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List of Publications by Year
in descending order

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62 papers	2,150 citations	201674 27 h-index	243625 44 g-index
62 all docs	62 docs citations	62 times ranked	1426 citing authors

#	Article	IF	Citations
1	miR-34-5p, a novel molecular target against lepidopteran pests. Journal of Pest Science, 2023, 96, 209-224.	3.7	16
2	Resistance and fitness costs in diamondback moths after selection using broflanilide, a novel metaâ€diamide insecticide. Insect Science, 2022, 29, 188-198.	3.0	24
3	Sublethal and transgenerational effects of afidopyropen on biological traits of the green peach aphid Myzus persicae (Sluzer). Pesticide Biochemistry and Physiology, 2022, 180, 104981.	3.6	18
4	Influence of seasonal migration on evolution of insecticide resistance in Plutella xylostella. Insect Science, 2022, 29, 496-504.	3.0	12
5	Overexpression of PxÎ±E14 Contributing to Detoxification of Multiple Insecticides in Plutella xylostella (L.). Journal of Agricultural and Food Chemistry, 2022, 70, 5794-5804.	5.2	15
6	Characterization of carboxylesterase PxÎ±E8 and its role in multi-insecticide resistance in Plutella xylostella (L.). Journal of Integrative Agriculture, 2022, 21, 1713-1721.	3.5	1
7	Identification of 1â€phenylâ€4â€cyanoâ€5â€aminopyrazoles as novel ecdysone receptor ligands by virtual screening, structural optimization, and biological evaluations. Chemical Biology and Drug Design, 2021, 97, 184-195.	3.2	4
8	Functional analysis of a carboxylesterase gene involved in betaâ€cypermethrin and phoxim resistance in Plutella xylostella (L.). Pest Management Science, 2021, 77, 2097-2105.	3.4	14
9	Coordinative mediation of the response to alarm pheromones by three odorant binding proteins in the green peach aphid Myzus persicae. Insect Biochemistry and Molecular Biology, 2021, 130, 103528.	2.7	33
10	Genome-Wide Identification and Analysis of Chitinase-Like Gene Family in Bemisia tabaci (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	11
11	Identification of <scp>ABCG</scp> transporter genes associated with chlorantraniliprole resistance in Plutella xylostella (L.). Pest Management Science, 2021, 77, 3491-3499.	3.4	31
12	Detection of ryanodine receptor targetâ€site mutations in diamide insecticideâ€resistant Spodoptera frugiperda in China. Insect Science, 2021, 28, 639-648.	3.0	40
13	Regulation of GSTu1-mediated insecticide resistance in Plutella xylostella by miRNA and lncRNA. PLoS Genetics, 2021, 17, e1009888.	3.5	31
14	MiR-189942 regulates fufenozide susceptibility by modulating ecdysone receptor isoform B in Plutella xylostella (L.). Pesticide Biochemistry and Physiology, 2020, 163, 235-240.	3.6	12
15	MicroRNA-998â€“3p contributes to Cry1Ac-resistance by targeting ABCC2 in lepidopteran insects. Insect Biochemistry and Molecular Biology, 2020, 117, 103283.	2.7	34
16	Upâ€regulation of calmodulin involved in the stress response to cyantraniliprole in the whitefly, Bemisia tabaci (Hemiptera: Aleyrodidae). Insect Science, 2020, 28, 1745-1755.	3.0	7
17	Cloning and Functional Analysis of Two Ca²⁺-Binding Proteins (CaBPs) in Response to Cyantraniliprole Exposure in Bemisia tabaci (Hemiptera: Aleyrodidae). Journal of Agricultural and Food Chemistry, 2019, 67, 11035-11043.	5.2	8
18	Overexpression of multiple cytochrome P450 genes associated with sulfoxaflor resistance in Aphis gossypii Glover. Pesticide Biochemistry and Physiology, 2019, 157, 204-210.	3.6	68

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19	Identification and RNAiâ€based function analysis of chitinase family genes in diamondback moth, Plutella xylostella. Pest Management Science, 2019, 75, 1951-1961.	3.4	45
20	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.	3.4	26
21	Characterization of UDPâ€glucuronosyltransferase genes and their possible roles in multiâ€insecticide resistance in Plutella xylostella (L.). Pest Management Science, 2018, 74, 695-704.	3.4	86
22	Overexpression of cytochrome P450 CYP6BG1 may contribute to chlorantraniliprole resistance in Plutella xylostella (L.). Pest Management Science, 2018, 74, 1386-1393.	3.4	105
23	Effects of high temperature on insecticide tolerance in whitefly Bemisia tabaci (Gennadius) Q biotype. Pesticide Biochemistry and Physiology, 2018, 150, 97-104.	3.6	25
24	Global identification of microRNAs associated with chlorantraniliprole resistance in diamondback moth Plutella xylostella (L.). Scientific Reports, 2017, 7, 40713.	3.3	29
25	A P-glycoprotein gene serves as a component of the protective mechanisms against 2-tridecanone and abamectin in Helicoverpa armigera. Gene, 2017, 627, 63-71.	2.2	8
26	Silence of inositol 1,4,5-trisphosphate receptor expression decreases cyantraniliprole susceptibility in Bemisia tabaci. Pesticide Biochemistry and Physiology, 2017, 142, 162-169.	3.6	11
27	Genome-wide identification of lncRNAs associated with chlorantraniliprole resistance in diamondback moth Plutella xylostella (L.). BMC Genomics, 2017, 18, 380.	2.8	64
28	Over-expression of UDP-glycosyltransferase geneUGT2B17is involved in chlorantraniliprole resistance inPlutella xylostella(L.). Pest Management Science, 2017, 73, 1402-1409.	3.4	107
29	cDNA cloning and characterization of the carboxylesterase pxCCE016b from the diamondback moth, Plutella xylostella L.. Journal of Integrative Agriculture, 2016, 15, 1059-1068.	3.5	10
30	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.	3.6	18
31	miRNAs regulated overexpression of ryanodine receptor is involved in chlorantraniliprole resistance in Plutella xylostella (L.). Scientific Reports, 2015, 5, 14095.	3.3	56
32	Expression Profiling in Bemisia tabaci under Insecticide Treatment: Indicating the Necessity for Custom Reference Gene Selection. PLoS ONE, 2014, 9, e87514.	2.5	49
33	Enantioseparation of Methyl 2-Hydroxypropionate with Two Peracylated Î²-Cyclodextrin Derivatives as CGC Chiral Stationary Phases. Chromatographia, 2014, 77, 517-522.	1.3	2
34	Duplication of acetylcholinesterase gene in diamondback moth strains with different sensitivities to acephate. Insect Biochemistry and Molecular Biology, 2014, 48, 83-90.	2.7	16
35	Biochemical Mechanism of Chlorantraniliprole Resistance in the Diamondback Moth, Plutella xylostella Linnaeus. Journal of Integrative Agriculture, 2014, 13, 2452-2459.	3.5	49
36	Fluorescent Probes for Insect Ryanodine Receptors: Candidate Anthranilic Diamides. Molecules, 2014, 19, 4105-4114.	3.8	8

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37	Novel mutations and mutation combinations of ryanodine receptor in a chlorantraniliprole resistant population of Plutella xylostella (L.). Scientific Reports, 2014, 4, 6924.	3.3	116
38	Sublethal and transgenerational effects of chlorantraniliprole on biological traits of the diamondback moth, Plutella xylostella L.. Crop Protection, 2013, 48, 29-34.	2.1	109
39	Identification and Developmental Profiling of microRNAs in Diamondback Moth, Plutellaxylostella (L.). PLoS ONE, 2013, 8, e78787.	2.5	32
40	Short-term and transgenerational effects of the neonicotinoid nitenpyram on susceptibility to insecticides in two whitefly species. Ecotoxicology, 2012, 21, 1889-1898.	2.4	96
41	Omethoate-Induced Changes of (+)-Î´-Cadinene Synthase Activity and Gossypol Content in Cotton Seedlings. Journal of Integrative Agriculture, 2012, 11, 1682-1690.	3.5	2
42	Cloning, ligand-binding, and temporal expression of ecdysteroid receptors in the diamondback moth, Plutella xylostella. BMC Molecular Biology, 2012, 13, 32.	3.0	9
43	Crossâ€resistance patterns and fitness in fufenozideâ€resistant diamondback moth, Plutella xylostella (Lepidoptera: Plutellidae). Pest Management Science, 2012, 68, 285-289.	3.4	58
44	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.	3.4	34
45	Frequencies of the M918I mutation in the sodium channel of the diamondback moth in China, Thailand and Japan and its association with pyrethroid resistance. Pesticide Biochemistry and Physiology, 2012, 102, 142-145.	3.6	15
46	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.	2.5	17
47	The stability and biochemical basis of fufenozide resistance in a laboratory-selected strain of Plutella xylostella. Pesticide Biochemistry and Physiology, 2011, 101, 80-85.	3.6	28
48	Sequencing and characterization of two cDNAs putatively encoding prophenoloxidases in the diamondback moth, Plutella xylostella (L.) (Lepidoptera: Yponomeutidae). Applied Entomology and Zoology, 2011, 46, 211-221.	1.2	6
49	Chromatographic Properties of 2,3-Di-O-allyl-6-O-acyl-Î²-cyclodextrins as Chiral Stationary Phases of Capillary GC. Chromatographia, 2010, 71, 539-544.	1.3	3
50	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.	3.4	27
51	HPLC Assay for Characterizing Î±-Cyano-3-phenoxybenzyl Pyrethroids Hydrolytic Metabolism byHelicoverpa armigera(Hu̇bner) Based on the Quantitative Analysis of 3-Phenoxybenzoic Acid. Journal of Agricultural and Food Chemistry, 2010, 58, 694-701.	5.2	13
52	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.	1.6	41
53	Cloning, developmental and tissue-specific expression of Î³-aminobutyric acid (GABA) receptor alpha2 subunit gene in Spodoptera exigua (HÃ¼bner). Pesticide Biochemistry and Physiology, 2009, 93, 1-7.	3.6	10
54	Effects of pyrethroids and endosulfan on fluidity of mitochondria membrane in Chilo suppressalis (Walker). Pesticide Biochemistry and Physiology, 2009, 95, 72-76.	3.6	5

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55	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.	3.0	26
56	Overexpression of carboxylesterase gene associated with organophosphorous insecticide resistance in cotton aphids, Aphis gossypii (Glover). Pesticide Biochemistry and Physiology, 2008, 90, 175-180.	3.6	117
57	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.	3.4	59
58	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.	3.6	73
59	Induction of the cytochrome P450 activity by plant allelochemicals in the cotton bollworm, Helicoverpa armigera (HÃ¼bner). Pesticide Biochemistry and Physiology, 2006, 84, 127-134.	3.6	65
60	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.	3.6	25
61	The capillary gas chromatographic properties of four Î²-cyclodextrin derivatives with allyl groups or propyl groups on 3-position or 6-position of Î²-cyclodextrin. Analytica Chimica Acta, 2005, 548, 86-94.	5.4	11
62	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.	3.4	60