

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	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
2	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
3	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
4	Diversification in both the floral morphology and chemistry in two dacinophilous orchid ecotypes in Borneo. <i>Arthropod-Plant Interactions</i> , 2021, 15, 447-455.	1.1	3
5	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
6	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
7	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
8	Synthesis and activity of 3-oxo- δ^7 -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
9	Predominant accumulation of a 3-hydroxy- δ^7 -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
10	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
11	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
12	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
13	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
14	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
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	<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
17	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 chemoecological data. <i>Systematic Entomology</i> , 2015, 40, 456-471.	3.9	175
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

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19	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
20	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 dorsalis complex. <i>Applied Entomology and Zoology</i> , 2013, 48, 275-282.	1.2	25
21	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
22	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
23	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
24	Prothoracicotropic Hormone Regulates Developmental Timing and Body Size in <i>Drosophila</i> . <i>Developmental Cell</i> , 2007, 13, 857-871.	7.0	388
25	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
26	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
27	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
28	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
29	A dihydroxy- β -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
30	Development of microsatellite markers for the Japanese orange fly, <i>Bactrocera tsuneonis</i> (Diptera: Tj ETQq0 0 0 rgBT ₁ /Overlock 10 Tf 50		