

# Hajime Ono

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,274  
citations

623734

14  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1444  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Prothoracicotropic Hormone Regulates Developmental Timing and Body Size in <i>Drosophila</i> . <i>Developmental Cell</i> , 2007, 13, 857-871.  | 7.0 | 388       |
| 2  | Spook and Spookier code for stage-specific components of the ecdysone biosynthetic pathway in Diptera. <i>Developmental Biology</i> , 2006, 298, 555-570.  | 2.0 | 274       |
| 3  | Synonymization of key pest species within the <i>Bactrocera dorsalis</i> species complex (Diptera: Tephritidae): taxonomic changes based on a review of 20 years of integrative morphological, molecular, cytogenetic, behavioural and chemoeological data. <i>Systematic Entomology</i> , 2015, 40, 456-471.              | 3.9 | 175       |
| 4  | Comparison of phenylpropanoid volatiles in male rectal pheromone gland after methyl eugenol consumption, and molecular phylogenetic relationship of four global pest fruit fly species: <i>Bactrocera invadens</i> , <i>B. dorsalis</i> , <i>B. correcta</i> and <i>B. zonata</i> . <i>Chemoecology</i> , 2011, 21, 25-33. | 1.1 | 58        |
| 5  | Functional characterization of olfactory receptors in the Oriental fruit fly <i>Bactrocera dorsalis</i> that respond to plant volatiles. <i>Insect Biochemistry and Molecular Biology</i> , 2018, 101, 32-46.  | 2.7 | 38        |
| 6  | Ecdysone differentially regulates metamorphic timing relative to 20-hydroxyecdysone by antagonizing juvenile hormone in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2014, 391, 32-42.  | 2.0 | 33        |
| 7  | Identification of cytochrome P450 and glutathione-S-transferase genes preferentially expressed in chemosensory organs of the swallowtail butterfly, <i>Papilio xuthus</i> L.. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 837-846.  | 2.7 | 31        |
| 8  | Accumulation of Phenylpropanoid and Sesquiterpenoid Volatiles in Male Rectal Pheromonal Glands of the Guava Fruit Fly, <i>Bactrocera correcta</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 1327-1334.  | 1.8 | 31        |
| 9  | Hydroxybenzoic Acid Derivatives in a Nonhost Rutaceous Plant, <i>Orixa japonica</i> , Deter Both Oviposition and Larval Feeding in a Rutaceae-Feeding Swallowtail Butterfly, <i>Papilio xuthus</i> L.. <i>Journal of Chemical Ecology</i> , 2004, 30, 287-301.   | 1.8 | 27        |
| 10 | Identification of amine receptors from a swallowtail butterfly, <i>Papilio xuthus</i> L.: cloning and mRNA localization in foreleg chemosensory organ for recognition of host plants. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 1247-1256.  | 2.7 | 27        |
| 11 | Comparison of methyl eugenol metabolites, mitochondrial COI, and rDNA sequences of <i>Bactrocera philippinensis</i> (Diptera: Tephritidae) with those of three other major pest species within the <i>dorsalis</i> complex. <i>Applied Entomology and Zoology</i> , 2013, 48, 275-282.                                     | 1.2 | 25        |
| 12 | Conversion of 3-oxo steroids into ecdysteroids triggers molting and expression of 20E-inducible genes in <i>Drosophila melanogaster</i> . <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 561-566.   | 2.1 | 23        |
| 13 | A dihydroxy- $\beta$ -lactone as an Oviposition Stimulant for the Swallowtail Butterfly, <i>Papilio bianor</i> , from the Rutaceous Plant, <i>Orixa japonica</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2000, 64, 1970-1973.  | 1.3 | 21        |
| 14 | <i>Drosophila</i> 4EHP is essential for the larval-pupal transition and required in the prothoracic gland for ecdysone biosynthesis. <i>Developmental Biology</i> , 2016, 410, 14-23.  | 2.0 | 16        |
| 15 | Characterization of candidate intermediates in the Black Box of the ecdysone biosynthetic pathway in <i>Drosophila melanogaster</i> : Evaluation of molting activities on ecdysteroid-defective larvae. <i>Journal of Insect Physiology</i> , 2016, 93-94, 94-104.   | 2.0 | 15        |
| 16 | Floral synomone diversification of <i>Bulbophyllum</i> sibling species (Orchidaceae) in attracting fruit fly pollinators. <i>Biochemical Systematics and Ecology</i> , 2018, 81, 86-95.  | 1.3 | 14        |
| 17 | Floral fragrances in two closely related fruit fly orchids, <i>Bulbophyllum hortorum</i> and <i>B. macranthoides</i> (Orchidaceae): assortments of phenylbutanoids to attract tephritid fruit fly males. <i>Applied Entomology and Zoology</i> , 2020, 55, 55-64.  | 1.2 | 14        |
| 18 | Historical perspective on the synonymization of the four major pest species belonging to the <i>Bactrocera dorsalis</i> species complex (Diptera, Tephritidae). <i>ZooKeys</i> , 2015, 540, 323-338.   | 1.1 | 13        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Recent Advancements in Studies on Chemosensory Mechanisms Underlying Detection of Semiochemicals in Dacini Fruit Flies of Economic Importance (Diptera: Tephritidae). <i>Insects</i> , 2021, 12, 106.  | 2.2 | 12        |
| 20 | Glue protein production can be triggered by steroid hormone signaling independent of the developmental program in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2017, 430, 166-176.  | 2.0 | 11        |
| 21 | Functional characterization of olfactory receptors in three Dacini fruit flies (Diptera: Tephritidae) that respond to 1-nonanol analogs as components in the rectal glands. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 239, 110346. | 1.6 | 11        |
| 22 | Predominant accumulation of a 3-hydroxy- $\delta^3$ -decalactone in the male rectal gland complex of the Japanese orange fly, <i>Bactrocera tsuneonis</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 25-30.   | 1.3 | 7         |
| 23 | Diversification in both the floral morphology and chemistry in two daciniphilous orchid ecotypes in Borneo. <i>Arthropod-Plant Interactions</i> , 2021, 15, 447-455.   | 1.1 | 3         |
| 24 | Functional characterization of an olfactory receptor in the Oriental fruit fly, <i>Bactrocera dorsalis</i> , that responds to eugenol and isoeugenol. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 258, 110696.                       | 1.6 | 3         |
| 25 | Synthesis and activity of 3-oxo- $\delta^3$ -ionone analogs as male attractants for the solanaceous fruit fly, <i>Bactrocera latifrons</i> (Diptera: Tephritidae). <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 2360-2367.  | 1.3 | 2         |
| 26 | Current knowledge of taxonomy, physiology and chemical ecology about <i>Bactrocera dorsalis</i> and its related species with comments to Wu et al. (2020). <i>Molecular Phylogenetics and Evolution</i> , 2021, 156, 107019.   | 2.7 | 1         |
| 27 | The plant-derived triterpenoid, cucurbitacin B, but not cucurbitacin E, inhibits the developmental transition associated with ecdysone biosynthesis in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2021, 134, 104294.                                       | 2.0 | 1         |
| 28 | Evaluation of antixenosis in soybean against <i>Spodoptera litura</i> by dual-choice assay aided by a statistical analysis model: Discovery of a novel antixenosis in Peking. <i>Journal of Pesticide Sciences</i> , 2021, 46, 182-188.  | 1.4 | 0         |
| 29 | Recent advancements in the characterization of olfactory receptors of tephritid fruit flies. <i>Journal of Japan Association on Odor Environment</i> , 2022, 53, 45-49.  | 0.0 | 0         |
| 30 | Development of microsatellite markers for the Japanese orange fly, <i>Bactrocera tsuneonis</i> (Diptera: Tephritidae). <i>Journal of Applied Genetics</i> , 2021, 62, 1-12.  | 0.0 | 0         |