

# De-Jun Hao

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

477  
citations

840119

11  
h-index

794141

19  
g-index

43  
all docs

43  
docs citations

43  
times ranked

515  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Deletion of the <i>Bombyx mori</i> odorant receptor co-receptor (BmOrco) impairs olfactory sensitivity in silkworms. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 86, 58-67.   | 1.2 | 80        |
| 2  | Identification of a male-produced sex-aggregation pheromone for a highly invasive cerambycid beetle, <i>Aromia bungii</i> . <i>Scientific Reports</i> , 2017, 7, 7330.   | 1.6 | 33        |
| 3  | Comparative Transcriptome Analysis of the Heat Stress Response in <i>Monochamus alternatus</i> Hope (Coleoptera: Cerambycidae). <i>Frontiers in Physiology</i> , 2019, 10, 1568.   | 1.3 | 33        |
| 4  | Identification of a Male-Produced Pheromone Component of the Citrus Longhorned Beetle, <i>Anoplophora chinensis</i> . <i>PLoS ONE</i> , 2015, 10, e0134358.  | 1.1 | 32        |
| 5  | Behavioural and transcriptional changes in post-mating females of an egg parasitoid wasp species. <i>Royal Society Open Science</i> , 2019, 6, 181453.   | 1.1 | 21        |
| 6  | Antennal transcriptome analysis and expression profiles of odorant binding proteins in <i>Clostera restituta</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 211-220.                           | 0.4 | 18        |
| 7  | DNA barcodes and molecular diagnostics for distinguishing introduced <i>Xyleborus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10   | 0.6 | 17        |
| 8  | Bacterial Communities Associated with the Pine Wilt Disease Insect Vector <i>Monochamus alternatus</i> (Coleoptera: Cerambycidae) during the Larvae and Pupae Stages. <i>Insects</i> , 2020, 11, 376.  | 1.0 | 17        |
| 9  | Male-male lethal combat in the quasi-gregarious parasitoid <i>Anastatus disparis</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10   | 1.6 | 15        |
| 10 | Life history of aggression in <i>Anastatus disparis</i> (Hymenoptera: Eupelmidae) with extreme male-male combat. <i>Bulletin of Entomological Research</i> , 2021, 111, 146-152.   | 0.5 | 15        |
| 11 | Jasmonate induced terpene-based defense in <i>Pinus massoniana</i> depresses <i>Monochamus alternatus</i> adult feeding. <i>Pest Management Science</i> , 2021, 77, 731-740.   | 1.7 | 15        |
| 12 | Effect of variation in objective resource value on extreme male combat in a quasi-gregarious species, <i>Anastatus disparis</i> . <i>BMC Ecology</i> , 2019, 19, 21.   | 3.0 | 14        |
| 13 | Identification of a female-produced pheromone in a destructive invasive species: Asian longhorn beetle, <i>Anoplophora glabripennis</i> . <i>Journal of Pest Science</i> , 2020, 93, 1321-1332.  | 1.9 | 14        |
| 14 | Effects of exogenous methyl jasmonate-induced resistance in <i>Populus euramericana</i> 'Nanlin895'™ on the performance and metabolic enzyme activities of <i>Clostera anachoreta</i> . <i>Arthropod-Plant Interactions</i> , 2018, 12, 247-255. | 0.5 | 13        |
| 15 | Biological traits and life history of <i>Pagiophloeus tsushimanus</i> (Coleoptera: Curculionidae), a weevil pest on camphor trees in China. <i>Journal of Forestry Research</i> , 2021, 32, 1979-1988.   | 1.7 | 13        |
| 16 | Traumatic Resin Duct Development, Terpenoid Formation, and Related Synthase Gene Expression in <i>Pinus massoniana</i> Under Feeding Pressure of <i>Monochamus alternatus</i> . <i>Journal of Plant Growth Regulation</i> , 2019, 38, 897-908.   | 2.8 | 12        |
| 17 | Phospholipase C gamma (PLC $\gamma$ ) regulates soluble trehalase in the 20E-induced fecundity of <i>Apolygus lucorum</i> . <i>Insect Science</i> , 2021, 28, 430-444.   | 1.5 | 12        |
| 18 | Optimizing pheromone-based lures for the invasive red-necked longhorn beetle, <i>Aromia bungii</i> . <i>Journal of Pest Science</i> , 2019, 92, 1217-1225.   | 1.9 | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Tolerance, biochemistry and related gene expression in <i>Pagiophloeus tsushmanus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td ( experience. Journal of Applied Entomology, 2021, 145, 530-542.  | 0.7 | 9         |
| 20 | Sexual Transcription Differences in <i>Brachymeria lasus</i> (Hymenoptera: Chalcididae), a Pupal Parasitoid Species of <i>Lymantria dispar</i> (Lepidoptera: Lymantriidae). <i>Frontiers in Genetics</i> , 2019, 10, 172.   | 1.1 | 8         |
| 21 | Molecular and functional properties of two <i>Spodoptera exigua</i> acetylcholinesterase genes. <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 101, e21554.  | 0.6 | 8         |
| 22 | Colonization of <i>Bacillus cereus</i> NJSZ-13, a species with nematicidal activity in Masson pine ( <i>Pinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td ( experience. Journal of Applied Entomology, 2021, 145, 530-542.  | 1.7 | 10        |
| 23 | Hormetic response and co-expression of cytochrome P450 and cuticular protein reveal the tolerance to host-specific terpenoid defences in an emerging insect pest, <i>Pagiophloeus tsushmanus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td ( experience. Journal of Applied Entomology, 2021, 145, 530-542. | 1.0 | 6         |
| 24 | Facultative production of multiple-egg clutches in a quasi-gregarious parasitoid: fitness gains for offspring at low developmental temperature. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.   | 0.6 | 6         |
| 25 | Cuticular Hydrocarbon Recognition in the Mating Behavior of Two <i>Pissodes</i> Species. <i>Insects</i> , 2019, 10, 217.  | 1.0 | 6         |
| 26 | Characterization, expression profiling, and thermal tolerance analysis of heat shock protein 70 in pine sawyer beetle, <i>Monochamus alternatus</i> hope (Coleoptera: Cerambycidae). <i>Bulletin of Entomological Research</i> , 2021, 111, 217-228.  | 0.5 | 6         |
| 27 | Evaluation of Optimal Reference Genes for qRT-PCR Analysis in <i>Hyphantria cunea</i> (Drury). <i>Insects</i> , 2022, 13, 97.   | 1.0 | 6         |
| 28 | Offspring performance and female preference of <i>Pagiophloeus tsushmanus</i> (coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td ( experience. Journal of Applied Entomology, 2021, 145, 530-542.   | 0.8 | 5         |
| 29 | Sexual dimorphism and sex-biased gene expression in an egg parasitoid species, <i>Anastatus disparis</i> . <i>BMC Genomics</i> , 2020, 21, 492.   | 1.2 | 4         |
| 30 | Effects of female body size and age and male mating status on male combat in <i>Anastatus disparis</i> (Hymenoptera: Eupelmidae). <i>Ecological Entomology</i> , 2020, 45, 1071-1079.   | 1.1 | 4         |
| 31 | Functional analysis of small heat shock proteins providing evidence of temperature tolerance in <i>Hyphantria cunea</i> . <i>Journal of Applied Entomology</i> , 2022, 146, 130-143.  | 0.8 | 3         |
| 32 | Comparative Transcriptome Analysis Reveals Molecular Insights in Overwintering <i>Monochamus alternatus</i> (Coleoptera: Cerambycidae). <i>Journal of Insect Science</i> , 2022, 22, .  | 0.6 | 3         |
| 33 | Time-course transcriptomic study of phenolic metabolism and P450 enzymes in <i>Pinus massoniana</i> Lamb. after feeding by <i>Monochamus alternatus</i> Hope. <i>Scandinavian Journal of Forest Research</i> , 2019, 34, 569-576.   | 0.5 | 2         |
| 34 | Effect of Winning Experience on Aggression Involving Dangerous Fighting Behavior in <i>Anastatus disparis</i> (Hymenoptera: Eupelmidae). <i>Journal of Insect Science</i> , 2020, 20, .   | 0.6 | 2         |
| 35 | The effects of temperature and host size on the development of <i>Brachymeria lasus</i> parasitising <i>Hyphantria cunea</i> . <i>Journal of Forestry Research</i> , 2021, 32, 401-407.   | 1.7 | 2         |
| 36 | Insights into chemosensory genes of <i>Pagiophloeus tsushmanus</i> adults using transcriptome and qRT-PCR analysis. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 37, 100785.  | 0.4 | 2         |

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|----|---|-----|-----------|
| 37 | Transcriptome profiling and RNA interference reveals relevant detoxification genes in <i>Monochamus alternatus</i> response to (+)- $\alpha$ -pinene. <i>Journal of Applied Entomology</i> , 0, , . | 0.8 | 2         |
| 38 | iTRAQ Proteomic Analysis of Interactions Between 20E and Phospholipase C in <i>Apolygus lucorum</i> (Meyer-Dall'Acqua). <i>Frontiers in Physiology</i> , 2022, 13, 845087.                          | 1.3 | 0         |