of Entomological Research</i> , 2014, 104, 801-808.	0.5	13
41	Molecular and functional characterization of CYP6BQ23, a cytochrome P450 conferring resistance to pyrethroids in European populations of pollen beetle, <i>Meligethes aeneus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2014, 45, 18-29.	1.2	83
42	How insects overcome two-component plant chemical defence: plant glucosidases as the main target for herbivore adaptation. <i>Biological Reviews</i> , 2014, 89, 531-551.	4.7	112
43	Bumblebees are not deterred by ecologically relevant concentrations of nectar toxins. <i>Journal of Experimental Biology</i> , 2014, 217, 1620-5.	0.8	68
44	Two <i>CYP4</i> genes of the Chinese white pine beetle, <i>Dendroctonus armandi</i> (Curculionidae: Scolytinae), and their transcript levels under different development stages and treatments. <i>Insect Molecular Biology</i> , 2014, 23, 598-610.	1.0	43
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47	Draft genome of the most devastating insect pest of coffee worldwide: the coffee berry borer, <i>Hypothenemus hampei</i> . <i>Scientific Reports</i> , 2015, 5, 12525.	1.6	60
48	Only a minority of broad-range detoxification genes respond to a variety of phytotoxins in generalist <i>Bemisia tabaci</i> species. <i>Scientific Reports</i> , 2015, 5, 17975.	1.6	26
49	Identification and expression profiles of putative cytochrome P450 monooxygenase genes from <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Entomological Research</i> , 2015, 45, 141-149.	0.6	12
50	Novel Detection of Insecticide Resistance Related P450 Genes and Transcriptome Analysis of the Hemimetabolous Pest <i>Erthesina fullo</i> (Thunberg) (Hemiptera: Heteroptera). <i>PLoS ONE</i> , 2015, 10, e0125970.	1.1	3
51	Insects as a Model System to Understand the Evolutionary Implications of Innovation. , 2015, , 459-482.		3
52	Demonstration of an adaptive response to preconditioning <i>Frankliniella occidentalis</i> (Pergande) to sublethal doses of spinosad: a hormetic-dose response. <i>Ecotoxicology</i> , 2015, 24, 1141-1151.	1.1	16
53	Identification and Expression of Two Novel Cytochrome P450 Genes, CYP6CV1 and CYP9A38, in <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Journal of Insect Science</i> , 2015, 15, 50-50.	0.6	11
54	Dynamics of Copy Number Variation in Host Races of the Pea Aphid. <i>Molecular Biology and Evolution</i> , 2015, 32, 63-80.	3.5	55

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55	Expression Analysis of Two P450 Monooxygenase Genes of the Tobacco Cutworm Moth (<i>Spodoptera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Chemical Ecology, 2015, 41, 111-119.	0.9	36
56	Transcriptional responses of invasive and indigenous whiteflies to different host plants reveal their disparate capacity of adaptation. <i>Scientific Reports</i> , 2015, 5, 10774.	1.6	16
57	Molecular Characterization and Functional Analysis of Three Pathogenesis-Related Cytochrome P450 Genes from <i>Bursaphelenchus xylophilus</i> (Tylenchida: Aphelenchoidoidea). <i>International Journal of Molecular Sciences</i> , 2015, 16, 5216-5234.	1.8	32
58	A novel cytochrome P450 CYP6AB14 gene in <i>Spodoptera litura</i> (Lepidoptera: Noctuidae) and its potential role in plant allelochemical detoxification. <i>Journal of Insect Physiology</i> , 2015, 75, 54-62.	0.9	73
59	Evolution of substrate recognition sites (SRSs) in cytochromes P450 from Apiaceae exemplified by the CYP71A1 subfamily. <i>BMC Evolutionary Biology</i> , 2015, 15, 122.	3.2	43
60	The Genome of Winter Moth (<i>Operophtera brumata</i>) Provides a Genomic Perspective on Sexual Dimorphism and Phenology. <i>Genome Biology and Evolution</i> , 2015, 7, 2321-2332.	1.1	70
61	Cloning and expression of a wild eggplant cytochrome P450 gene, StoCYP77A2, involved in plant resistance to <i>Verticillium dahliae</i> . <i>Plant Biotechnology Reports</i> , 2015, 9, 167-177.	0.9	24
62	Cytochrome P450s from the Chinese white pine beetle, <i>Dendroctonus armandi</i> (Curculionidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Biochemistry and Molecular Biology</i> , 2015, 65, 35-46.	1.2	44
63	A transferrin gene associated with development and 2-tridecanone tolerance in <i>Helicoverpa armigera</i> . <i>Insect Molecular Biology</i> , 2015, 24, 155-166.	1.0	21
64	Cytochrome P450 <i>CYP6DA2</i> regulated by <i>cap n̄™</i> collar isoform C (<i>CncC</i>) is associated with gossypol tolerance in <i>Aphis gossypii</i> Glover. <i>Insect Molecular Biology</i> , 2016, 25, 450-459.	1.0	64
65	Transcriptome profiling reveals differential gene expression of detoxification enzymes in a hemimetabolous tobacco pest after feeding on jasmonate-silenced <i>Nicotiana attenuata</i> plants. <i>BMC Genomics</i> , 2016, 17, 1005.	1.2	46
66	Aphids transform and detoxify the mycotoxin deoxynivalenol via a type II biotransformation mechanism yet unknown in animals. <i>Scientific Reports</i> , 2016, 6, 38640.	1.6	17
67	Gene expression of detoxification enzymes in insecticide-resistant and insecticide-susceptible <i>Bemisia tabaci</i> strains after diafenthiuron exposure. <i>Journal of Agricultural Science</i> , 2016, 154, 742-753.	0.6	9
68	The retardant effect of 2-Tridecanone, mediated by Cytochrome P450, on the Development of Cotton bollworm, <i>Helicoverpa armigera</i> . <i>BMC Genomics</i> , 2016, 17, 954.	1.2	32
69	<i>Dendroctonus armandi</i> (Curculionidae: Scolytinae) cytochrome P450s display tissue specificity and responses to host terpenoids. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016, 201, 1-11.	0.7	16
70	Multifaceted biological insights from a draft genome sequence of the tobacco hornworm moth, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 76, 118-147.	1.2	154
71	Microarray-based annotation of the gut transcriptome of the migratory locust, <i>Locusta migratoria</i> . <i>Insect Molecular Biology</i> , 2016, 25, 745-756.	1.0	8
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73	Collaborative contribution of six cytochrome P450 monooxygenase genes to fenpropathrin resistance in <i>Tetranychus cinnabarinus</i> (Boisduval). <i>Insect Molecular Biology</i> , 2016, 25, 653-665.	1.0	46
74	Reduced abundance of the CYP6CY3-targeting let-7 and miR-100 miRNAs accounts for host adaptation of <i>Myzus persicae nicotianae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 75, 89-97.	1.2	40
75	Diet dependent metabolic responses in three generalist insect herbivores <i>Spodoptera</i> spp. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 71, 91-105.	1.2	81
76	The Role of Xenobiotic-Metabolizing Enzymes in Anthelmintic Deactivation and Resistance in Helminths. <i>Trends in Parasitology</i> , 2016, 32, 481-491.	1.5	63
77	Are feeding preferences and insecticide resistance associated with the size of detoxifying enzyme families in insect herbivores?. <i>Current Opinion in Insect Science</i> , 2016, 13, 70-76.	2.2	80
78	Plant cytochrome P450s: nomenclature and involvement in natural product biosynthesis. <i>Protoplasma</i> , 2016, 253, 1197-1209.	1.0	39
79	Comparative Analysis of Recombinant Cytochrome P450 CYP9A61 from <i>Cydia pomonella</i> Expressed in <i>Escherichia coli</i> and <i>Pichia pastoris</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2337-2344.	2.4	9
80	Plant communication increases heterogeneity in plant phenotypes and herbivore movement. <i>Functional Ecology</i> , 2017, 31, 990-991.	1.7	8
81	Transcription factor <i>aryl hydrocarbon receptor</i> is involved in regulation of the xenobiotic tolerance-related cytochrome P450 <i>CYP6DA2</i> in <i>Aphis gossypii</i> Glover. <i>Insect Molecular Biology</i> , 2017, 26, 485-495.	1.0	37
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83	Identification of two novel P450 genes and their responses to deltamethrin in the cabbage moth, <i>Mamestra brassicae</i> Linnaeus. <i>Pesticide Biochemistry and Physiology</i> , 2017, 141, 76-83.	1.6	9
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85	Analysis of cytochrome P450 contribution to evolved plant toxin resistance in <i>Drosophila sechellia</i> . <i>Insect Molecular Biology</i> , 2017, 26, 715-720.	1.0	16
86	Cytochrome P450 genes from the aquatic midge <i>Chironomus tentans</i> : Atrazine-induced up-regulation of <i>CtCYP6EX3</i> enhanced the toxicity of chlorpyrifos. <i>Chemosphere</i> , 2017, 186, 68-77.	4.2	25
87	Biochemical and molecular mechanisms of diafenthiuron resistance in the whitefly, <i>Bemisia tabaci</i> . <i>International Journal of Pest Management</i> , 2017, 63, 74-81.	0.9	9
88	Functional Study of Cytochrome P450 Enzymes from the Brown Planthopper (<i>Nilaparvata lugens</i> Stål) to Analyze Its Adaptation to BPH-Resistant Rice. <i>Frontiers in Physiology</i> , 2017, 8, 972.	1.3	24
89	Identification of Two Cytochrome Monooxygenase P450 Genes, CYP321A7 and CYP321A9, from the Tobacco Cutworm Moth (<i>Spodoptera litura</i>) and Their Expression in Response to Plant Allelochemicals. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2278.	1.8	21
90	Transcriptome Analysis and Identification of Major Detoxification Gene Families and Insecticide Targets in <i>Grapholita molesta</i> (Busck) (Lepidoptera: Tortricidae). <i>Journal of Insect Science</i> , 2017, 17, .	0.6	19

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91	Molecular identification of four novel cytochrome P450 genes related to the development of resistance of <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae) to chlorantraniliprole. <i>Pest Management Science</i> , 2018, 74, 1938-1952.	1.7	50
92	Identification of putative cytochrome P450 monooxygenase genes from the small white butterfly, <i>Pieris rapae</i> (Lepidoptera: Pieridae), and their response to insecticides. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21455.	0.6	11
93	Phylogenetic and functional characterization of ten P450 genes from the CYP6AE subfamily of <i>Helicoverpa armigera</i> involved in xenobiotic metabolism. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 93, 79-91.	1.2	75
94	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
95	Comparative antennal transcriptome of <i>Apis cerana cerana</i> from four developmental stages. <i>Gene</i> , 2018, 660, 102-108.	1.0	7
96	Prokaryotic functional expression and activity comparison of three CYP9A genes from the polyphagous pest <i>Helicoverpa armigera</i> . <i>Bulletin of Entomological Research</i> , 2018, 108, 77-83.	0.5	4
97	CYP6AE gene cluster knockout in <i>Helicoverpa armigera</i> reveals role in detoxification of phytochemicals and insecticides. <i>Nature Communications</i> , 2018, 9, 4820.	5.8	156
98	Understanding Synergistic Toxicity of Terpenes as Insecticides: Contribution of Metabolic Detoxification in <i>Musca domestica</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1579.	1.7	64
99	Hydroxylated furanoditerpenoids from pupal cases produced by the bruchid beetle <i>Sulcobruchus sauteri</i> inside the seeds of <i>Caesalpinia decapetala</i> . <i>Phytochemistry</i> , 2018, 156, 151-158.	1.4	9
100	Mechanisms of Plastic Rescue in Novel Environments. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2018, 49, 331-354.	3.8	109
101	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
102	Evolution of the Biosynthetic Pathway for Cyanogenic Glucosides in Lepidoptera. <i>Journal of Molecular Evolution</i> , 2018, 86, 379-394.	0.8	10
103	Transcriptome-wide survey, gene expression profiling and exogenous chemical-induced transcriptional responses of cytochrome P450 superfamily genes in migratory locust (<i>Locusta migratoria</i>). <i>Journal of Insect Physiology</i> , 2018, 106, 1-10.	1.0	10
104	De novo transcriptomic analysis of the alimentary tract of the tephritid gall fly, <i>Procecidochares utilis</i> . <i>PLoS ONE</i> , 2018, 13, e0201679.	1.1	6
105	Gossypol-induced fitness gain and increased resistance to deltamethrin in beet armyworm, <i>Spodoptera exigua</i> (Hübner). <i>Pest Management Science</i> , 2019, 75, 683-693.	1.7	38
106	Copper exposure enhances <i>Spodoptera litura</i> larval tolerance to λ^2 -cypermethrin. <i>Pesticide Biochemistry and Physiology</i> , 2019, 160, 127-135.	1.6	39
107	Expression Patterns, Molecular Characterization, and Response to Host Stress of CYP Genes from <i>Phenacoccus solenopsis</i> (Hemiptera: Pseudococcidae). <i>Insects</i> , 2019, 10, 264.	1.0	2
108	Copper-induced H ₂ O ₂ accumulation confers larval tolerance to xanthotoxin by modulating CYP6B50 expression in <i>Spodoptera litura</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 159, 118-126.	1.6	33

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109	Isolation of putative pepper defense-related genes against the pathogen <i>Phytophthora capsici</i> using suppression subtractive hybridization/microarray and RNA-sequencing analyses. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 685-699.	0.7	8
110	Silencing of <i>cyp-33C9</i> Gene Affects the Reproduction and Pathogenicity of the Pine Wood Nematode, <i>Bursaphelenchus xylophilus</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4520.	1.8	17
111	Transcription Factors AhR/ARNT Regulate the Expression of CYP6CY3 and CYP6CY4 Switch Conferring Nicotine Adaptation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4521.	1.8	23
112	A review of DDT resistance as it pertains to the 91-C and 91-R strains in <i>Drosophila melanogaster</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 161, 86-94.	1.6	5
113	Time-Course of CYP450 Genes Expression From <i>Dendroctonus rhizophagus</i> (Curculionidae: Scolytinae) During Early Hours of Drilling Bark and Settling Into the Host Tree. <i>Journal of Insect Science</i> , 2019, 19, .	0.6	5
114	Predictability in the evolution of Orthopteran cardenolide insensitivity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180246.	1.8	33
115	Knock-Down of Gossypol-Inducing Cytochrome P450 Genes Reduced Deltamethrin Sensitivity in <i>Spodoptera exigua</i> (HÄ¼bner). <i>International Journal of Molecular Sciences</i> , 2019, 20, 2248.	1.8	32
116	Cytochrome P450s in the sugarcane <i>Saccharum spontaneum</i> . <i>Tropical Plant Biology</i> , 2019, 12, 150-157.	1.0	2
117	Chronic toxicity and biochemical response of <i>Apis cerana cerana</i> (Hymenoptera: Apidae) exposed to acetamiprid and propiconazole alone or combined. <i>Ecotoxicology</i> , 2019, 28, 399-411.	1.1	36
118	Capsaicin is efficiently transformed by multiple cytochrome P450s from <i>Capsicum</i> fruit-feeding <i>Helicoverpa armigera</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 156, 145-151.	1.6	21
119	Bioactivation of aflatoxin B1 by a cytochrome P450, CYP6AE19 induced by plant signaling methyl jasmonate in <i>Helicoverpa armigera</i> (HÄ¼bner). <i>Pesticide Biochemistry and Physiology</i> , 2019, 157, 211-218.	1.6	13
120	An influential meal: host plant dependent transcriptional variation in the beet armyworm, <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>BMC Genomics</i> , 2019, 20, 845.	1.2	5
121	Plant allelochemicals affect tolerance of polyphagous lepidopteran pest <i>Helicoverpa armigera</i> (HÄ¼bner) against insecticides. <i>Pesticide Biochemistry and Physiology</i> , 2019, 154, 32-38.	1.6	27
122	Exposure to Herbicides Prime P450-Mediated Detoxification of <i>Helicoverpa armigera</i> against Insecticide and Fungal Toxin. <i>Insects</i> , 2019, 10, 28.	1.0	6
123	CYP4CJ1-mediated gossypol and tannic acid tolerance in <i>Aphis gossypii</i> Glover. <i>Chemosphere</i> , 2019, 219, 961-970.	4.2	36
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