You-jun Zhang

List of Publications by Year
in descending order

247 papers	10,365 citations	34076 52 h-index	48277 88 g-index
250 all docs	250 docs citations	250 times ranked	7969 citing authors

#	Article	IF	Citations
1	Genome sequence and analysis of the tuber crop potato. Nature, 2011, 475, 189-195.	13.7	1,912
2	THE INTRODUCTION OF THE EXOTIC Q BIOTYPE OF BEMISIA TABACI FROM THE MEDITERRANEAN REGION INTO CHINA ON ORNAMENTAL CROPS. Florida Entomologist, 2006, 89, 168-174.	0.2	212
3	MAPK Signaling Pathway Alters Expression of Midgut ALP and ABCC Genes and Causes Resistance to Bacillus thuringiensis Cry1Ac Toxin in Diamondback Moth. PLoS Genetics, 2015, 11, e1005124.	1.5	178
4	Reference Gene Selection for qRT-PCR Analysis in the Sweetpotato Whitefly, Bemisia tabaci (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	165
5	Whitefly hijacks a plant detoxification gene that neutralizes plant toxins. Cell, 2021, 184, 1693-1705.e17.	13.5	161
6	Translocation of Branched-Chain Arginine Peptides through Cell Membranes:Â Flexibility in the Spatial Disposition of Positive Charges in Membrane-Permeable Peptidesâ€. Biochemistry, 2002, 41, 7925-7930.	1.2	155
7	Exploring Valid Reference Genes for Quantitative Real-time PCR Analysis in <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). International Journal of Biological Sciences, 2013, 9, 792-802.	2.6	155
8	Multiple Forms of Vector Manipulation by a Plant-Infecting Virus: Bemisia tabaci and Tomato Yellow Leaf Curl Virus. Journal of Virology, 2013, 87, 4929-4937.	1.5	149
9	Further Spread of and Domination by Bemisia tabaci (Hemiptera: Aleyrodidae) Biotype Q on Field Crops in China. Journal of Economic Entomology, 2011, 104, 978-985.	0.8	146
10	MAPK-directed activation of the whitefly transcription factor <i>CREB</i> leads to P450-mediated imidacloprid resistance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10246-10253.	3.3	135
11	Analysis of genetic diversity among different geographical populations and determination of biotypes of Bemisia tabaci in China. Journal of Applied Entomology, 2005, 129, 121-128.	0.8	131
12	Progress and Prospects of CRISPR/Cas Systems in Insects and Other Arthropods. Frontiers in Physiology, 2017, 8, 608.	1.3	126
13	Rapid Spread of Tomato Yellow Leaf Curl Virus in China Is Aided Differentially by Two Invasive Whiteflies. PLoS ONE, 2012, 7, e34817.	1.1	120
14	The whiteflyâ€associated facultative symbiont <i>Hamiltonella defensa</i> suppresses induced plant defences in tomato. Functional Ecology, 2015, 29, 1007-1018.	1.7	114
15	Crossâ€resistance study and biochemical mechanisms of thiamethoxam resistance in Bâ€biotype <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). Pest Management Science, 2010, 66, 313-318.	1.7	101
16	Down-regulation of a novel ABC transporter gene (Pxwhite) is associated with Cry1Ac resistance in the diamondback moth, Plutella xylostella (L.). Insect Biochemistry and Molecular Biology, 2015, 59, 30-40.	1.2	97
17	Tomato yellow leaf curl virus alters the host preferences of its vector Bemisia tabaci. Scientific Reports, 2013, 3, 2876.	1.6	93
18	Selection and Evaluation of Reference Genes for Expression Analysis Using qRT-PCR in the Beet Armyworm Spodoptera exigua (HÃ¼bner) (Lepidoptera: Noctuidae). PLoS ONE, 2014, 9, e84730.	1.1	91

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19	Genome sequencing of the sweetpotato whitefly Bemisia tabaci MED/Q. GigaScience, 2017, 6, 1-7.	3.3	90
20	Life history of western flower thrips, Frankliniella occidentalis (Thysan., Thripae), on five different vegetable leaves. Journal of Applied Entomology, 2007, 131, 347-354.	0.8	87
21	Two cytochrome P450 genes are involved in imidacloprid resistance in field populations of the whitefly, Bemisia tabaci, in China. Pesticide Biochemistry and Physiology, 2013, 107, 343-350.	1.6	87
22	Selection of Reference Genes for the Normalization of RT-qPCR Data in Gene Expression Studies in Insects: A Systematic Review. Frontiers in Physiology, 2018, 9, 1560.	1.3	87
23	A Highly Efficient Agrobacterium-Mediated Method for Transient Gene Expression and Functional Studies in Multiple Plant Species. Plant Communications, 2020, 1, 100028.	3.6	85
24	Factors Affecting Population Dynamics of Maternally Transmitted Endosymbionts in Bemisia tabaci. PLoS ONE, 2012, 7, e30760.	1.1	82
25	Insect symbiont facilitates vector acquisition, retention and transmission of plant virus. Scientific Reports, 2013, 3, 1367.	1.6	82
26	Midgut transcriptome response to a Cry toxin in the diamondback moth, Plutella xylostella (Lepidoptera: Plutellidae). Gene, 2014, 533, 180-187.	1.0	82
27	CRISPR/Cas9-mediated knockout of both the PxABCC2 and PxABCC3 genes confers high-level resistance to Bacillus thuringiensis Cry1Ac toxin in the diamondback moth, Plutella xylostella (L.). Insect Biochemistry and Molecular Biology, 2019, 107, 31-38.	1.2	82
28	MAPK-dependent hormonal signaling plasticity contributes to overcoming Bacillus thuringiensis toxin action in an insect host. Nature Communications, 2020, 11, 3003.	5.8	78
29	Further insights into the strange role of bacterial endosymbionts in whitefly, <i>Bemisia tabaci</i>: Comparison of secondary symbionts from biotypes B and Q in China. Bulletin of Entomological Research, 2011, 101, 477-486.	0.5	77
30	Transcriptome profiling of the whitefly <i><scp>B</scp>emisia tabaci</i> reveals stageâ€specific gene expression signatures for thiamethoxam resistance. Insect Molecular Biology, 2013, 22, 485-496.	1.0	77
31	Sublethal effects of spinosad on Plutella xylostella (Lepidoptera: Yponomeutidae). Crop Protection, 2008, 27, 1385-1391.	1.0	75
32	Transmission of Tomato Yellow Leaf Curl Virus by Bemisia tabaci as Affected by Whitefly Sex and Biotype. Scientific Reports, 2015, 5, 10744.	1.6	74
33	Glutathione S-transferases are involved in thiamethoxam resistance in the field whitefly Bemisia tabaci Q (Hemiptera: Aleyrodidae). Pesticide Biochemistry and Physiology, 2016, 134, 73-78.	1.6	74
34	Fitness costs and morphological change of laboratoryâ€selected thiamethoxam resistance in the Bâ€type <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). Journal of Applied Entomology, 2009, 133, 466-472.	0.8	72
35	Evaluation of Housekeeping Genes for Quantitative Real-Time PCR Analysis of Bradysia odoriphaga (Diptera: Sciaridae). International Journal of Molecular Sciences, 2016, 17, 1034.	1.8	69
36	Transmission Efficiency, Preference and Behavior of Bemisia tabaci MEAM1 and MED under the Influence of Tomato Chlorosis Virus. Frontiers in Plant Science, 2017, 8, 2271.	1.7	68

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37	Pyrosequencing the Bemisia tabaci Transcriptome Reveals a Highly Diverse Bacterial Community and a Robust System for Insecticide Resistance. PLoS ONE, 2012, 7, e35181.	1.1	67
38	Difference in Feeding Behaviors of Two Invasive Whiteflies on Host Plants with Different Suitability: Implication for Competitive Displacement. International Journal of Biological Sciences, 2012, 8, 697-706.	2.6	66
39	Effects of Temperature on the Age-Stage, Two-Sex Life Table of Bradysia odoriphaga (Diptera: Sciaridae). Journal of Economic Entomology, 2015, 108, 126-134.	0.8	66
40	Symbiont-mediated functions in insect hosts. Communicative and Integrative Biology, 2013, 6, e23804.	0.6	65
41	The novel ABC transporter ABCH1 is a potential target for RNAi-based insect pest control and resistance management. Scientific Reports, 2015, 5, 13728.	1.6	64
42	Insecticides promote viral outbreaks by altering herbivore competition. Ecological Applications, 2015, 25, 1585-1595.	1.8	64
43	Manipulation of Host Quality and Defense by a Plant Virus Improves Performance of Whitefly Vectors. Journal of Economic Entomology, 2015, 108, 11-19.	0.8	63
44	Dynamic monitoring (B versus Q) and further resistance status of Q-type Bemisia tabaci in China. Crop Protection, 2017, 94, 115-122.	1.0	62
45	Synthesis and Insecticidal Activity of <i>N</i>-<i>tert</i>-Butyl-<i>N</i>,<i>N</i>â€²-diacylhydrazines Containing 1,2,3-Thiadiazoles. Journal of Agricultural and Food Chemistry, 2011, 59, 628-634.	2.4	60
46	Induction effects of host plants on insecticide susceptibility and detoxification enzymes of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). Pest Management Science, 2011, 67, 87-93.	1.7	60
47	Genome-wide analysis of ATP-binding cassette (ABC) transporters in the sweetpotato whitefly, Bemisia tabaci. BMC Genomics, 2017, 18, 330.	1.2	60
48	Status of insecticide resistance and associated mutations in Q-biotype of whitefly, Bemisia tabaci, from eastern China. Crop Protection, 2012, 31, 67-71.	1.0	59
49	Status of pesticide resistance and associated mutations in the two-spotted spider mite, Tetranychus urticae, in China. Pesticide Biochemistry and Physiology, 2018, 150, 89-96.	1.6	59
50	Transcriptomic and Proteomic Responses of Sweetpotato Whitefly, Bemisia tabaci, to Thiamethoxam. PLoS ONE, 2013, 8, e61820.	1.1	58
51	Development of Bradysia odoriphaga (Diptera: Sciaridae) as affected by humidity: an ageâ€“stage, two-sex, life-table study. Applied Entomology and Zoology, 2015, 50, 3-10.	0.6	56
52	Differential effects of an exotic plant virus on its two closely related vectors. Scientific Reports, 2013, 3, 2230.	1.6	55
53	A salivary ferritin in the whitefly suppresses plant defenses and facilitates host exploitation. Journal of Experimental Botany, 2019, 70, 3343-3355.	2.4	54
54	<i>Tomato yellow leaf curl virus</i> differentially influences plant defence responses to a vector and a nonâ€vector herbivore. Plant, Cell and Environment, 2016, 39, 597-607.	2.8	53

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55	Arginine Carrier Peptide Bearing Ni(II) Chelator to Promote Cellular Uptake of Histidine-Tagged Proteins. Bioconjugate Chemistry, 2004, 15, 475-481.	1.8	52
56	Tissue-Specific Transcriptome Profiling of <i>Plutella Xylostella</i> Third Instar Larval Midgut. International Journal of Biological Sciences, 2012, 8, 1142-1155.	2.6	52
57	Sublethal effects of spinetoram on the two-spotted spider mite, Tetranychus urticae (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.6	52
58	The Endosymbiont Hamiltonella Increases the Growth Rate of Its Host Bemisia tabaci during Periods of Nutritional Stress. PLoS ONE, 2014, 9, e89002.	1.1	52
59	Invasive mechanism and management strategy of Bemisia tabaci (Gennadius) biotype B: Progress report of 973 Program on invasive alien species in China. Science in China Series C: Life Sciences, 2009, 52, 88-95.	1.3	49
60	Host preference and nymph performance of B and Q putative species of Bemisia tabaci on three host plants. Journal of Pest Science, 2012, 85, 423-430.	1.9	49
61	Virus infection of a weed increases vector attraction to and vector fitness on the weed. Scientific Reports, 2013, 3, 2253.	1.6	47
62	A whitefly effector Bsp9 targets host immunity regulator WRKY33 to promote performance. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180313.	1.8	47
63	Changes in the expression of four ABC transporter genes in response to imidacloprid in Bemisia tabaci Q (Hemiptera: Aleyrodidae). Pesticide Biochemistry and Physiology, 2019, 153, 136-143.	1.6	47
64	Bemisia tabaci Q carrying tomato yellow leaf curl virus strongly suppresses host plant defenses. Scientific Reports, 2014, 4, 5230.	1.6	46
65	Relative Amount of Symbionts in Insect Hosts Changes with Host-Plant Adaptation and Insecticide Resistance. Environmental Entomology, 2013, 42, 74-78.	0.7	45
66	Identification of glutathione Sâ€transferases in <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) and evidence that GSTd7 helps explain the difference in insecticide susceptibility between <i>B.Âtabaci</i> Middle Eastâ€Minor Asia 1 and Mediterranean. Insect Molecular Biology, 2018, 27, 22-35.	1.0	45
67	Tomato Spotted Wilt Virus Infection Reduces the Fitness of a Nonvector Herbivore on Pepper. Journal of Economic Entomology, 2013, 106, 924-928.	0.8	43
68	Facultative Symbiont <I>Hamiltonella</I> Confers Benefits to <I>Bemisia tabaci</I> (Hemiptera: Aleyrodidae), an Invasive Agricultural Pest Worldwide. Environmental Entomology, 2013, 42, 1265-1271.	0.7	43
69	Whitefly aggregation on tomato is mediated by feedingâ€induced changes in plant metabolites that influence the behaviour and performance of conspecifics. Functional Ecology, 2018, 32, 1180-1193.	1.7	43
70	Cryptic Invasion of the Exotic<i>Bemisia tabaci</i>Biotype Q Occurred Widespread in Shandong Province of China. Florida Entomologist, 2010, 93, 203-207.	0.2	41
71	Cross-resistance and biochemical mechanisms of abamectin resistance in the western flower thrips, Frankliniella occidentalis. Pesticide Biochemistry and Physiology, 2011, 101, 34-38.	1.6	41
72	The invasive MED/Q Bemisia tabaci genome: a tale of gene loss and gene gain. BMC Genomics, 2018, 19, 68.	1.2	41

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73	Plant Virus Differentially Alters the Plant's Defense Response to Its Closely Related Vectors. PLoS ONE, 2013, 8, e83520.	1.1	41
74	Gramicidin-based channel systems for the detection of proteinâ€"ligand interaction. Bioorganic and Medicinal Chemistry, 2004, 12, 1343-1350.	1.4	40
75	Resistance Monitoring for Eight Insecticides on the Sweetpotato Whitefly (Hemiptera: Aleyrodidae) in China. Journal of Economic Entomology, 2017, 110, 660-666.	0.8	38
76	Flow cytometry and K-mer analysis estimates of the genome sizes of Bemisia tabaci B and Q (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 1	1.3	37
77	Insect Transcription Factors: A Landscape of Their Structures and Biological Functions in Drosophila and beyond. International Journal of Molecular Sciences, 2018, 19, 3691.	1.8	37
78	FoccÎ±6, a truncated nAChR subunit, positively correlates with spinosad resistance in the western flower thrips, Frankliniella occidentalis (Pergande). Insect Biochemistry and Molecular Biology, 2018, 99, 1-10.	1.2	37
79	The regulation landscape of MAPK signaling cascade for thwarting Bacillus thuringiensis infection in an insect host. PLoS Pathogens, 2021, 17, e1009917.	2.1	37
80	Sensitivity of Bemisia Tabaci (Hemiptera: Aleyrodidae) to Several New Insecticides in China: Effects of Insecticide Type and Whitefly Species, Strain, and Stage. Journal of Insect Science, 2014, 14, 261.	0.6	36
81	Construction and characterisation of near-isogenic<i>Plutella xylostella</i>(Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	36
82	Genomeâ€wide analysis of odorantâ€binding proteins and chemosensory proteins in the sweet potato whitefly, <i>Bemisia tabaci</i>. Insect Science, 2019, 26, 620-634.	1.5	36
83	Reduced expression of the Pâ€glycoprotein gene <i>PxABCB1</i> is linked to resistance to <i>Bacillus thuringiensis</i> Cry1Ac toxin in <i>Plutella xylostella</i> (L.). Pest Management Science, 2020, 76, 712-720.	1.7	35
84	The midgut cadherin-like gene is not associated with resistance to Bacillus thuringiensis toxin Cry1Ac in Plutella xylostella (L.). Journal of Invertebrate Pathology, 2015, 126, 21-30.	1.5	34
85	Epitranscriptomic regulation of insecticide resistance. Science Advances, 2021, 7, .	4.7	34
86	Odor, Not Performance, Dictates Bemisia tabaci's Selection between Healthy and Virus Infected Plants. Frontiers in Physiology, 2017, 8, 146.	1.3	33
87	Lack of fitness costs and inheritance of resistance to <i>Bacillus thuringiensis</i> Cry1Ac toxin in a near-isogenic strain of <i>Plutella xylostella</i> (Lepidoptera: Plutellidae). Pest Management Science, 2016, 72, 289-297.	1.7	31
88	Investigation of the genetic diversity of an invasive whitefly (Bemisia tabaci) in China using both mitochondrial and nuclear DNA markers. Bulletin of Entomological Research, 2011, 101, 467-475.	0.5	30
89	Field resistance monitoring of the immature stages of the whitefly Bemisia tabaci to spirotetramat in China. Crop Protection, 2017, 98, 243-247.	1.0	30
90	Direct and indirect plant defenses induced by (Z)-3-hexenol in tomato against whitefly attack. Journal of Pest Science, 2020, 93, 1243-1254.	1.9	30

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91	Identification and characterization of <i>doublesex</i> in <i>Bemisia tabaci</i>. Insect Molecular Biology, 2018, 27, 620-632.	1.0	29
92	Transcriptome Analysis of Barbarea vulgaris Infested with Diamondback Moth (Plutella xylostella) Larvae. PLoS ONE, 2013, 8, e64481.	1.1	28
93	Knockdown of UGT352A5 decreases the thiamethoxam resistance in Bemisia tabaci (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.6	28
94	Demographic Changes in Multigeneration <I>Plutella xylostella</I> (Lepidoptera: Plutellidae) After Exposure to Sublethal Concentrations of Spinosad. Journal of Economic Entomology, 2009, 102, 357-365.	0.8	27
95	Transcriptomic dissection of sexual differences in Bemisia tabaci, an invasive agricultural pest worldwide. Scientific Reports, 2014, 4, 4088.	1.6	27
96	Proteomics-based identification of midgut proteins correlated with Cry1Ac resistance in Plutella xylostella (L.). Pesticide Biochemistry and Physiology, 2016, 132, 108-117.	1.6	27
97	Detoxification enzymes of <i>Bemisia tabaci</i> B and Q: biochemical characteristics and gene expression profiles. Pest Management Science, 2014, 70, 1588-1594.	1.7	26
98	The Salicylic Acid-Mediated Release of Plant Volatiles Affects the Host Choice of Bemisia tabaci. International Journal of Molecular Sciences, 2016, 17, 1048.	1.8	26
99	RNA interference-mediated knockdown of the hydroxyacid-oxoacid transhydrogenase gene decreases thiamethoxam resistance in adults of the whitefly Bemisia tabaci. Scientific Reports, 2017, 7, 41201.	1.6	26
100	Location of Symbionts in the Whitefly Bemisia tabaci Affects Their Densities during Host Development and Environmental Stress. PLoS ONE, 2014, 9, e91802.	1.1	26
101	A versatile contribution of both aminopeptidases N and ABC transporters to Bt Cry1Ac toxicity in the diamondback moth. BMC Biology, 2022, 20, 33.	1.7	26
102	Molecular Cloning and Characterization of a P-Glycoprotein from the Diamondback Moth, Plutella xylostella (Lepidoptera: Plutellidae). International Journal of Molecular Sciences, 2013, 14, 22891-22905.	1.8	25
103	<i>Tomato spotted wilt orthotospovirus</i> influences the reproduction of its insect vector, western flower thrips, <scp><i>Frankliniella occidentalis</i></scp>, to facilitate transmission. Pest Management Science, 2020, 76, 2406-2414.	1.7	25
104	Effects of Heat Shock on the Bradysia odoriphaga (Diptera: Sciaridae). Journal of Economic Entomology, 2017, 110, 1630-1638.	0.8	24
105	Plants Pre-Infested With Viruliferous MED/Q Cryptic Species Promotes Subsequent Bemisia tabaci Infestation. Frontiers in Microbiology, 2018, 9, 1404.	1.5	24
106	Transcriptome analyses reveal key genes involved in skin color changes of â€˜Xinlimeiâ€™ radish taproot. Plant Physiology and Biochemistry, 2019, 139, 528-539.	2.8	24
107	Annual analysis of fieldâ€evolved insecticide resistance in <scp><i>Bemisia tabaci</i></scp> across China. Pest Management Science, 2021, 77, 2990-3001.	1.7	24
108	Insight into the Migration Routes of Plutella xylostella in China Using mtCOI and ISSR Markers. PLoS ONE, 2015, 10, e0130905.	1.1	24

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109	Three-Way Interactions Between the Tomato Plant, Tomato Yellow Leaf Curl Virus, and <I>Bemisia tabaci</I> (Hemiptera: Aleyrodidae) Facilitate Virus Spread. Journal of Economic Entomology, 2014, 107, 920-926.	0.8	23
110	Tomato Plant Flavonoids Increase Whitefly Resistance and Reduce Spread of Tomato yellow leaf curl virus. Journal of Economic Entomology, 2019, 112, 2790-2796.	0.8	23
111	MAPK-mediated transcription factor GATAd contributes to Cry1Ac resistance in diamondback moth by reducing PxmALP expression. PLoS Genetics, 2022, 18, e1010037.	1.5	23
112	Effects of host, temperature and relative humidity on competitive displacement of two invasive <i>Bemisia tabaci</i> biotypes [Q and B]. Insect Science, 2012, 19, 595-603.	1.5	22
113	Differences in host selection and performance between B and Q putative species of <i><scp>B</scp>emisia tabaci</i> on three host plants. Entomologia Experimentalis Et Applicata, 2013, 147, 1-8.	0.7	22
114	Effects of sublethal concentrations of bifenthrin on the two-spotted spider mite, Tetranychus urticae (Acari: Tetranychidae). Systematic and Applied Acarology, 2014, 19, 481.	0.5	22
115	Fitness Trade-Off Associated With Spinosad Resistance in Frankliniella occidentalis (Thysanoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	22
116	Double-stranded RNA targeting vATPase B reveals a potential target for pest management of Henosepilachna vigintioctopunctata. Pesticide Biochemistry and Physiology, 2020, 165, 104555.	1.6	22
117	Transcriptome profiling and functional analysis suggest that the constitutive overexpression of four cytochrome P450s confers resistance to abamectin in <i>Tetranychus urticae</i> from China. Pest Management Science, 2021, 77, 1204-1213.	1.7	22
118	Frequencies and mechanisms of pesticide resistance in <i>Tetranychus urticae</i> field populations in China. Insect Science, 2022, 29, 827-839.	1.5	22
119	Identification and Characterization of the Gene CYP340W1 from Plutella xylostella and Its Possible Involvement in Resistance to Abamectin. International Journal of Molecular Sciences, 2016, 17, 274.	1.8	21
120	Defence priming in tomato by the green leaf volatile (<i>Z</i>)â€3â€hexenol reduces whitefly transmission of a plant virus. Plant, Cell and Environment, 2020, 43, 2797-2811.	2.8	21
121	Chromosomeâ€level genome assembly of the greenhouse whitefly (<i>Trialeurodes vaporariorum</i>) Tj ETQq1 1 0.784314 rgBT /Overl	2.2	21
122	Feeding Delivery of dsHvSnf7 Is a Promising Method for Management of the Pest Henosepilachna vigintioctopunctata (Coleoptera: Coccinellidae). Insects, 2020, 11, 34.	1.0	21
123	Oral delivery of ds<i>Hvlwr</i> is a feasible method for managing the pest <i>Henosepilachna vigintioctopunctata</i> (Coleoptera: Coccinellidae). Insect Science, 2021, 28, 509-520.	1.5	21
124	First evidence for thermal tolerance benefits of the bacterial symbiont <i>Cardinium</i> in an invasive whitefly, <scp><i>Bemisia tabaci</i></scp>. Pest Management Science, 2021, 77, 5021-5031.	1.7	21
125	A 36â€bp deletion in the alpha subunit of glutamateâ€gated chloride channel contributes to abamectin resistance in <i>Plutella xylostella</i>. Entomologia Experimentalis Et Applicata, 2014, 153, 85-92.	0.7	20
126	Implication of heat-shock protein 70 and UDP-glucuronosyltransferase in thiamethoxam-induced whitefly Bemisia tabaci thermotolerance. Journal of Pest Science, 2018, 91, 469-478.	1.9	20

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127	Analysis of the antennal transcriptome and odorant-binding protein expression profiles of the parasitoid wasp Encarsia formosa. Genomics, 2020, 112, 2291-2301.	1.3	20
128	The Î±6 nicotinic acetylcholine receptor subunit of Frankliniella occidentalis is not involved in resistance to spinosad. Pesticide Biochemistry and Physiology, 2014, 111, 60-67.	1.6	19
129	Evidence For Rapid Spatiotemporal Changes in Genetic Structure of an Alien Whitefly During Initial Invasion. Scientific Reports, 2015, 4, 4396.	1.6	19
130	Tissue-specific Proteogenomic Analysis of Plutella xylostella Larval Midgut Using a Multialgorithm Pipeline. Molecular and Cellular Proteomics, 2016, 15, 1791-1807.	2.5	19
131	Control of Bradysia odoriphaga (Diptera: Sciaridae) by soil solarization. Crop Protection, 2018, 114, 76-82.	1.0	19
132	Reduced Expression of a Novel Midgut Trypsin Gene Involved in Protoxin Activation Correlates with Cry1Ac Resistance in a Laboratory-Selected Strain of Plutella xylostella (L.). Toxins, 2020, 12, 76.	1.5	19
133	RNA interferenceâ€mediated silencing of <i>vATPase</i> subunits <i>A</i> and <i>E</i> affect survival and development of the 28â€spotted ladybeetle, <i>Henosepilachna vigintioctopunctata</i>. Insect Science, 2021, 28, 1664-1676.	1.5	19
134	Invasion Biology and Management of Sweetpotato Whitefly (Hemiptera: Aleyrodidae) in China. Journal of Integrated Pest Management, 2021, 12, .	0.9	19
135	Gene Expression Profiling in the Thiamethoxam Resistant and Susceptible B-biotype Sweetpotato Whitefly,<i>Bemisia tabaci</i>. Journal of Insect Science, 2012, 12, 1-14.	0.6	18
136	Stage-Specific Expression of Resistance to Different Acaricides in Four Field Populations of <I>Tetranychus urticae</I> (Acari: Tetranychidae). Journal of Economic Entomology, 2014, 107, 1900-1907.	0.8	18
137	Combined QTL-Seq and Traditional Linkage Analysis to Identify Candidate Genes for Purple Skin of Radish Fleshy Taproots. Frontiers in Genetics, 2019, 10, 808.	1.1	18
138	Doubleâ€stranded <scp>RNAs</scp> targeting <i>HvRPS18</i> and <i>HvRPL13</i> reveal potential targets for pest management of the 28â€spotted ladybeetle, <i>Henosepilachna vigintioctopunctata</i>. Pest Management Science, 2020, 76, 2663-2673.	1.7	18
139	Interspecific interactions between Bemisia tabaci (Hem., Aleyrodidae) and Liriomyza sativae (Dipt.,) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	17
140	A bioassay for evaluation of the resistance of Tetranychus urticae (Acari: Tetranychidae) to selected acaricides. Systematic and Applied Acarology, 2015, 20, 579.	0.5	17
141	Virus-Infected Plants Altered the Host Selection of Encarsia formosa, a Parasitoid of Whiteflies. Frontiers in Physiology, 2017, 8, 937.	1.3	17
142	Electrophysiological and behavioral responses of Bradysia odoriphaga (Diptera: Sciaridae) to volatiles from its Host Plant, Chinese Chives (Allium tuberosum Rottler ex Spreng). Journal of Economic Entomology, 2019, 112, 1638-1644.	0.8	17
143	Comprehensive analysis of Cry1Ac protoxin activation mediated by midgut proteases in susceptible and resistant Plutella xylostella (L.). Pesticide Biochemistry and Physiology, 2020, 163, 23-30.	1.6	17
144	Oral <scp>RNAi</scp> toxicity assay suggests <i>clathrin heavy chain</i> as a promising molecular target for controlling the <scp>28</scp>â€spotted potato ladybird, <i>Henosepilachna vigintioctopunctata</i>. Pest Management Science, 2022, 78, 3871-3879.	1.7	17

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