Dong H Cha

List of Publications by Year
in descending order

61 papers	1,458 citations	394421 19 h-index	361022 35 g-index
61 all docs	61 docs citations	61 times ranked	1083 citing authors

#	Article	IF	Citations
1	Evaluating Bactrocera dorsalis (Hendel) (Diptera: Tephritidae) Response to Methyl Eugenol: Comparison of Three Common Bioassay Methods. Journal of Economic Entomology, 2022, 115, 556-564.	1.8	9
2	Ethyl Formate-Based Quarantine Treatment for Exotic Ants and Termites in Imported Rubber Plants and Stone Products. Applied Sciences (Switzerland), 2022, 12, 6066.	2.5	2
3	Automated aerosol puffers effectively deliver 1â€OCTENâ€3â€OL, an oviposition antagonist useful against spottedâ€wing drosophila. Pest Management Science, 2021, 77, 389-396.	3.4	11
4	2â€Pentylfuran: a novel repellent of Drosophila suzukii. Pest Management Science, 2021, 77, 1757-1764.	3.4	17
5	Ethyl formate fumigation and ethyl formate plus cold treatment combination as potential phytosanitary quarantine treatments of Drosophila suzukii in blueberries. Journal of Asia-Pacific Entomology, 2021, 24, 129-135.	0.9	22
6	Ethyl Formate as a Methyl Bromide Alternative for Fumigation of Citrus: Efficacy, Fruit Quality, and Workplace Safety. Journal of Economic Entomology, 2021, 114, 2290-2296.	1.8	12
7	Olfactory attraction to aggregation pheromone is mediated by disti-flagellum of antennal segments in Riptortus pedestris. Journal of Asia-Pacific Entomology, 2021, 24, 415-420.	0.9	4
8	Age-dependent response of female melon fly, Zeugodacus cucurbitae (Diptera: Tephritidae), to volatiles emitted from damaged host fruits. Journal of Asia-Pacific Entomology, 2021, 24, 759-763.	0.9	6
9	Drosophila suzukii (Diptera: Drosophilidae): A Decade of Research Towards a Sustainable Integrated Pest Management Program. Journal of Economic Entomology, 2021, 114, 1950-1974.	1.8	113
10	Does Habituation Affect the Efficacy of Semiochemical Oviposition Repellents Developed Against Drosophila suzukii?. Environmental Entomology, 2021, 50, 1322-1331.	1.4	5
11	New feasible quarantine disinfestation using ethyl formate for termites and ants on imported lumber. Journal of Asia-Pacific Entomology, 2021, 24, 969-974.	0.9	3
12	A double-edged sword: Amylostereum areolatum odors attract both Sirex noctilio (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	8
13	Preferential Attraction of Oviposition-Ready Oriental Fruit Flies to Host Fruit Odor over Protein Food Odor. Insects, 2021, 12, 909.	2.2	9
14	Behavioral evidence for contextual olfactoryâ€mediated avoidance of the ubiquitous phytopathogen Botrytis cinerea by Drosophila suzukii. Insect Science, 2020, 27, 771-779.	3.0	11
15	Habitat cues synergize to elicit chemically mediated landing behavior in a specialist phytophagous insect, the grape berry moth. Entomologia Experimentalis Et Applicata, 2020, 168, 880-889.	1.4	1
16	Identification of a female-produced pheromone in a destructive invasive species: Asian longhorn beetle, Anoplophora glabripennis. Journal of Pest Science, 2020, 93, 1321-1332.	3.7	14
17	Ethyl Formate as a Methyl Bromide Alternative for Phytosanitary Disinfestation of Imported Banana in Korea With Logistical Considerations. Journal of Economic Entomology, 2020, 113, 1711-1717.	1.8	18
18	Postharvest Quarantine Treatments for Drosophila suzukii in Fresh Fruit. , 2020, , 255-267.		2

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19	Ethyl formate fumigation for the disinfestation of red imported fire ants Solenopsis invicta Buren. Journal of Asia-Pacific Entomology, 2019, 22, 838-840.	0.9	10
20	Behavioral Response of Little Fire Ant, Wasmannia auropunctata (Hymenoptera: Formicidae), to Trail Chemicals Laid on Epiphytic Moss. Journal of Insect Behavior, 2019, 32, 145-152.	0.7	1
21	Effect of Erythritol onDrosophila suzukii(Diptera: Drosophilidae) in the Presence of Naturally-Occurring Sugar Sources, and on the Survival ofApis mellifera(Hymenoptera: Apidae). Journal of Economic Entomology, 2019, 112, 981-985.	1.8	16
22	Plants, microbes, and odorants involved in host plant location by a specialist moth: who's making the message?. Entomologia Experimentalis Et Applicata, 2019, 167, 313-322.	1.4	7
23	Proximate Mechanisms of Host Plant Location by a Specialist Phytophagous Insect, the Grape Berry Moth, Paralobesia Viteana. Journal of Chemical Ecology, 2019, 45, 946-958.	1.8	3
24	A Multiple-Choice Bioassay Approach for Rapid Screening of Key Attractant Volatiles. Environmental Entomology, 2018, 47, 946-950.	1.4	12
25	Comparison of Commercial Lures and Food Baits for Early Detection of Fruit Infestation Risk by Drosophila suzukii (Diptera: Drosophilidae). Journal of Economic Entomology, 2018, 111, 645-652.	1.8	32
26	Evaluating a pushâ€“pull strategy for management of Drosophila suzukii Matsumura in red raspberry. Pest Management Science, 2018, 74, 120-125.	3.4	43
27	Identification of a New Blend of Host Fruit Volatiles from Red Downy Hawthorn, Crataegus mollis, Attractive to Rhagoletis pomonella Flies from the Northeastern United States. Journal of Chemical Ecology, 2018, 44, 671-680.	1.8	4
28	Identification of Host Fruit Volatiles from Snowberry (Symphoricarpos albus), Attractive to Rhagoletis zephyria Flies from the Western United States. Journal of Chemical Ecology, 2017, 43, 188-197.	1.8	12
29	Effect of Chemical Ratios of a Microbial-Based Feeding Attractant on Trap Catch of Drosophila suzukii (Diptera: Drosophilidae). Environmental Entomology, 2017, 46, 907-915.	1.4	28
30	Robust Manipulations of Pest Insect Behavior Using Repellents and Practical Application for Integrated Pest Management. Environmental Entomology, 2017, 46, 1041-1050.	1.4	31
31	Comparative Responses of Rhagoletis zephyria and Rhagoletis pomonella (Diptera: Tephritidae) to Commercial and Experimental Sticky Traps and Odors in Washington State. Environmental Entomology, 2017, 46, 1351-1358.	1.4	1
32	Behavioral response of spottedâ€wing drosophila, Drosophila suzukii Matsumura, to aversive odors and a potential oviposition deterrent in the field. Pest Management Science, 2016, 72, 701-706.	3.4	62
33	Darwinâ€™s finches treat their feathers with a natural repellent. Scientific Reports, 2016, 6, 34559.	3.3	29
34	Identification and Optimization of Microbial Attractants for Philornis downsi, an Invasive Fly Parasitic on Galapagos Birds. Journal of Chemical Ecology, 2016, 42, 1101-1111.	1.8	19
35	(Z)-11-hexadecenal Attracts MaleHecatera dysodea(Denis and SchiffermÃ¼ller) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	0.2	1
36	Simpler is better: fewer nonâ€target insects trapped with a fourâ€component chemical lure vs. a chemically more complex foodâ€type bait for <scp>D</scp>rosophila suzukii. Entomologia Experimentalis Et Applicata, 2015, 154, 251-260.	1.4	52

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37	Synergistic Trap Response of the False Stable Fly and Little House Fly (Diptera: Muscidae) to Acetic Acid and Ethanol, Two Principal Sugar Fermentation Volatiles. Environmental Entomology, 2015, 44, 1441-1448.	1.4	11
38	From a nonâ€target to a target: identification of a fermentation volatile blend attractive to Zaprionus indianus. Journal of Applied Entomology, 2015, 139, 114-122.	1.8	13
39	Ammonium Carbonate Is More Attractive Than Apple and Hawthorn Fruit Volatile Lures toRhagoletis pomonella(Diptera: Tephritidae) in Washington State. Environmental Entomology, 2014, 43, 957-968.	1.4	12
40	Trapping the African Fig Fly (Diptera: Drosophilidae) with Combinations of Vinegar and Wine. Florida Entomologist, 2014, 97, 85-89.	0.5	12
41	Attraction of the Orange Mint Moth and False Celery Leaftier Moth (Lepidoptera: Crambidae) to Floral Chemical Lures. Journal of Economic Entomology, 2014, 107, 654-660.	1.8	13
42	N-Butyl Sulfide as an Attractant and Coattractant for Male and Female Codling Moth (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	19
43	A four-component synthetic attractant for Drosophila suzukii (Diptera: Drosophilidae) isolated from fermented bait headspace. Pest Management Science, 2014, 70, 324-331.	3.4	137
44	Chemical and behavioral analysis of the cuticular hydrocarbons from Asian citrus psyllid, Diaphorina citri. Insect Science, 2013, 20, 367-378.	3.0	32
45	Comparison of a Synthetic Chemical Lure and Standard Fermented Baits for TrappingDrosophila suzukii(Diptera: Drosophilidae). Environmental Entomology, 2013, 42, 1052-1060.	1.4	56
46	Influence of Trap Design on Upwind Flight Behavior and Capture of Female Grape Berry Moth (Lepidoptera: Tortricidae) With a Kairomone Lure. Environmental Entomology, 2013, 42, 150-157.	1.4	8
47	BEHAVIORAL EVIDENCE FOR FRUIT ODOR DISCRIMINATION AND SYMPATRIC HOST RACES OFRHAGOLETIS POMONELLAFLIES IN THE WESTERN UNITED STATES. Evolution; International Journal of Organic Evolution, 2012, 66, 3632-3641.	2.3	25
48	Identification and Field Evaluation of Fermentation Volatiles from Wine and Vinegar that Mediate Attraction of Spotted Wing Drosophila, Drosophila suzukii. Journal of Chemical Ecology, 2012, 38, 1419-1431.	1.8	144
49	Identification of Host Fruit Volatiles from Domestic Apple (Malus domestica), Native Black Hawthorn (Crataegus douglasii) and Introduced Ornamental Hawthorn (C. monogyna) Attractive to Rhagoletis pomonella Flies from the Western United States. Journal of Chemical Ecology, 2012, 38, 319-329.	1.8	21
50	Protein storage and root:shoot reallocation provide tolerance to damage in a hybrid willow system. Oecologia, 2012, 169, 49-60.	2.0	20
51	ON THE SCENT OF STANDING VARIATION FOR SPECIATION: BEHAVIORAL EVIDENCE FOR NATIVE SYMPATRIC HOST RACES OF RHAGOLETIS POMONELLA (DIPTERA: TEPHRITIDAE) IN THE SOUTHERN UNITED STATES. Evolution; International Journal of Organic Evolution, 2012, 66, 2739-2756.	2.3	30
52	Geographic variation in fruit volatiles emitted by the hawthorn <scp>C</scp>rataegus mollis and its consequences for host race formation in the apple maggot fly, <scp>R</scp>hagoletis pomonella. Entomologia Experimentalis Et Applicata, 2012, 143, 254-268.	1.4	13
53	Eavesdropping on Plant Volatiles by a Specialist Moth: Significance of Ratio and Concentration. PLoS ONE, 2011, 6, e17033.	2.5	73
54	Electrophysiological and behavioral identification of a volatile blend involved in host location of female strawberry sap beetle, Stelidota geminata. Entomologia Experimentalis Et Applicata, 2011, 140, 153-162.	1.4	6

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55	Identification of Host Fruit Volatiles from Three Mayhaw Species (Crataegus Series Aestivales) Attractive to Mayhaw-Origin Rhagoletis pomonella Flies in the Southern United States. Journal of Chemical Ecology, 2011, 37, 961-73.	1.8	18
56	Identification of Fruit Volatiles from Green Hawthorn (Crataegus Viridis) and Blueberry Hawthorn (Crataegus Brachyacantha) Host Plants Attractive to Different Phenotypes of Rhagoletis Pomonella Flies in the Southern United States. Journal of Chemical Ecology, 2011, 37, 974-83.	1.8	18
57	Monitoring Grape Berry Moth (Paralobesia viteana: Lepidoptera) in Commercial Vineyards using a Host Plant Based Synthetic Lure. Environmental Entomology, 2011, 40, 1511-1522.	1.4	10
58	Red oak responses to nitrogen addition depend on herbivory type, tree family, and site. Forest Ecology and Management, 2010, 259, 1930-1937.	3.2	12
59	Do exotic generalist predators alter host plant preference of a native willow beetle?. Agricultural and Forest Entomology, 2009, 11, 175-184.	1.3	6
60	Flight Tunnel Responses of Female Grape Berry Moth (Paralobesia viteana) to Host Plants. Journal of Chemical Ecology, 2008, 34, 622-627.	1.8	28
61	Identification and Field Evaluation of Grape Shoot Volatiles Attractive to Female Grape Berry Moth (Paralobesia viteana). Journal of Chemical Ecology, 2008, 34, 1180-1189.	1.8	91