

# Jin Jun Wang

## List of Publications by Citations

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262  
papers

3,842  
citations

29  
h-index

43  
g-index

270  
ext. papers

5,074  
ext. citations

3.5  
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5.63  
L-index

#	Paper	IF	Citations
262	Evaluation of endogenous references for gene expression profiling in different tissues of the oriental fruit fly <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>BMC Molecular Biology</i> , <b>2010</b> , 11, 76	4.5	139
261	Transcriptome analysis of the oriental fruit fly ( <i>Bactrocera dorsalis</i> ). <i>PLoS ONE</i> , <b>2011</b> , 6, e29127	3.7	113
260	Antioxidant responses of citrus red mite, <i>Panonychus citri</i> (McGregor) (Acari: Tetranychidae), exposed to thermal stress. <i>Journal of Insect Physiology</i> , <b>2010</b> , 56, 1871-6	2.4	77
259	Analysis of transcriptome differences between resistant and susceptible strains of the citrus red mite <i>Panonychus citri</i> (Acari: Tetranychidae). <i>PLoS ONE</i> , <b>2011</b> , 6, e28516	3.7	62
258	Toxicities and synergistic effects of several insecticides against the oriental fruit fly (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , <b>2013</b> , 106, 970-8	2.2	60
257	Identification, mRNA expression, and functional analysis of chitin synthase 1 gene and its two alternative splicing variants in oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>International Journal of Biological Sciences</i> , <b>2013</b> , 9, 331-42	11.2	56
256	The complete mitochondrial genome of the citrus red mite <i>Panonychus citri</i> (Acari: Tetranychidae): high genome rearrangement and extremely truncated tRNAs. <i>BMC Genomics</i> , <b>2010</b> , 11, 597	4.5	56
255	Biology and management of psocids infesting stored products. <i>Annual Review of Entomology</i> , <b>2014</b> , 59, 279-97	21.8	54
254	The multipartite mitochondrial genome of <i>Liposcelis bostrychophila</i> : insights into the evolution of mitochondrial genomes in bilateral animals. <i>PLoS ONE</i> , <b>2012</b> , 7, e33973	3.7	54
253	Effects of Thermal Stress on Lipid Peroxidation and Antioxidant Enzyme Activities of Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2011</b> , 94, 956-963	1	53
252	Validation of endogenous reference genes for insecticide-induced and developmental expression profiling of <i>Liposcelis bostrychophila</i> (Psocoptera: Liposcelididae). <i>Molecular Biology Reports</i> , <b>2010</b> , 37, 1019-29	2.8	50
251	Induced tolerance of the psocid, <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae), to controlled atmosphere. <i>International Journal of Pest Management</i> , <b>1999</b> , 45, 75-79	1.5	46
250	Evaluation of suitable reference genes for quantitative RT-PCR during development and abiotic stress in <i>Panonychus citri</i> (McGregor) (Acari: Tetranychidae). <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 5841-9	2.8	45
249	Development and Reproduction of the Psocid <i>Liposcelis bostrychophila</i> (Psocoptera: Liposcelididae) as a Function of Temperature. <i>Annals of the Entomological Society of America</i> , <b>2000</b> , 93, 261-270	2	45
248	Multiple glutathione S-transferase genes: identification and expression in oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>Pest Management Science</i> , <b>2014</b> , 70, 295-303	4.6	43
247	In silico cloning and annotation of genes involved in the digestion, detoxification and RNA interference mechanism in the midgut of <i>Bactrocera dorsalis</i> [Hendel (Diptera: Tephritidae)]. <i>Insect Molecular Biology</i> , <b>2013</b> , 22, 354-65	3.4	43
246	Beyond insects: current status and achievements of RNA interference in mite pests and future perspectives. <i>Pest Management Science</i> , <b>2018</b> , 74, 2680-2687	4.6	41

245	Overexpression of two Esterase genes mediates metabolic resistance to malathion in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Insect Molecular Biology</i> , <b>2015</b> , 24, 467-79	3.4	39
244	Identification of Male- and Female-Specific Olfaction Genes in Antennae of the Oriental Fruit Fly ( <i>Bactrocera dorsalis</i> ). <i>PLoS ONE</i> , <b>2016</b> , 11, e0147783	3.7	37
243	Transcriptome profiling of the testis reveals genes involved in spermatogenesis and marker discovery in the oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>Insect Molecular Biology</i> , <b>2015</b> , 24, 41-57	3.4	36
242	The Essential Role of Vitellogenin Receptor in Ovary Development and Vitellogenin Uptake in <i>Bactrocera dorsalis</i> (Hendel). <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 18368-83	6.3	36
241	The effect of the insecticide dichlorvos on esterase activity extracted from the psocids, <i>Liposcelis bostrychophila</i> and <i>L. entomophila</i> . <i>Journal of Insect Science</i> , <b>2004</b> , 4, 1-5		32
240	Topical dsRNA delivery induces gene silencing and mortality in the pea aphid. <i>Pest Management Science</i> , <b>2019</b> , 75, 2873-2881	4.6	31
239	Involvement of and in JH-Mediated Reproduction of Female (Hendel). <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 482	4.6	31
238	Rethink RNAi in Insect Pest Control: Challenges and Perspectives. <i>Advances in Insect Physiology</i> , <b>2018</b> , 1-17	2.5	31
237	De novo assembly, gene annotation, and marker discovery in stored-product pest <i>Liposcelis entomophila</i> (Enderlein) using transcriptome sequences. <i>PLoS ONE</i> , <b>2013</b> , 8, e80046	3.7	30
236	Effect of nitrogen fertilization of corn on the development, survivorship, fecundity and body weight of <i>Peregrinus maidis</i> (Hom., Delphacidae). <i>Journal of Applied Entomology</i> , <b>2006</b> , 130, 20-25	1.7	30
235	Induction of RNAi Core Machinery & Gene Expression by Exogenous dsRNA and the Effects of Pre-exposure to dsRNA on the Gene Silencing Efficiency in the Pea Aphid (). <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1906	4.6	29
234	Reference Gene Validation for Quantitative PCR Under Various Biotic and Abiotic Stress Conditions in <i>Toxoptera citricida</i> (Hemiptera, Aphidiae). <i>Journal of Economic Entomology</i> , <b>2015</b> , 108, 2040-7	2.2	29
233	Adsorption and desorption of herbicide monosulfuron-ester in Chinese soils. <i>Journal of Environmental Sciences</i> , <b>2011</b> , 23, 1524-32	6.4	29
232	Vitellogenin and its receptor play essential roles in the development and reproduction of the brown citrus aphid, <i>Aphis</i> ( <i>Toxoptera</i> ) <i>citricidus</i> . <i>Insect Molecular Biology</i> , <b>2018</b> , 27, 221-233	3.4	28
231	Effects of thermal stress on lipid peroxidation and antioxidant enzyme activities of the predatory mite, <i>Neoseiulus cucumeris</i> (Acari: Phytoseiidae). <i>Experimental and Applied Acarology</i> , <b>2014</b> , 64, 73-85	2.1	28
230	Multiple P450 genes: Identification, tissue-specific expression and their responses to insecticide treatments in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Pesticide Biochemistry and Physiology</i> , <b>2013</b> , 106, 1-7	4.9	28
229	Characterization and functional analysis of a novel glutathione S-transferase gene potentially associated with the abamectin resistance in <i>Panonychus citri</i> (McGregor). <i>Pesticide Biochemistry and Physiology</i> , <b>2016</b> , 132, 72-80	4.9	28
228	Female remating inhibition and fitness of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) associated with male accessory glands. <i>Florida Entomologist</i> , <b>2015</b> , 98, 52-58	1	26

227	Transcription profiling of two cytochrome P450 genes potentially involved in acaricide metabolism in citrus red mite <i>Panonychus citri</i> . <i>Pesticide Biochemistry and Physiology</i> , <b>2013</b> , 106, 28-37	4.9	26
226	De novo cloning and annotation of genes associated with immunity, detoxification and energy metabolism from the fat body of the oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e94470	3.7	26
225	Identification, characterization and functional analysis of a chitin synthase gene in the brown citrus aphid, <i>Toxoptera citricida</i> (Hemiptera, Aphididae). <i>Insect Molecular Biology</i> , <b>2016</b> , 25, 422-30	3.4	26
224	Functional characterization of an Esterase gene involving malathion detoxification in <i>Bactrocera dorsalis</i> (Hendel). <i>Pesticide Biochemistry and Physiology</i> , <b>2016</b> , 130, 44-51	4.9	25
223	Biological control of arthropod pests in citrus orchards in China. <i>Biological Control</i> , <b>2014</b> , 68, 15-22	3.8	25
222	Morphological Characterization and Distribution of Antennal Sensilla of Six Fruit Flies (Diptera: Tephritidae). <i>Annals of the Entomological Society of America</i> , <b>2010</b> , 103, 661-670	2	25
221	Development and functional response of <i>Coelophora inaequalis</i> (Coleoptera: Coccinellidae) feeding on brown citrus aphid, <i>Toxoptera citricida</i> (Homoptera: Aphididae). <i>Agricultural and Forest Entomology</i> , <b>2001</b> , 3, 65-69	1.9	25
220	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> , <b>2012</b> , 21, 422-36	3.4	24
219	Adipokinetic hormone receptor gene identification and its role in triacylglycerol mobilization and sexual behavior in the oriental fruit fly ( <i>Bactrocera dorsalis</i> ). <i>Insect Biochemistry and Molecular Biology</i> , <b>2017</b> , 90, 1-13	4.5	24
218	Functional characterization of NADPH-cytochrome P450 reductase from <i>Bactrocera dorsalis</i> : Possible involvement in susceptibility to malathion. <i>Scientific Reports</i> , <b>2015</b> , 5, 18394	4.9	24
217	Accumulation and utilization of triacylglycerol and polysaccharides in <i>Liposcelis bostrychophila</i> (Psocoptera, Liposcelididae) selected for resistance to carbon dioxide. <i>Journal of Applied Entomology</i> , <b>2003</b> , 127, 107-111	1.7	24
216	Effects of RNAi-based silencing of chitin synthase gene on moulting and fecundity in pea aphids ( <i>Acyrtosiphon pisum</i> ). <i>Scientific Reports</i> , <b>2019</b> , 9, 3694	4.9	23
215	Biodegradation of nitrobenzene in a lysogeny broth medium by a novel halophilic bacterium <i>Bacillus licheniformis</i> . <i>Marine Pollution Bulletin</i> , <b>2014</b> , 89, 384-389	6.7	23
214	Susceptibility and Activity of GlutathioneS-Transferases in Nine Field Populations of <i>Panonychus citri</i> (Acari: Tetranychidae) to Pyridaben and Azocyclotin. <i>Florida Entomologist</i> , <b>2011</b> , 94, 321-329	1	23
213	Susceptibility and carboxylesterase activity of five field populations of <i>Panonychus citri</i> (McGregor) (Acari: Tetranychidae) to four acaricides. <i>International Journal of Acarology</i> , <b>2009</b> , 35, 115-121	0.6	23
212	Toxicological and biochemical characterizations of GSTs in <i>Liposcelis bostrychophila</i> Badonnel (Psocop., Liposcelididae). <i>Journal of Applied Entomology</i> , <b>2006</b> , 130, 251-256	1.7	23
211	Evaluation of a cuticle protein gene as a potential RNAi target in aphids. <i>Pest Management Science</i> , <b>2020</b> , 76, 134-140	4.6	23
210	The miR-9b microRNA mediates dimorphism and development of wing in aphids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 8404-8409	11.5	22

209	Differential expression of genes in the alate and apterous morphs of the brown citrus aphid, <i>Toxoptera citricida</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 32099	4.9	22
208	Biochemical and molecular characterisation of acetylcholinesterase in four field populations of <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Pest Management Science</i> , <b>2012</b> , 68, 1553-63	4.6	22
207	Involvement of superoxide dismutase in oxidative stress in the oriental fruit fly, <i>Bactrocera dorsalis</i> : molecular cloning and expression profiles. <i>Pest Management Science</i> , <b>2013</b> , 69, 1315-25	4.6	22
206	Effects of simulated acid rain on the physiology of carmine spider mite, <i>Tetranychus cinnabarinus</i> (Boisduvals) (Acari: Tetranychidae). <i>Journal of Applied Entomology</i> , <b>2004</b> , 128, 342-347	1.7	22
205	Two Chitin Biosynthesis Pathway Genes in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae): Molecular Characteristics, Expression Patterns, and Roles in Larval-Pupal Transition. <i>Journal of Economic Entomology</i> , <b>2015</b> , 108, 2433-42	2.2	21
204	Silencing of Two Insulin Receptor Genes Disrupts Nymph-Adult Transition of Alate Brown Citrus Aphid. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	21
203	Characterization and expression patterns of key ecdysteroid biosynthesis and signaling genes in a spider mite ( <i>Panonychus citri</i> ). <i>Insect Biochemistry and Molecular Biology</i> , <b>2017</b> , 87, 136-146	4.5	20
202	Ecdysis Triggering Hormone Signaling (ETH/ETHR-A) Is Required for the Larva-Larva Ecdysis in (Diptera: Tephritidae). <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 587	4.6	20
201	De novo characterization of the <i>Dialeurodes citri</i> transcriptome: mining genes involved in stress resistance and simple sequence repeats (SSRs) discovery. <i>Insect Molecular Biology</i> , <b>2014</b> , 23, 52-66	3.4	20
200	Identification and characterization of seven glutathione S-transferase genes from citrus red mite, <i>Panonychus citri</i> (McGregor). <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 24255-70	6.3	20
199	Development, survival, and reproduction of the psocid <i>Liposcelis paeta</i> (Psocoptera: Liposcelididae) as a function of temperature. <i>Journal of Economic Entomology</i> , <b>2009</b> , 102, 1705-13	2.2	20
198	Molecular Characterization of the cDNA Encoding Ecdysone Receptor Isoform B1 and Its Expression in the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2012</b> , 95, 650-658	1	20
197	Molecular characterization of two novel deltamethrin-inducible P450 genes from <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2010</b> , 74, 17-37	2.3	20
196	Transcriptome analysis to identify genes for peptides and proteins involved in immunity and reproduction from male accessory glands and ejaculatory duct of <i>Bactrocera dorsalis</i> . <i>Peptides</i> , <b>2016</b> , 80, 48-60	3.8	19
195	The effect of dietary restriction on longevity, fecundity, and antioxidant responses in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Journal of Insect Physiology</i> , <b>2013</b> , 59, 1008-1014	2.4	19
194	Exposure to diflubenzuron results in an up-regulation of a chitin synthase 1 gene in citrus red mite, <i>Panonychus citri</i> (Acari: Tetranychidae). <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 3711-28	6.3	19
193	Transcriptional regulation of a chitinase gene by 20-hydroxyecdysone and starvation in the oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 20048-63	6.3	19
192	Sequence analysis of the ribosomal internal transcribed spacers region in psocids (Psocoptera: Liposcelididae) for phylogenetic inference and species discrimination. <i>Journal of Economic Entomology</i> , <b>2011</b> , 104, 1720-9	2.2	19

191	Purification and partial characterization of glutathione S-transferase from insecticide-resistant field populations of <i>Liposcelis paeta</i> Pearman (Psocoptera: Liposcelididae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2009</b> , 70, 136-50	2.3	19
190	The short neuropeptide F modulates olfactory sensitivity of <i>Bactrocera dorsalis</i> upon starvation. <i>Journal of Insect Physiology</i> , <b>2017</b> , 99, 78-85	2.4	18
189	Comparative proteomic analysis of <i>Bactrocera dorsalis</i> (Hendel) in response to thermal stress. <i>Journal of Insect Physiology</i> , <b>2015</b> , 74, 16-24	2.4	18
188	Evolution of multipartite mitochondrial genomes in the booklice of the genus <i>Liposcelis</i> (Psocoptera). <i>BMC Genomics</i> , <b>2014</b> , 15, 861	4.5	18
187	Influence of exposure to imidacloprid on survivorship, reproduction and vitellin content of the carmine spider mite, <i>Tetranychus cinnabarinus</i> . <i>Journal of Insect Science</i> , <b>2010</b> , 10, 20	2	18
186	Toxicological and biochemical characterizations of AChE in <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae). <i>Pesticide Biochemistry and Physiology</i> , <b>2007</b> , 88, 197-202	4.9	18
185	Alternative splicing contributes to the coordinated regulation of ferritin subunit levels in <i>Bactrocera dorsalis</i> (Hendel). <i>Scientific Reports</i> , <b>2014</b> , 4, 4806	4.9	17
184	The epsilon glutathione S-transferases contribute to the malathion resistance in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 180, 40-8	3.2	17
183	Molecular characterization of three heat shock protein 70 genes and their expression profiles under thermal stress in the citrus red mite. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 3585-96	2.8	17
182	A Role of Corazonin Receptor in Larval-Pupal Transition and Pupariation in the Oriental Fruit Fly (Hendel) (Diptera: Tephritidae). <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 77	4.6	17
181	Effects of removal of <i>Cardinium</i> infection on fitness of the stored-product pest <i>Liposcelis bostrychophila</i> (Psocoptera: Liposcelididae). <i>Journal of Economic Entomology</i> , <b>2008</b> , 101, 1711-7	2.2	17
180	Two delta class glutathione S-transferases involved in the detoxification of malathion in <i>Bactrocera dorsalis</i> (Hendel). <i>Pest Management Science</i> , <b>2019</b> , 75, 1527-1538	4.6	17
179	Inheritance, Realized Heritability, and Biochemical Mechanisms of Malathion Resistance in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , <b>2016</b> , 109, 299-306	2.2	16
178	Identification and expression profiles of fifteen delta-class glutathione S-transferase genes from a stored-product pest, <i>Liposcelis entomophila</i> (Enderlein) (Psocoptera: Liposcelididae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2017</b> , 206, 35-41	2.3	16
177	Critical roles of CTP synthase N-terminal in cytoophidium assembly. <i>Experimental Cell Research</i> , <b>2017</b> , 354, 122-133	4.2	16
176	Molecular characterization of vitellogenin and its receptor genes from citrus red mite, <i>Panonychus citri</i> (McGregor). <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 4759-73	6.3	16
175	Insulin signaling pathway in the oriental fruit fly: The role of insulin receptor substrate in ovarian development. <i>General and Comparative Endocrinology</i> , <b>2015</b> , 216, 125-33	3	16
174	Tyrosine hydroxylase coordinates larval-pupal tanning and immunity in oriental fruit fly ( <i>Bactrocera dorsalis</i> ). <i>Pest Management Science</i> , <b>2018</b> , 74, 569-578	4.6	16

173	Deep sequencing of small RNA libraries reveals dynamic expression patterns of microRNAs in multiple developmental stages of <i>Bactrocera dorsalis</i> . <i>Insect Molecular Biology</i> , <b>2014</b> , 23, 656-67	3.4	16
172	The mitochondrial genome of booklouse, <i>Liposcelis sculptilis</i> (Psocoptera: Liposcelididae) and the evolutionary timescale of <i>Liposcelis</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 30660	4.9	16
171	Functional analysis of a chitinase gene during the larval-nymph transition in <i>Panonychus citri</i> by RNA interference. <i>Experimental and Applied Acarology</i> , <b>2016</b> , 70, 1-15	2.1	16
170	Phenoloxidase and its zymogen are required for the larval-pupal transition in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Journal of Insect Physiology</i> , <b>2014</b> , 71, 137-46	2.4	15
169	Molecular cloning, characterization and mRNA expression of a chitin synthase 2 gene from the oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 17055-72	6.3	15
168	Cloning and characterization of acetylcholinesterase 1 genes from insecticide-resistant field populations of <i>Liposcelis paeta</i> Pearman (Psocoptera: Liposcelididae). <i>Insect Biochemistry and Molecular Biology</i> , <b>2010</b> , 40, 415-24	4.5	15
167	Inhibition kinetics on carboxylesterase and acetylcholinesterase of <i>Liposcelis bostrychophila</i> and <i>Liposcelis entomophila</i> (Psocop., Liposcelididae) of two insecticides. <i>Journal of Applied Entomology</i> , <b>2004</b> , 128, 292-297	1.7	15
166	Mining genes involved in insecticide resistance of <i>Liposcelis bostrychophila</i> Badonnel by transcriptome and expression profile analysis. <i>PLoS ONE</i> , <b>2013</b> , 8, e79878	3.7	15
165	Role of a tachykinin-related peptide and its receptor in modulating the olfactory sensitivity in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Insect Biochemistry and Molecular Biology</i> , <b>2017</b> , 80, 71-78	4.5	14
164	Genome-wide annotation of cuticular proteins in the oriental fruit fly ( <i>Bactrocera dorsalis</i> ), changes during pupariation and expression analysis of CPAP3 protein genes in response to environmental stresses. <i>Insect Biochemistry and Molecular Biology</i> , <b>2018</b> , 97, 53-70	4.5	14
163	Functional characterization of BdB1, a well-conserved carboxylesterase among tephritid fruit flies associated with malathion resistance in <i>Bactrocera dorsalis</i> (Hendel). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2017</b> , 200, 1-8	3.2	14
162	Purification and biochemical characterization of glutathione S-transferases from three strains of <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae): Implication of insecticide resistance. <i>Pesticide Biochemistry and Physiology</i> , <b>2009</b> , 94, 10-14	4.9	14
161	Regulation of three isoforms of SOD gene by environmental stresses in citrus red mite, <i>Panonychus citri</i> . <i>Experimental and Applied Acarology</i> , <b>2015</b> , 67, 49-63	2.1	13
160	Genome-wide identification of chitinase and chitin deacetylase gene families in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2018</b> , 27, 13-22	2	13
159	Genome-wide identification, phylogenetic analysis, and expression profiles of ATP-binding cassette transporter genes in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2018</b> , 25, 1-8	2	13
158	Molecular characterization of two carboxylesterase genes of the citrus red mite, <i>Panonychus citri</i> (Acari: Tetranychidae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2013</b> , 82, 213-26	2.3	13
157	High Gama-Aminobutyric Acid Contents Involved in Abamectin Resistance and Predation, an Interesting Phenomenon in Spider Mites. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 216	4.6	13
156	Proteome analysis of male accessory gland secretions in oriental fruit flies reveals juvenile hormone-binding protein, suggesting impact on female reproduction. <i>Scientific Reports</i> , <b>2015</b> , 5, 16845	4.9	13

155	STUDIES ON BIONOMICS OF LIPOSCELIS ENTOMOPHILA (PSOCOPTERA:LIPOSCELIDIDAE) INFESTING STORED PRODUCTS*. <i>Insect Science</i> , <b>1998</b> , 5, 149-158	3.6	13
154	Involvement of Three Esterase Genes from <i>Panonychus citri</i> (McGregor) in Fenpropathrin Resistance. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	13
153	NADPH-Cytochrome P450 Reductase Mediates the Resistance of () (Kirkaldy) to Abamectin. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 986	4.6	13
152	Antimicrobial peptide gene cecropin-2 and defensin respond to peptidoglycan infection in the female adult of oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2017</b> , 206, 1-7	2.3	12
151	Molecular characterizations of natalisin and its roles in modulating mating in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Insect Molecular Biology</i> , <b>2017</b> , 26, 103-112	3.4	12
150	Diversity of Bacterial Communities in the Intestinal Tracts of Two Geographically Distant Populations of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , <b>2018</b> , 111, 2861-2868	2.2	12
149	Characteristics of six small heat shock protein genes from <i>Bactrocera dorsalis</i> : Diverse expression under conditions of thermal stress and normal growth. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2017</b> , 213, 8-16	2.3	12
148	Effect of Cypermethrin Exposure on the Stability of Nine Housekeeping Genes in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2013</b> , 96, 442-450	1	12
147	Genetic diversity and population structure of <i>Panonychus citri</i> (Acari: Tetranychidae), in China based on mitochondrial COI gene sequences. <i>Journal of Economic Entomology</i> , <b>2010</b> , 103, 2204-13	2.2	12
146	Effects of a sublethal concentration of avermectin on the development and reproduction of citrus red mite, <i>Panonychus citri</i> (McGregor) (Acari: Tetranychidae). <i>International Journal of Acarology</i> , <b>2011</b> , 37, 1-9	0.6	12
145	Comparison of acetylcholinesterase from three field populations of <i>Liposcelis paeta</i> Pearman (Psocoptera: Liposcelididae): Implications of insecticide resistance. <i>Pesticide Biochemistry and Physiology</i> , <b>2008</b> , 90, 196-202	4.9	12
144	Population genetics of two asexually and sexually reproducing psocids species inferred by the analysis of mitochondrial and nuclear DNA sequences. <i>PLoS ONE</i> , <b>2012</b> , 7, e33883	3.7	12
143	Does Long-Term Feeding on Alternative Prey Affect the Biological Performance of <i>Neoseiulus barkeri</i> (Acari: Phytoseiidae) on the Target Spider Mites?. <i>Journal of Economic Entomology</i> , <b>2017</b> , 110, 915-923	2.2	11
142	Molecular characterisation of a sodium channel gene and identification of a Phe1538 to Ile mutation in citrus red mite, <i>Panonychus citri</i> . <i>Pest Management Science</i> , <b>2015</b> , 71, 266-77	4.6	11
141	Characterization of Esterase Genes Involving Malathion Detoxification and Establishment of an RNA Interference Method in. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 274	4.6	11
140	Molecular characterizations of two cytochrome P450 genes encoding CYP6A41 and CYP6EK1 from the oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2012</b> , 79, 31-46	2.3	11
139	Influence of Organic Amendments on Adsorption, Desorption and Leaching of Methiopyrisulfuron in Soils. <i>Journal of Integrative Agriculture</i> , <b>2013</b> , 12, 1589-1597	3.2	11
138	Biodegradation of 3,4-Dichloroaniline by a Novel <i>Myroides odoratimimus</i> Strain LWD09 with Moderate Salinity Tolerance. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 3271-3279	2.6	11



137	Purification and biochemical characterization of glutathione S-transferases from four field populations of <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2011</b> , 78, 201-15	2.3	11
136	Adsorption-Desorption Characteristics of Chlorimuron-Ethyl in Soils. <i>Agricultural Sciences in China</i> , <b>2007</b> , 6, 1359-1368		11
135	The complete mitochondrial genome of the booklouse, <i>Liposcelis decolor</i> : insights into gene arrangement and genome organization within the genus <i>Liposcelis</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e91902	3.7	11
134	Divergent molecular evolution in glutathione S-transferase conferring malathion resistance in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Chemosphere</i> , <b>2020</b> , 242, 125203	8.4	11
133	Evaluation of <i>Neoseiulus barkeri</i> (Acari: Phytoseiidae) for Control of <i>Eotetranychus kankitus</i> (Acari: Tetranychidae). <i>Journal of Economic Entomology</i> , <b>2017</b> , 110, 903-914	2.2	10
132	The neuropeptides and protein hormones of the agricultural pest fruit fly <i>Bactrocera dorsalis</i> : What do we learn from the genome sequencing and tissue-specific transcriptomes?. <i>Peptides</i> , <b>2017</b> , 98, 29-34	3.8	10
131	Genome-wide identification of ATP-binding cassette transporters and expression profiles in the Asian citrus psyllid, <i>Diaphorina citri</i> , exposed to imidacloprid. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2019</b> , 30, 305-311	2	10
130	The Ecdysis Triggering Hormone System, via ETH/ETHR-B, Is Essential for Successful Reproduction of a Major Pest Insect, (Hendel). <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 151	4.6	10
129	The complete mitochondrial genome of a tea pest looper, <i>Buzura suppressaria</i> (Lepidoptera: Geometridae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 3153-4	1.3	10
128	Genome-wide identification and expression profiling of odorant-binding proteins in the oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2019</b> , 31, 100605	2	10
127	Molecular Characterization, mRNA Expression and Alternative Splicing of Ryanodine Receptor Gene in the Brown Citrus Aphid, <i>Toxoptera citricida</i> (Kirkaldy). <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 15220-34	6.3	10
126	An analysis of the small RNA transcriptome of four developmental stages of the citrus red mite ( <i>Panonychus citri</i> ). <i>Insect Molecular Biology</i> , <b>2014</b> , 23, 216-29	3.4	10
125	Comparison of biochemical and toxicological characterizations of glutathione S-transferases and superoxide dismutase between <i>Liposcelis bostrychophila</i> Badonnel and <i>L. entomophila</i> (Enderlein) (Psocoptera: Liposcelididae). <i>Pesticide Biochemistry and Physiology</i> , <b>2007</b> , 89, 151-157	4.9	10
124	Characterization of the Geranylgeranyl Diphosphate Synthase Gene in (Hemiptera: Aphididae) and Its Association With Carotenoid Biosynthesis. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1398	4.6	10
123	Molecular characterization of ecdysis triggering hormone and its receptor in citrus red mite ( <i>Panonychus citri</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2019</b> , 230, 100-105	2.6	9
122	Characterization of a new bunyavirus and its derived small RNAs in the brown citrus aphid, <i>Aphis citricidus</i> . <i>Virus Genes</i> , <b>2019</b> , 55, 557-561	2.3	9
121	Phenotypes, antioxidant responses, and gene expression changes accompanying a sugar-only diet in <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>BMC Evolutionary Biology</i> , <b>2017</b> , 17, 194	3	9
120	Functional analysis of five trypsin-like protease genes in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Pesticide Biochemistry and Physiology</i> , <b>2017</b> , 136, 52-57	4.9	9

119	Comparative Proteomic Profiling Reveals Molecular Characteristics Associated with Oogenesis and Oocyte Maturation during Ovarian Development of <i>Bactrocera dorsalis</i> (Hendel). <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	9
118	Molecular characteristics, mRNA expression, and alternative splicing of a ryanodine receptor gene in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>PLoS ONE</i> , <b>2014</b> , 9, e95199	3.7	9
117	Characterization of <i>Bactrocera dorsalis</i> serine proteases and evidence for their indirect role in insecticide tolerance. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 3272-86	6.3	9
116	Molecular characterization of two nicotinic acetylcholine receptor subunits from <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2009</b> , 72, 34-47	2.3	9
115	Purification and Biochemical Characterization of Glutathione S-Transferases in <i>Bactrocera minax</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2012</b> , 95, 593-601	1	9
114	Genome-wide analysis of long non-coding RNAs in adult tissues of the melon fly, <i>Zeugodacus cucurbitae</i> (Coquillett). <i>BMC Genomics</i> , <b>2020</b> , 21, 600	4.5	9
113	Comparative Transcriptome Analysis of Three <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) Organs to Identify Functional Genes in the Male Accessory Glands and Ejaculatory Duct. <i>Florida Entomologist</i> , <b>2017</b> , 100, 42-51	1	8
112	A glutathione S-transferase (BdGSTd9) participates in malathion resistance via directly depleting malathion and its toxic oxide malaoxon in <i>Bactrocera dorsalis</i> (Hendel). <i>Pest Management Science</i> , <b>2020</b> , 76, 2557-2568	4.6	8
111	Comparative Analysis of Differential Gene Expression Profiling of Sex-Bias Fat Body of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) Identifying a New Vitellogenin Gene. <i>Annals of the Entomological Society of America</i> , <b>2018</b> , 111, 43-54	2	8
110	Corazonin Signaling Is Required in the Male for Sperm Transfer in the Oriental Fruit Fly. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 660	4.6	8
109	Phenotypic plasticity, trade-offs and gene expression changes accompanying dietary restriction and switches in <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>Scientific Reports</i> , <b>2017</b> , 7, 1988	4.9	8
108	Determination of Instars of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2017</b> , 100, 270-275	1	8
107	Income resources and reproductive opportunities change life history traits and the egg/time limitation trade-off in a synovigenic parasitoid. <i>Ecological Entomology</i> , <b>2014</b> , 39, 723-731	2.1	8
106	Characterization of the cDNA Encoding Membrane-Bound Trehalase, its Expression and Enzyme Activity in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2013</b> , 96, 1233-1242	1	8
105	Evaluation of Genetic Diversity and Population Structure of <i>Panonychus citri</i> (Acari: Tetranychidae) in China Using Ribosomal Internal Transcribed Spacer 1 Sequences. <i>Annals of the Entomological Society of America</i> , <b>2011</b> , 104, 800-807	2	8
104	Monitoring the Resistance of the Citrus Red Mite (Acari: Tetranychidae) to Four Acaricides in Different Citrus Orchards in China. <i>Journal of Economic Entomology</i> , <b>2020</b> , 113, 918-923	2.2	8
103	Characterization of a $\beta$ -Adrenergic-Like Octopamine Receptor in the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Hendel). <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	8
102	RNA-seq analysis of gene expression changes during pupariation in <i>Bactrocera dorsalis</i> (Hendel) (Diptera: Tephritidae). <i>BMC Genomics</i> , <b>2018</b> , 19, 693	4.5	8

101	Influence of various stressors on the expression of core genes of the small interfering RNA pathway in the oriental fruit fly, <i>Bactrocera dorsalis</i> . <i>Insect Science</i> , <b>2017</b> , 24, 418-430	3.6	7
100	Odorant binding protein 2 reduces imidacloprid susceptibility of <i>Diaphorina citri</i> . <i>Pesticide Biochemistry and Physiology</i> , <b>2020</b> , 168, 104642	4.9	7
99	Genome-wide gene expression profiling of the melon fly, <i>Zeugodacus cucurbitae</i> , during thirteen life stages. <i>Scientific Data</i> , <b>2020</b> , 7, 45	8.2	7
98	The alternative splicing of BdTai and its involvement in the development of <i>Bactrocera dorsalis</i> (Hendel). <i>Journal of Insect Physiology</i> , <b>2017</b> , 101, 132-141	2.4	7
97	Characterization of an insect heterodimeric voltage-gated sodium channel with unique alternative splicing mode. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2017</b> , 203, 149-158	2.3	7
96	Transcription and induction profiles of three novel P450 genes in <i>Liposcelis bostrychophila</i> (Psocoptera: Liposcelididae). <i>Journal of Economic Entomology</i> , <b>2012</b> , 105, 560-72	2.2	7
95	Comparative studies of acetylcholinesterase purified from three field populations of <i>Liposcelis entomophila</i> (enderlein) (psocoptera: liposcelididae). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2010</b> , 75, 158-73	2.3	7
94	The host plant-mediated impact of simulated acid rain on the development and reproduction of <i>Tetranychus cinnabarinus</i> (Acari, Tetranychidae). <i>Journal of Applied Entomology</i> , <b>2004</b> , 128, 397-402	1.7	7
93	Identification and Characterization of Three Juvenile Hormone Genes from <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2016</b> , 99, 648-657	1	7
92	The Transcription Factor Regulates the Susceptibility of to Abamectin via. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1068	4.6	6
91	The mitochondrial genome of the brown citrus aphid <i>Aphis (Toxoptera) citricidus</i> : Insights into the repeat regions in aphids and phylogenetic implications. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 136, 531-539	7.9	6
90	Comparative transcriptome analysis reveals differentially expressed genes in the Asian citrus psyllid ( <i>Diaphorina citri</i> ) upon heat shock. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2019</b> , 30, 256-261	2	6
89	Molecular characterization and functional analysis of BdFoxO gene in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Gene</i> , <b>2016</b> , 578, 219-24	3.8	6
88	Three novel RNA viruses in the spider mite <i>Tetranychus urticae</i> and their possible interactions with the host RNA interference response. <i>Journal of Invertebrate Pathology</i> , <b>2019</b> , 166, 107228	2.6	6
87	Recent research status of <i>Bactrocera dorsalis</i> : Insights from resistance mechanisms and population structure. <i>Archives of Insect Biochemistry and Physiology</i> , <b>2019</b> , 102, e21601	2.3	6
86	Molecular characterization and alternative splicing of a sodium channel and DSC1 ortholog genes in <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae). <i>International Journal of Biological Sciences</i> , <b>2013</b> , 9, 989-1003	11.2	6
85	Adsorption and Desorption of Methiopyrsulfuron in Soils. <i>Pedosphere</i> , <b>2011</b> , 21, 380-388	5	6
84	Molecular cloning and sequence analysis of a novel P450 gene encoding CYP345D3 from the red flour beetle, <i>Tribolium castaneum</i> . <i>Journal of Insect Science</i> , <b>2008</b> , 8, 1-7	2	6

83	The RNA Virome and Its Dynamics in an Invasive Fruit Fly, <i>Bactrocera dorsalis</i> , Imply Interactions Between Host and Viruses. <i>Microbial Ecology</i> , <b>2020</b> , 80, 423-434	4.4	6
82	How Tyramine $\beta$ -Hydroxylase Controls the Production of Octopamine, Modulating the Mobility of Beetles. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	6
81	Molecular cloning, mRNA expression and alternative splicing of a ryanodine receptor gene from the citrus whitefly, <i>Dialeurodes citri</i> (Ashmead). <i>Pesticide Biochemistry and Physiology</i> , <b>2017</b> , 142, 59-66	4.9	5
80	Oriental Fruit Fly <i>Bactrocera dorsalis</i> (Hendel) <b>2017</b> , 267-283		5
79	Expression Dynamics of Core RNAi Machinery Genes in Pea Aphids Upon Exposure to Artificially Synthesized dsRNA and miRNAs. <i>Insects</i> , <b>2020</b> , 11,	2.8	5
78	Parental silencing of a horizontally transferred carotenoid desaturase gene causes a reduction of red pigment and fitness in the pea aphid. <i>Pest Management Science</i> , <b>2020</b> , 76, 2423-2433	4.6	5
77	Potential targets for controlling <i>Bactrocera dorsalis</i> using cuticle- and hormone-related genes revealed by a developmental transcriptome analysis. <i>Pest Management Science</i> , <b>2020</b> , 76, 2127-2143	4.6	5
76	Label-free based quantitative proteomic analysis identifies proteins involved in the testis maturation of <i>Bactrocera dorsalis</i> (Hendel). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2018</b> , 25, 9-18	2	5
75	Expression dynamics of key ecdysteroid and juvenile hormone biosynthesis genes imply a coordinated regulation pattern in the molting process of a spider mite, <i>Tetranychus urticae</i> . <i>Experimental and Applied Acarology</i> , <b>2019</b> , 78, 361-372	2.1	5
74	Characterization of the Purified Glutathione S-transferases from Two Psocids <i>Liposcelis bostrychophila</i> and <i>L. entomophila</i> . <i>Agricultural Sciences in China</i> , <b>2010</b> , 9, 1008-1016		5
73	Influence of long-term exposure to simulated acid rain on development, reproduction and acaricide susceptibility of the carmine spider mite, <i>Tetranychus cinnabarinus</i> . <i>Journal of Insect Science</i> , <b>2006</b> , 6, 1-8	2	5
72	Effects and mechanisms of simulated acid rain on plant-mite interactions in agricultural systems. I. The direct effects of simulated acid rain on carmine spider mite, <i>Tetranychus cinnabarinus</i> . <i>Systematic and Applied Acarology</i> , <b>1999</b> , 4, 83	0.8	5
71	Function of the natalisin receptor in mating of the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel) and testing of peptidomimetics. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193058	3.7	5
70	A Transcriptomic and Proteomic Analysis of the Salivary Glands Reveals Genes Responding to <i>Liberibacter asiaticus</i> . <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 582505	4.6	5
69	Identification and profiling of <i>Bactrocera dorsalis</i> microRNAs and their potential roles in regulating the developmental transitions of egg hatching, molting, pupation and adult eclosion. <i>Insect Biochemistry and Molecular Biology</i> , <b>2020</b> , 127, 103475	4.5	5
68	Identification and Expression Characterization of ATP-Binding Cassette (ABC) Transporter Genes in Melon Fly. <i>Insects</i> , <b>2021</b> , 12,	2.8	5
67	The Complete Mitochondrial Genome of <i>Aleurocanthus camelliae</i> : Insights into Gene Arrangement and Genome Organization within the Family Aleyrodidae. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	5
66	CHARACTERIZATION AND EXPRESSION PROFILES OF FIVE POSSIBLE CYTOCHROME P450 GENES FROM <i>Liposcelis entomophila</i> (ENDERLEIN) (PSOCOPTERA: LIPOSCOLIDIDAE). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2016</b> , 92, 259-73	2.3	5

65	Tudor knockdown disrupts ovary development in <i>Bactrocera dorsalis</i> . <i>Insect Molecular Biology</i> , <b>2019</b> , 28, 136-144	3.4	5
64	Genome-wide identification of long non-coding RNAs (lncRNAs) associated with malathion resistance in <i>Bactrocera dorsalis</i> . <i>Pest Management Science</i> , <b>2021</b> , 77, 2292-2301	4.6	5
63	Characterization of the voltage-gated sodium channel of the Asian citrus psyllid, <i>Diaphorina citri</i> . <i>Insect Science</i> , <b>2017</b> , 24, 47-59	3.6	4
62	Functional characterization of two acetylcholinesterase genes in the brown citrus aphid, <i>Aphis (Toxoptera) citricidus</i> (Kirkaldy), using heterologous expression and RNA interference. <i>Pesticide Biochemistry and Physiology</i> , <b>2017</b> , 138, 76-83	4.9	4
61	Genome-Wide Analysis of MicroRNAs in Relation to Pupariation in Oriental Fruit Fly. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 301	4.6	4
60	Assessment of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) Diets on Adult Fecundity and Larval Development: Insights Into Employing the Sterile Insect Technique. <i>Journal of Insect Science</i> , <b>2020</b> , 20,	2	4
59	RNA virome screening in diverse but ecologically related citrus pests reveals potential virus-host interactions. <i>Journal of Invertebrate Pathology</i> , <b>2020</b> , 170, 107329	2.6	4
58	Purification and partial characterization of glutathione S-transferases from three field populations of <i>Panonychus citri</i> (Acari: Tetranychidae). <i>Experimental and Applied Acarology</i> , <b>2012</b> , 56, 99-111	2.1	4
57	Interactive effects of temperature and controlled atmosphere at biologically relevant levels on development and reproduction of the psocid, <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae). <i>International Journal of Pest Management</i> , <b>2001</b> , 47, 55-62	1.5	4
56	Vitellogenin membrane protein gene ZcVMP26Ab and its role in preventing water loss in <i>Zeugodacus cucurbitae</i> (Coquillett) embryos. <i>Entomologia Generalis</i> , <b>2021</b> , 41, 279-288	5.3	4
55	Regulatory roles of microRNAs in insect pests: prospective targets for insect pest control. <i>Current Opinion in Biotechnology</i> , <b>2021</b> , 70, 158-166	11.4	4
54	First Insights into the Intrapuparial Development of (Hendel): Application in Predicting Emergence Time for Tephritid Fly Control. <i>Insects</i> , <b>2019</b> , 10,	2.8	3
53	Characterization and Function of Two Short Peptidoglycan Recognition Proteins Involved in the Immunity of (Hendel). <i>Insects</i> , <b>2019</b> , 10,	2.8	3
52	Gene expression profiling of ovary identified eggshell proteins regulated by 20-hydroxyecdysone in <i>Bactrocera dorsalis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2019</b> , 30, 206-216	2	3
51	Cloning and functional characterization of two peptidoglycan recognition protein isoforms (PGRP-LC) in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Journal of Integrative Agriculture</i> , <b>2020</b> , 19, 3025-3034	3.3	3
50	Genome-wide and expression-profiling analyses of the cytochrome P450 genes in <i>Bactrocera dorsalis</i> (Hendel) and screening of candidate P450 genes associated with malathion resistance. <i>Pest Management Science</i> , <b>2020</b> , 76, 2932-2943	4.6	3
49	Molecular Characterization and Expression Profiling of Nuclear Receptor Gene Families in Oriental Fruit Fly, (Hendel). <i>Insects</i> , <b>2020</b> , 11,	2.8	3
48	First Report of a Mesonivirus and Its Derived Small RNAs in an Aphid Species <i>Aphis citricidus</i> (Hemiptera: Aphididae), Implying Viral Infection Activity. <i>Journal of Insect Science</i> , <b>2020</b> , 20,	2	3

47	RNAi of the nuclear receptor HR3 suggests a role in the molting process of the spider mite <i>Panonychus citri</i> . <i>Experimental and Applied Acarology</i> , <b>2020</b> , 81, 75-83	2.1	3
46	Cytoplasmic glutamine synthetase gene expression regulates larval development in <i>Bactrocera dorsalis</i> (Hendel). <i>Archives of Insect Biochemistry and Physiology</i> , <b>2018</b> , 97, e21447	2.3	3
45	Antioxidant Role of in Fenpropathrin Resistant Population of the Citrus Red Mite, (McGregor). <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 314	4.6	3
44	Antimicrobial peptide gene BdPho responds to peptidoglycan infection and mating stimulation in oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>AMB Express</i> , <b>2018</b> , 8, 5	4.1	3
43	Crustacean cardioactive peptide (CCAP) of the oriental fruit fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae): Molecular characterization, distribution and its potential roles in larva-pupa ecdysis. <i>Peptides</i> , <b>2019</b> , 122, 169929	3.8	3
42	Abamectin treatment affects glutamate decarboxylase expression and induces higher GABA levels in the citrus red mite, <i>Panonychus citri</i> . <i>Experimental and Applied Acarology</i> , <b>2017</b> , 72, 229-244	2.1	3
41	Identification and Expression of a $\beta$ -Actin Gene from <i>Liposcelis bostrychophila</i> Badonnel (Psocoptera: Liposcelididae). <i>Agricultural Sciences in China</i> , <b>2011</b> , 10, 1391-1401		3
40	Antioxidant Enzymes and Heat Shock Protein Genes from Are Involved in Stress Defense upon Heat Shock. <i>Insects</i> , <b>2020</b> , 11,	2.8	3
39	An odorant-binding protein of Asian citrus psyllid, <i>Diaphorina citri</i> , participates in the response of host plant volatiles. <i>Pest Management Science</i> , <b>2021</b> , 77, 3068-3079	4.6	3
38	Involvement of clathrin-dependent endocytosis in cellular dsRNA uptake in aphids. <i>Insect Biochemistry and Molecular Biology</i> , <b>2021</b> , 132, 103557	4.5	3
37	Effects of Ethacrynic Acid Addition to Diet on Fitness and Development in the Psocid <i>Liposcelis bostrychophila</i> Badonnel. <i>Environmental Entomology</i> , <b>2016</b> , 45, 252-7	2.1	2
36	Reduced Glutamine Synthetase Activity Alters the Fecundity of Female (Hendel). <i>Insects</i> , <b>2019</b> , 10,	2.8	2
35	Molecular Evidences for the Biosynthesis of Pederin by Endosymbiont. <i>Agricultural Sciences in China</i> , <b>2009</b> , 8, 1339-1350		2
34	Influence of Simulated Acid Rain on Population Dynamics of Carmine Spider Mite, <i>Tetranychus Cinnabarinus</i> (Boisduval) (Acari: Tetranychidae) and its Host Plant. <i>International Journal of Acarology</i> , <b>2008</b> , 34, 427-434	0.6	2
33	Discovery of a widespread presence bunyavirus that may have symbiont-like relationships with different species of aphids. <i>Insect Science</i> , <b>2021</b> ,	3.6	2
32	Comparative Insight into the Bacterial Communities in Alate and Apterous Morphs of Brown Citrus Aphid (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , <b>2020</b> , 113, 1436-1444	2.2	2
31	GNBP1 as a potential RNAi target to enhance the virulence of <i>Beauveria bassiana</i> for aphid control. <i>Journal of Pest Science</i> , 1	5.5	2
30	The Diversity of Viral Community in Invasive Fruit Flies ( <i>Bactrocera</i> and <i>Zeugodacus</i> ) Revealed by Meta-transcriptomics. <i>Microbial Ecology</i> , <b>2021</b> , 1	4.4	2

29	lnc94638 is a testis-specific long non-coding RNA involved in spermatozoa formation in <i>Zeugodacus cucurbitae</i> (Coquillett). <i>Insect Molecular Biology</i> , <b>2021</b> , 30, 605-614	3.4	2
28	RNA-sequencing of a citrus bud-feeder, <i>Podagricomela weisei</i> (Coleoptera: Chrysomelidae), reveals xenobiotic metabolism/core RNAi machinery-associated genes and conserved miRNAs. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2019</b> , 29, 339-350	2	1
27	3-Hydroxy-3-methyl glutaryl coenzyme A reductase is required for ovarian development in the oriental fruit fly <i>Bactrocera dorsalis</i> (Hendel). <i>Journal of Asia-Pacific Entomology</i> , <b>2018</b> , 21, 1071-1078	1.4	1
26	RNA-seq Analysis of <i>Clitea metallica</i> (Coleoptera: Chrysomelidae), Provides Insights Into Cuticle-Related Genes and miRNAs. <i>Journal of Economic Entomology</i> , <b>2019</b> , 112, 2940-2951	2.2	1
25	Complete mitochondrial genome of (Coleoptera, Cerambycidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2020</b> , 5, 375-376	0.5	1
24	Knockdown of specific cuticular proteins analogous to peritrophin 3 genes disrupt larval and ovarian development in <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Insect Science</i> , <b>2021</b> , 28, 1326-1337	3.6	1
23	Molecular Characterization and Transcriptional Expression Analysis of ABC Transporter H Subfamily Genes in the Oriental Fruit Fly. <i>Journal of Economic Entomology</i> , <b>2021</b> , 114, 1298-1309	2.2	1
22	RNA interference of Argonaute-1 delays ovarian development in the oriental fruit fly, <i>Bactrocera dorsalis</i> (Hendel). <i>Pest Management Science</i> , <b>2021</b> , 77, 3921-3933	4.6	1
21	Prevalence of a Novel Bunyavirus in Tea Tussock Moth <i>Euproctis pseudoconspersa</i> (Lepidoptera: Lymantriidae). <i>Journal of Insect Science</i> , <b>2021</b> , 21,	2	1
20	Knockdown of a $\beta$ Adrenergic-Like Octopamine Receptor Affects Locomotion and Reproduction of. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
19	NADPH-cytochrome P450 reductase mediates the susceptibility of Asian citrus psyllid <i>Diaphorina citri</i> to imidacloprid and thiamethoxam. <i>Pest Management Science</i> , <b>2021</b> , 77, 677-685	4.6	1
18	Molting process revealed by the detailed expression profiles of RXR1/RXR2 and mining the associated genes in a spider mite, <i>Panonychus citri</i> . <i>Insect Science</i> , <b>2021</b> ,	3.6	1
17	Expression profiles of tyrosine metabolic pathway genes and functional analysis of DOPA decarboxylase in puparium tanning of <i>Bactrocera dorsalis</i> (Hendel). <i>Pest Management Science</i> , <b>2022</b> , 78, 344-354	4.6	1
16	CRISPR/Cas9 mutagenesis abolishes odorant-binding protein BdorOBP56f-2 and impairs the perception of methyl eugenol in <i>Bactrocera dorsalis</i> (Hendel). <i>Insect Biochemistry and Molecular Biology</i> , <b>2021</b> , 139, 103656	4.5	1
15	Comparative transcriptomic analysis reveals female-biased olfactory genes potentially involved in plant volatile-mediated oviposition behavior of <i>Bactrocera dorsalis</i> . <i>BMC Genomics</i> , <b>2021</b> , 22, 25	4.5	1
14	Identification of responsive proteins in <i>Panonychus citri</i> exposed to abamectin by a proteomic approach. <i>Journal of Proteomics</i> , <b>2017</b> , 158, 9-19	3.9	0
13	COMPARATIVE BIOLOGY OF TWO GEOGRAPHICAL POPULATIONS OF THE SOUTHERN COWPEA WEEVIL, <i>CALLOSBRUCHUS CHINENSIS</i> (L.) (COLEOPTERA: BRUCHIDAE) IN SOUTHWEST CHINA. <i>Insect Science</i> , <b>2003</b> , 10, 257-264	3.6	0
12	Crustacean cardioactive peptide and its receptor modulate the ecdysis behavior in the pea aphid, <i>Acyrtosiphon pisum</i> .. <i>Journal of Insect Physiology</i> , <b>2022</b> , 137, 104364	2.4	0

11	Functional characterization of four Hsp70 genes involved in high-temperature tolerance in <i>Aphis aurantii</i> (Hemiptera: Aphididae).. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 202, 141-149	7.9	○
10	The short neuropeptide F receptor regulates olfaction-mediated foraging behavior in the oriental fruit fly <i>Bactrocera dorsalis</i> (Hendel). <i>Insect Biochemistry and Molecular Biology</i> , <b>2021</b> , 140, 103697	4.5	○
9	Genome-wide analysis of long non-coding RNAs and their association with wing development in <i>Aphis citricidus</i> (Hemiptera: Aphididae). <i>Insect Biochemistry and Molecular Biology</i> , <b>2021</b> , 139, 103666	4.5	○
8	The adipokinetic hormone signaling system regulates the sensitivity of <i>Bactrocera dorsalis</i> to malathion. <i>Pesticide Biochemistry and Physiology</i> , <b>2021</b> , 174, 104808	4.9	○
7	De novo RNA-Seq and Annotation of Sesquiterpenoid and Ecdysteroid Biosynthesis Genes and MicroRNAs in a Spider Mite <i>Eotetranychus kankitus</i> . <i>Journal of Economic Entomology</i> , <b>2021</b> , 114, 2543-2552	2.2	○
6	Ovary-Specific Transcriptome and Essential Role of Nanos in Ovary Development in the Oriental Fruit Fly (Diptera: Tephritidae). <i>Journal of Economic Entomology</i> , <b>2021</b> , 114, 947-958	2.2	○
5	Expression and Role of Vitellogenin Genes in Ovarian Development of <i>Zeugodacus cucurbitae</i> . <i>Insects</i> , <b>2022</b> , 13, 452	2.8	○
4	High divergence levels of <i>Panonychus citri</i> populations on Rutaceae and Oleaceae as indicated by internal transcribed spacer 1 (ITS1) sequences. <i>International Journal of Acarology</i> , <b>2012</b> , 38, 66-73	0.6	
3	cDNA Cloning and Expression Analysis of the Nicotinic Acetylcholine Receptor Alpha6 Subunit in the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <i>Florida Entomologist</i> , <b>2012</b> , 95, 253-260	1	
2	Characterization of the complete mitochondrial genome of a barklouse, sp. (Psocodea: Trogiomorpha: Trogiidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2021</b> , 6, 1725-1726	0.5	
1	Sequencing of Transcriptome and Small RNA Revealed the Xenobiotic Metabolism-Related Genes and Potential Regulatory miRNA in Asian Tramp Snail. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 595166	4.5	