You-jun Zhang

List of Publications by Year in Descending Order

239 papers	7,053 citations	44 h-index	75 g-index
250 ext. papers	8,986 ext. citations	4.5 avg, IF	5.71 L-index

#	Paper	IF	Citations
239	MAPK-mediated transcription factor GATAd contributes to Cry1Ac resistance in diamondback moth by reducing PxmALP expression.. *PLoS Genetics*, **2022**, 18, e1010037	6	4
238	MAP4K4 controlled transcription factor POUM1 regulates PxABCG1 expression influencing Cry1Ac resistance in Plutella xylostella (L.).. *Pesticide Biochemistry and Physiology*, **2022**, 182, 105053	4.9	3
237	A versatile contribution of both aminopeptidases N and ABC transporters to Bt Cry1Ac toxicity in the diamondback moth.. *BMC Biology*, **2022**, 20, 33	7.3	4
236	Susceptibility levels of field populations of Frankliniella occidentalis (Thysanoptera: Thripidae) to seven insecticides in China. *Crop Protection*, **2022**, 153, 105886	2.7	1
235	RNAi suppression of the nuclear receptor FTZ-F1 impaired ecdysis, pupation, and reproduction in the 28-spotted potato ladybeetle, Henosepilachna vigintioctopunctata.. *Pesticide Biochemistry and Physiology*, **2022**, 182, 105029	4.9	0
234	Spinetoram resistance drives interspecific competition between Megalurothrips usitatus and Frankliniella intonsa.. *Pest Management Science*, **2022**,	4.6	3
233	Cytpchrome P450 CYP4G68 Is Associated with Imidacloprid and Thiamethoxam Resistance in Field Whitefly, Bemisia tabaci (Hemiptera: Gennadius). *Agriculture (Switzerland)*, **2022**, 12, 473	3	1
232	Annual analysis of field-evolved insecticide resistance in Bemisia tabaci across China. *Pest Management Science*, **2021**, 77, 2990-3001	4.6	6
231	Genome-Wide Identification and Analysis of Chitinase-Like Gene Family in (Hemiptera: Aleyrodidae). *Insects*, **2021**, 12,	2.8	4
230	Insecticide Resistance Monitoring of the Diamondback Moth (Lepidoptera: Plutellidae) Populations in China. *Journal of Economic Entomology*, **2021**, 114, 1282-1290	2.2	3
229	Whitefly hijacks a plant detoxification gene that neutralizes plant toxins. *Cell*, **2021**, 184, 1693-1705.e17	56.2	37
228	Lethal and Sublethal Effects of Flupyradifurone on Bemisia tabaci MED (Hemiptera: Aleyrodidae) Feeding Behavior and TYLCV Transmission in Tomato. *Journal of Economic Entomology*, **2021**, 114, 1072-1080	2.2	2
227	Molecular and Binding Characteristics of OBP5 of Bradysia odoriphaga (Diptera: Sciaridae). *Journal of Economic Entomology*, **2021**, 114, 1509-1516	2.2	1
226	Epitranscriptomic regulation of insecticide resistance. *Science Advances*, **2021**, 7,	14.3	9
225	MAPK-Activated Transcription Factor PxJun Suppresses Expression and Confers Resistance to Cry1Ac Toxin in (L.). *Applied and Environmental Microbiology*, **2021**, 87, e0046621	4.8	7
224	Sulfoxaflor Alters Bemisia tabaci MED (Hemiptera: Aleyrodidae) Preference, Feeding, and TYLCV Transmission. *Journal of Economic Entomology*, **2021**, 114, 1568-1574	2.2	1
223	A -Acting Mutation in the Promoter Is Associated with Cry1Ac Resistance in (L.). *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5

222	First evidence for thermal tolerance benefits of the bacterial symbiont Cardinium in an invasive whitefly, Bemisia tabaci. *Pest Management Science*, **2021**, 77, 5021-5031	4.6	4
221	Frequencies and mechanisms of pesticide resistance in Tetranychus urticae field populations in China. *Insect Science*, **2021**,	3.6	1
220	Oral delivery of dsHvlwr is a feasible method for managing the pest Henosepilachna vigintioctopunctata (Coleoptera: Coccinellidae). *Insect Science*, **2021**, 28, 509-520	3.6	9
219	Insecticide resistance increases the vector competence: a case study in Frankliniella occidentalis. *Journal of Pest Science*, **2021**, 94, 83-91	5.5	1
218	Transcriptome profiling and functional analysis suggest that the constitutive overexpression of four cytochrome P450s confers resistance to abamectin in Tetranychus urticae from China. *Pest Management Science*, **2021**, 77, 1204-1213	4.6	7
217	Plant flavonoids enhance the tolerance to thiamethoxam and flupyradifurone in whitefly Bemisia tabaci (Hemiptera: Aleyrodidae). *Pesticide Biochemistry and Physiology*, **2021**, 171, 104744	4.9	2
216	RNA interference-mediated silencing of vATPase subunits A and E affect survival and development of the 28-spotted ladybeetle, Henosepilachna vigintioctopunctata. *Insect Science*, **2021**, 28, 1664-1676	3.6	4
215	Invasion Biology and Management of Sweetpotato Whitefly (Hemiptera: Aleyrodidae) in China. *Journal of Integrated Pest Management*, **2021**, 12,	3.7	6
214	Antimicrobial peptides are not involved in Plutella xylostella resistance to Cry1Ac. *Journal of Applied Entomology*, **2021**, 145, 358-368	1.7	
213	OBP2 in the Midlegs of the Male Is Involved in the Perception of the Female-Biased Sex Pheromone 4-Allyl-2,6-dimethoxyphenol. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 126-134	5.7	1
212	Dietary RNAi toxicity assay suggests □and □subunits of HvCOPI as novel molecular targets for Henosepilachna vigintioctopunctata, an emerging coccinellid pest. *Journal of Pest Science*, **2021**, 94, 1473-1486	5.5	3
211	Ca2+ signal contributing to jasmonic acid-induced direct and indirect defense against the whitefly Bemisia tabaci in tomato plants. *Entomologia Experimentalis Et Applicata*, **2021**, 169, 848-858	2.1	0
210	Suppression of Bta11975, an □glucosidase, by RNA interference reduces transmission of tomato chlorosis virus by Bemisia tabaci. *Pest Management Science*, **2021**, 77, 5294-5303	4.6	0
209	The Thermoperiod Alters Boper Gene Expression and Thereby Regulates the Eclosion Rhythm of Bradysia odoriphaga (Diptera: Sciaridae). *Environmental Entomology*, **2021**, 50, 1241-1247	2.1	0
208	The regulation landscape of MAPK signaling cascade for thwarting Bacillus thuringiensis infection in an insect host. *PLoS Pathogens*, **2021**, 17, e1009917	7.6	8
207	Two zinc-finger roteins control the initiation and elongation of long stalk trichomes in tomato. *Journal of Genetics and Genomics*, **2021**,	4	1
206	Knockdown of UGT352A5 decreases the thiamethoxam resistance in Bemisia tabaci (Hemiptera: Gennadius). *International Journal of Biological Macromolecules*, **2021**, 186, 100-108	7.9	7
205	Genome-wide identification and analysis of sulfatase and sulfatase modifying factor genes in Bemisia tabaci (Hemiptera: Aleyrodidae). *Insect Science*, **2021**, 28, 1541-1552	3.6	2

204	Transcriptomic Analysis of Mating Responses in MED Females. *Insects*, **2020**, 11,	2.8	5
203	Tomato Yellow Leaf Curl Virus Infection Alters Bemisia tabaci MED (Hemiptera: Aleyrodidae) Vulnerability to Flupyradifurone. *Journal of Economic Entomology*, **2020**, 113, 1922-1926	2.2	1
202	Direct and indirect plant defenses induced by (Z)-3-hexenol in tomato against whitefly attack. *Journal of Pest Science*, **2020**, 93, 1243-1254	5.5	11
201	MAPK-dependent hormonal signaling plasticity contributes to overcoming Bacillus thuringiensis toxin action in an insect host. *Nature Communications*, **2020**, 11, 3003	17.4	30
200	The Effects of Temperature and Humidity on a Field Population of Bradysia odoriphaga (Diptera: Sciaridae). *Journal of Economic Entomology*, **2020**, 113, 1927-1932	2.2	2
199	Double-stranded RNA targeting vATPase B reveals a potential target for pest management of Henosepilachna vigintioctopunctata. *Pesticide Biochemistry and Physiology*, **2020**, 165, 104555	4.9	8
198	Chromosome-level genome assembly of the greenhouse whitefly (Trialeurodes vaporariorum Westwood). *Molecular Ecology Resources*, **2020**, 20, 995-1006	8.4	5
197	Characteristic and Functional Study of , a Gene Related to Female Fertility in. *Frontiers in Physiology* , **2020**, 11, 55	4.6	0
196	Effects of Non-Lethal High-Temperature Stress on (Diptera: Sciaridae) Larval Development and Offspring. *Insects*, **2020**, 11,	2.8	3
195	A Highly Efficient -Mediated Method for Transient Gene Expression and Functional Studies in Multiple Plant Species. *Plant Communications*, **2020**, 1, 100028	9	33
194	Double-stranded RNAs targeting HvRPS18 and HvRPL13 reveal potential targets for pest management of the 28-spotted ladybeetle, Henosepilachna vigintioctopunctata. *Pest Management Science*, **2020**, 76, 2663-2673	4.6	7
193	Phenolics, rather than glucosinolates, mediate host choice of Bemisia tabaci MEAM1 and MED on five cabbage genotypes. *Journal of Applied Entomology*, **2020**, 144, 287-296	1.7	4
192	Reduced Expression of a Novel Midgut Trypsin Gene Involved in Protoxin Activation Correlates with Cry1Ac Resistance in a Laboratory-Selected Strain of (L.). *Toxins*, **2020**, 12,	4.9	6
191	A non-vector herbivore indirectly increases the transmission of a vector-borne virus by reducing plant chemical defences. *Functional Ecology*, **2020**, 34, 1091-1101	5.6	5
190	Genome-wide identification and analysis of nuclear receptors genes for lethal screening against Bemisia tabaci Q. *Pest Management Science*, **2020**, 76, 2040-2048	4.6	4
189	Tomato spotted wilt orthotospovirus influences the reproduction of its insect vector, western flower thrips, Frankliniella occidentalis, to facilitate transmission. *Pest Management Science*, **2020**, 76, 2406-2414	4.6	8
188	Comparative transcriptome analysis of differentially expressed genes in Bradysia odoriphaga Yang et Zhang (Diptera: Sciaridae) at different acute stress temperatures. *Genomics*, **2020**, 112, 3739-3750	4.3	3
187	Molecular characterization and functional analysis of the Halloween genes and CYP18A1 in Bemisia tabaci MED. *Pesticide Biochemistry and Physiology*, **2020**, 167, 104602	4.9	4

186	Analysis of the antennal transcriptome and odorant-binding protein expression profiles of the parasitoid wasp Encarsia formosa. *Genomics*, **2020**, 112, 2291-2301	4.3	7
185	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	4.9	9
184	Feeding behavior explains the different effects of cabbage on MEAM1 and MED cryptic species of Bemisia tabaci. *Insect Science*, **2020**, 27, 1276-1284	3.6	7
183	Assessing Pesticide Residue and Spray Deposition in Greenhouse Eggplant Canopies to Improve Residue Analysis. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 11920-11927	5.7	0
182	Genome-Wide Identification and Expression Analysis of Udp-Glucuronosyltransferases in the Whitefly Bemisia Tabaci (Gennadius) (HemipterA: Aleyrodidae). *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
181	A Chemosensory Protein Mediates Reproduction in. *Frontiers in Physiology*, **2020**, 11, 709	4.6	1
180	Defence priming in tomato by the green leaf volatile (Z)-3-hexenol reduces whitefly transmission of a plant virus. *Plant, Cell and Environment*, **2020**, 43, 2797-2811	8.4	6
179	Molecular characterization of an NADPH cytochrome P450 reductase from Bemisia tabaci Q: Potential involvement in susceptibility to imidacloprid. *Pesticide Biochemistry and Physiology*, **2020**, 162, 29-35	4.9	3
178	Reduced expression of the P-glycoprotein gene PxABCB1 is linked to resistance to Bacillus thuringiensis Cry1Ac toxin in Plutella xylostella (L.). *Pest Management Science*, **2020**, 76, 712-720	4.6	21
177	MAPK-directed activation of the whitefly transcription factor leads to P450-mediated imidacloprid resistance. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10246-10253	11.5	52
176	Two Deoxythymidine Triphosphate Synthesis-Related Genes Regulate Obligate Symbiont Density and Reproduction in the Whitefly MED. *Frontiers in Physiology*, **2020**, 11, 574749	4.6	1
175	Combined QTL-Seq and Traditional Linkage Analysis to Identify Candidate Genes for Purple Skin of Radish Fleshy Taproots. *Frontiers in Genetics*, **2019**, 10, 808	4.5	7
174	Transcriptome Analysis Reveals Abundant Gonad-specific Genes in the Ovary and Testis of. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
173	The Combined Effect of Elevated O3 Levels and TYLCV Infection Increases the Fitness of Bemisia tabaci Mediterranean on Tomato Plants. *Environmental Entomology*, **2019**, 48, 1425-1433	2.1	9
172	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	4.5	51
171	Effect of Sex and Air Temperature on the Flight Capacity of Bradysia odoriphaga (Diptera: Sciaridae). *Journal of Economic Entomology*, **2019**, 112, 2161-2166	2.2	2
170	A high-density genetic map and QTL mapping of leaf traits and glucosinolates in Barbarea vulgaris. *BMC Genomics*, **2019**, 20, 371	4.5	3
169	Amino Acid Utilization May Explain Why Q and B Differ in Their Performance on Plants Infected by the. *Frontiers in Physiology*, **2019**, 10, 489	4.6	9

168	Genome-wide identification and analysis of genes associated with RNA interference in Bemisia tabaci. *Pest Management Science*, **2019**, 75, 3005-3014	4.6	5
167	A whitefly effector Bsp9 targets host immunity regulator WRKY33 to promote performance. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2019**, 374, 20180313	5.8	22
166	A salivary ferritin in the whitefly suppresses plant defenses and facilitates host exploitation. *Journal of Experimental Botany*, **2019**, 70, 3343-3355	7	24
165	Transcriptome analyses reveal key genes involved in skin color changes of R Xinlimei R radish taproot. *Plant Physiology and Biochemistry*, **2019**, 139, 528-539	5.4	11
164	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	2.2	5
163	Genome-wide dissection of sex determination genes in the highly invasive whitefly species Bemisia tabaci Q/MED. *Insect Molecular Biology*, **2019**, 28, 509-519	3.4	2
162	Feeding Delivery of dsHvSnf7 Is a Promising Method for Management of the Pest (Coleoptera: Coccinellidae). *Insects*, **2019**, 11,	2.8	10
161	Development and Fitness of the Parasitoid, Encarsia formosa (Hymenoptera: Aphelinidae), on the B and Q of the Sweetpotato Whitefly (Hemiptera: Aleyrodidae). *Journal of Economic Entomology*, **2019**, 112, 2597-2603	2.2	3
160	Tomato Plant Flavonoids Increase Whitefly Resistance and Reduce Spread of Tomato yellow leaf curl virus. *Journal of Economic Entomology*, **2019**, 112, 2790-2796	2.2	10
159	Characterization of immune-related PGRP gene expression and phenoloxidase activity in Cry1Ac-susceptible and -resistant Plutella xylostella (L.). *Pesticide Biochemistry and Physiology*, **2019**, 160, 79-86	4.9	7
158	Genome-Wide Analysis of Carboxylesterases (COEs) in the Whitefly, (Gennadius). *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
157	Variation in both host defense and prior herbivory can alter plant-vector-virus interactions. *BMC Plant Biology*, **2019**, 19, 556	5.3	6
156	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	4.9	23
155	Genome-wide analysis of odorant-binding proteins and chemosensory proteins in the sweet potato whitefly, Bemisia tabaci. *Insect Science*, **2019**, 26, 620-634	3.6	26
154	Identification and characterization of doublesex in Bemisia tabaci. *Insect Molecular Biology*, **2018**, 27, 620-632	3.4	13
153	Whitefly aggregation on tomato is mediated by feeding-induced changes in plant metabolites that influence the behaviour and performance of conspecifics. *Functional Ecology*, **2018**, 32, 1180-1193	5.6	22
152	Population dynamics of the diamondback moth, Plutella xylostella (L.), in northern China: the effects of migration, cropping patterns and climate. *Pest Management Science*, **2018**, 74, 1845-1853	4.6	10
151	Infection of tomato by Tomato Yellow Leaf Curl Virus alters the foraging behavior and parasitism of the parasitoid Encarsia formosa on Bemisia tabaci. *Journal of Asia-Pacific Entomology*, **2018**, 21, 548-552	1.4	5

150	Implication of heat-shock protein 70 and UDP-glucuronosyltransferase in thiamethoxam-induced whitefly Bemisia tabaci thermotolerance. *Journal of Pest Science*, **2018**, 91, 469-478	5.5	13
149	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	4.9	28
148	Plants Pre-Infested With Viruliferous MED/Q Cryptic Species Promotes Subsequent Infestation. *Frontiers in Microbiology*, **2018**, 9, 1404	5.7	11
147	The invasive MED/Q Bemisia tabaci genome: a tale of gene loss and gene gain. *BMC Genomics*, **2018**, 19, 68	4.5	21
146	Control of Bradysia odoriphaga (Diptera: Sciaridae) by soil solarization. *Crop Protection*, **2018**, 114, 76-82	2.7	12
145	Lack of correlation between host choice and feeding efficiency for the B and Q putative species of Bemisia tabaci on four pepper genotypes. *Journal of Pest Science*, **2018**, 91, 133-143	5.5	10
144	Identification of glutathione S-transferases in Bemisia tabaci (Hemiptera: Aleyrodidae) and evidence that GSTd7 helps explain the difference in insecticide susceptibility between B. tabaci Middle East-Minor Asia 1 and Mediterranean. *Insect Molecular Biology*, **2018**, 27, 22-35	3.4	31
143	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	4.6	44
142	Insect Transcription Factors: A Landscape of Their Structures and Biological Functions in and beyond. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	16
141	Persistently Transmitted Viruses Restrict the Transmission of Other Viruses by Affecting Their Vectors. *Frontiers in Physiology*, **2018**, 9, 1261	4.6	6
140	Focα, 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	4.5	21
139	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	4.9	15
138	Fitness Trade-Off Associated With Spinosad Resistance in Frankliniella occidentalis (Thysanoptera: Thripidae). *Journal of Economic Entomology*, **2017**, 110, 1755-1763	2.2	15
137	Field resistance monitoring of the immature stages of the whitefly Bemisia tabaci to spirotetramat in China. *Crop Protection*, **2017**, 98, 243-247	2.7	20
136	Plant defence negates pathogen manipulation of vector behaviour. *Functional Ecology*, **2017**, 31, 1574-1581	5.1	7
135	Genome sequencing of the sweetpotato whitefly Bemisia tabaci MED/Q. *GigaScience*, **2017**, 6, 1-7	7.6	60
134	Resistance Monitoring for Eight Insecticides on the Sweetpotato Whitefly (Hemiptera: Aleyrodidae) in China. *Journal of Economic Entomology*, **2017**, 110, 660-666	2.2	26
133	Dynamic monitoring (B versus Q) and further resistance status of Q-type Bemisia tabaci in China. *Crop Protection*, **2017**, 94, 115-122	2.7	42

132	Detection and epidemic dynamic of ToCV and CCYV with Bemisia tabaci and weed in Hainan of China. *Virology Journal*, **2017**, 14, 169	6.1	6
131	Genome-wide Identification and Expression Analysis of Amino Acid Transporters in the Whitefly, (Gennadius). *International Journal of Biological Sciences*, **2017**, 13, 735-747	11.2	8
130	Transmission Efficiency, Preference and Behavior of MEAM1 and MED under the Influence of Tomato Chlorosis Virus. *Frontiers in Plant Science*, **2017**, 8, 2271	6.2	40
129	Population genetics of an alien whitefly in China: implications for its dispersal and invasion success. *Scientific Reports*, **2017**, 7, 2228	4.9	9
128	The ability to manipulate plant glucosinolates and nutrients explains the better performance of Middle East-Asia Minor 1 than Mediterranean on cabbage plants. *Ecology and Evolution*, **2017**, 7, 6141-6150	2.8	11
127	Effects of Heat Shock on the Bradysia odoriphaga (Diptera: Sciaridae). *Journal of Economic Entomology*, **2017**, 110, 1630-1638	2.2	17
126	Control of Bradysia odoriphaga (Diptera: Sciaridae) With Allyl Isothiocyanate Under Field and Greenhouse Conditions. *Journal of Economic Entomology*, **2017**, 110, 1127-1132	2.2	8
125	Genome-wide analysis of ATP-binding cassette (ABC) transporters in the sweetpotato whitefly, Bemisia tabaci. *BMC Genomics*, **2017**, 18, 330	4.5	42
124	Different effects of exogenous jasmonic acid on preference and performance of viruliferous Bemisia tabaci B and Q. *Entomologia Experimentalis Et Applicata*, **2017**, 165, 148-158	2.1	6
123	Development of Near-Isogenic Lines in a Parthenogenetically Reproduced Thrips Species,. *Frontiers in Physiology*, **2017**, 8, 130	4.6	7
122	Odor, Not Performance, Dictates ℞ Selection between Healthy and Virus Infected Plants. *Frontiers in Physiology*, **2017**, 8, 146	4.6	19
121	Genome-Wide Characterization and Expression Profiling of Sugar Transporter Family in the Whitefly, (Gennadius) (Hemiptera: Aleyrodidae). *Frontiers in Physiology*, **2017**, 8, 322	4.6	8
120	Progress and Prospects of CRISPR/Cas Systems in Insects and Other Arthropods. *Frontiers in Physiology*, **2017**, 8, 608	4.6	82
119	Virus-Infected Plants Altered the Host Selection of , a Parasitoid of Whiteflies. *Frontiers in Physiology*, **2017**, 8, 937	4.6	10
118	Effect of Spinosad Resistance on Transmission of Tomato Spotted Wilt Virus by the Western Flower Thrips (Thysanoptera: Thripidae). *Journal of Economic Entomology*, **2016**, 109, 62-9	2.2	7
117	Lack of fitness costs and inheritance of resistance to Bacillus thuringiensis Cry1Ac toxin in a near-isogenic strain of Plutella xylostella (Lepidoptera: Plutellidae). *Pest Management Science*, **2016** , 72, 289-97	4.6	23
116	Proteomics-based identification of midgut proteins correlated with Cry1Ac resistance in Plutella xylostella (L.). *Pesticide Biochemistry and Physiology*, **2016**, 132, 108-17	4.9	20
115	Molecular cloning of the sex-related gene PSI in Bemisia tabaci and its alternative splicing properties. *Gene*, **2016**, 580, 104-110	3.8	4

114	Tissue-specific Proteogenomic Analysis of Plutella xylostella Larval Midgut Using a Multialgorithm Pipeline. *Molecular and Cellular Proteomics*, **2016**, 15, 1791-807	7.6	12
113	Effects of Host Plant Factors on the Bacterial Communities Associated with Two Whitefly Sibling Species. *PLoS ONE*, **2016**, 11, e0152183	3.7	12
112	The suitability of biotypes Q and B of Bemisia tabaci (Gennadius) (Hemiptera: Aleyrodidae) at different nymphal instars as hosts for Encarsia formosa Gahan (Hymenoptera: Aphelinidae). *PeerJ*, **2016**, 4, e1863	3.1	13
111	The Salicylic Acid-Mediated Release of Plant Volatiles Affects the Host Choice of Bemisia tabaci. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	20
110	Elevated O□and TYLCV Infection Reduce the Suitability of Tomato as a Host for the Whitefly Bemisia tabaci. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	7
109	Analysis of persistent changes to □aminobutyric acid receptor gene expression in Plutella xylostella subjected to sublethal amounts of spinosad. *Genetics and Molecular Research*, **2016**, 15,	1.2	3
108	Evaluation of Housekeeping Genes for Quantitative Real-Time PCR Analysis of Bradysia odoriphaga (Diptera: Sciaridae). *International Journal of Molecular Sciences*, **2016**, 17,	6.3	43
107	Natal Host Plants Can Alter Herbivore Competition. *PLoS ONE*, **2016**, 11, e0169142	3.7	6
106	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	6.3	17
105	Tomato yellow leaf curl virus differentially influences plant defence responses to a vector and a non-vector herbivore. *Plant, Cell and Environment*, **2016**, 39, 597-607	8.4	39
104	Differing Behavioural Responses of Bemisia tabaci MEAM1 and MED to Cabbage Damaged by Conspecifics and Heterospecifics. *Scientific Reports*, **2016**, 6, 35095	4.9	2
103	Sublethal effects of spinetoram on the two-spotted spider mite, Tetranychus urticae (Acari: Tetranychidae). *Pesticide Biochemistry and Physiology*, **2016**, 132, 102-7	4.9	33
102	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	4.9	56
101	Development of Bradysia odoriphaga (Diptera: Sciaridae) as affected by humidity: an age□stage, two-sex, life-table study. *Applied Entomology and Zoology*, **2015**, 50, 3-10	1.5	34
100	Transmission of Tomato Yellow Leaf Curl Virus by Bemisia tabaci as Affected by Whitefly Sex and Biotype. *Scientific Reports*, **2015**, 5, 10744	4.9	53
99	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	6	138
98	Insecticides promote viral outbreaks by altering herbivore competition **2015**, 25, 1585-95		52
97	The novel ABC transporter ABCH1 is a potential target for RNAi-based insect pest control and resistance management. *Scientific Reports*, **2015**, 5, 13728	4.9	49

96	A bioassay for evaluation of the resistance of Tetranychus urticae (Acari: Tetranychidae) to selected acaricides. *Systematic and Applied Acarology*, **2015**, 20, 579	0.8	11
95	Construction and characterisation of near-isogenic Plutella xylostella (Lepidoptera: Plutellidae) strains resistant to Cry1Ac toxin. *Pest Management Science*, **2015**, 71, 225-33	4.6	29
94	Flow cytometry and K-mer analysis estimates of the genome sizes of Bemisia tabaci B and Q (Hemiptera: Aleyrodidae). *Frontiers in Physiology*, **2015**, 6, 144	4.6	24
93	Manipulation of Host Quality and Defense by a Plant Virus Improves Performance of Whitefly Vectors. *Journal of Economic Entomology*, **2015**, 108, 11-9	2.2	46
92	Demonstration of an adaptive response to preconditioning Frankliniella occidentalis (Pergande) to sublethal doses of spinosad: a hormetic-dose response. *Ecotoxicology*, **2015**, 24, 1141-51	2.9	12
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90	Effects of Temperature on the Age-Stage, Two-Sex Life Table of Bradysia odoriphaga (Diptera: Sciaridae). *Journal of Economic Entomology*, **2015**, 108, 126-34	2.2	46
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