

Qing-He Zhang

List of Publications by Year in descending order

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62
papers

2,089
citations

218677

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243625

44
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docs citations

62
times ranked

1356
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Synergistic attraction of kleptoparasitic flies, <i>Desmometopa</i> spp. (Diptera: Milichiidae) to two vespid venom volatiles, trans-conophthorin and N-(3-methylbutyl)acetamide. <i>Chemoecology</i> , 2022, 32, 89-94. | 1.1 | 1 |
| 2 | Identification and Expression Profile of Chemosensory Receptor Genes in <i>Aromia bungii</i> (Faldernmann) Antennal Transcriptome. <i>Insects</i> , 2022, 13, 96. | 2.2 | 8 |
| 3 | Functional investigation of monoterpenes for improved understanding of the relationship between hosts and bark beetles. <i>Journal of Applied Entomology</i> , 2021, 145, 303-311. | 1.8 | 15 |
| 4 | Chemical signal interactions of the bark beetle with fungal symbionts, and host/non-host trees. <i>Journal of Experimental Botany</i> , 2020, 71, 6084-6091. | 4.8 | 10 |
| 5 | Identification and Expression Patterns of <i>Anoplophora chinensis</i> (Forster) Chemosensory Receptor Genes from the Antennal Transcriptome. <i>Frontiers in Physiology</i> , 2018, 9, 90. | 2.8 | 25 |
| 6 | Pheromone trapping the nun moth, <i>Lymantria monacha</i> (Lepidoptera: Lymantriidae) in Inner Mongolia, China. <i>Insect Science</i> , 2017, 24, 631-639. | 3.0 | 6 |
| 7 | Pharmacophagy in green lacewings (Neuroptera: Chrysopidae: <i>Chrysopa</i> spp.)?. <i>PeerJ</i> , 2016, 4, e1564. | 2.0 | 10 |
| 8 | Population divergence of aggregation pheromone responses in <i>Ips subelongatus</i> in northeastern China. <i>Insect Science</i> , 2016, 23, 728-738. | 3.0 | 11 |
| 9 | Discovery and Development of Chemical Attractants Used to Trap Pestiferous Social Wasps (Hymenoptera: Vespidae). <i>Journal of Chemical Ecology</i> , 2016, 42, 655-665. | 1.8 | 30 |
| 10 | Chemical Ecology of Neuroptera. <i>Annual Review of Entomology</i> , 2016, 61, 197-218. | 11.8 | 26 |
| 11 | Serendipitous, cross familial discovery of the first long-range chemical attractants for antlions (Neuroptera: Myrmeleontidae): (1R,2S,5R,8R)-iridodial and Z,E-nepetalactol. <i>Frontiers in Ecology and Evolution</i> , 2015, 2, . | 2.2 | 6 |
| 12 | Reproductive Isolation of <i>Ips nitidus</i> and <i>I. shangrila</i> in Mountain Forests of Western China: Responses to Chiral and Achiral Candidate Pheromone Components. <i>Journal of Chemical Ecology</i> , 2015, 41, 678-688. | 1.8 | 6 |
| 13 | Semiochemistry of <i>Dendroctonus armandi</i> Tsai and Li (Coleoptera: Curculionidae: Scolytinae): both female-produced aggregation pheromone and host tree kairomone are critically important. <i>Chemoecology</i> , 2015, 25, 135-145. | 1.1 | 18 |
| 14 | North American Invasion of the Tawny Crazy Ant (<i>Nylanderia fulva</i>) Is Enabled by Pheromonal Synergism from Two Separate Glands. <i>Journal of Chemical Ecology</i> , 2015, 41, 853-858. | 1.8 | 6 |
| 15 | Sex pheromone of the tea aphid, <i>Toxoptera aurantii</i> (Boyer de Fonscolombe) (Hemiptera: Aphididae). <i>Chemoecology</i> , 2014, 24, 179-187. | 1.1 | 7 |
| 16 | Essential oils and their compositions as spatial repellents for pestiferous social wasps. <i>Pest Management Science</i> , 2013, 69, 542-552. | 3.4 | 44 |
| 17 | 2-methyl-3-buten-2-ol: A Pheromone Component of Conifer Bark Beetles Found in the Bark of Nonhost Deciduous Trees. <i>Psyche: Journal of Entomology</i> , 2012, 2012, 1-7. | 0.9 | 2 |
| 18 | Attraction of the tea aphid, <i>Toxoptera aurantii</i> , to combinations of volatiles and colors related to tea plants. <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 258-269. | 1.4 | 32 |

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|----|--|-----|-----------|
| 19 | Chemical Ecology of Bark Beetles in Regard to Search and Selection of Host Trees. , 2011, , 150-190. | | 11 |
| 20 | Aggregation pheromone of the Oriental spruce engraver <i>Pseudips orientalis</i> . <i>Agricultural and Forest Entomology</i> , 2011, 13, 67-75. | 1.3 | 3 |
| 21 | Field responses of the Asian larch bark beetle, <i>Ips subelongatus</i> , to potential aggregation pheromone components: disparity between two populations in northeastern China. <i>Insect Science</i> , 2011, 18, 311-319. | 3.0 | 10 |
| 22 | Evaluation of herbivore-induced plant volatiles for monitoring green lacewings in Washington apple orchards. <i>Biological Control</i> , 2011, 56, 98-105. | 3.0 | 70 |
| 23 | Olfactory and visual responses of the longlegged chafer <i>Hoplia spectabilis</i> Medvedev (Coleoptera: Scarabaeidae) in Qinghai Province, China. <i>Pest Management Science</i> , 2011, 67, 162-169. | 3.4 | 11 |
| 24 | Catching <i>Ips duplicatus</i> (Sahlberg) (Coleoptera: Scolytidae) with pheromone-baited traps: optimal trap type, colour, height and distance to infestation. <i>Pest Management Science</i> , 2010, 66, 213-219. | 3.4 | 32 |
| 25 | Synergistic sex pheromone components of the grey-spotted tussock moth, <i>Orgyia ericae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2010, 136, 227-234. | 1.4 | 3 |
| 26 | Inhibition of Predator Attraction to Kairomones by Non-Host Plant Volatiles for Herbivores: A Bypass-Trophic Signal. <i>PLoS ONE</i> , 2010, 5, e11063. | 2.5 | 13 |
| 27 | Peripheral modulation of pheromone response by inhibitory host compound in a beetle. <i>Journal of Experimental Biology</i> , 2010, 213, 3332-3339. | 1.7 | 68 |
| 28 | Aggregation Pheromone of the Qinghai Spruce Bark Beetle, <i>Ips nitidus</i> Eggers. <i>Journal of Chemical Ecology</i> , 2009, 35, 610-617. | 1.8 | 13 |
| 29 | Prothoracic Gland Semiochemicals of Green Lacewings. <i>Journal of Chemical Ecology</i> , 2009, 35, 1181-1187. | 1.8 | 14 |
| 30 | Aggregation pheromone of a newly described spruce bark beetle, <i>Ips shangrila</i> Cognato and Sun, from China. <i>Chemoecology</i> , 2009, 19, 203-210. | 1.1 | 7 |
| 31 | Sex Pheromone of the Plant Bug, <i>Phytocoris calli</i> Knight. <i>Journal of Chemical Ecology</i> , 2008, 34, 719-724. | 1.8 | 34 |
| 32 | GC-EAD responses to semiochemicals by eight beetles in the subcortical community associated with Monterey pine trees in coastal California: similarities and disparities across three trophic levels. <i>Chemoecology</i> , 2008, 18, 243-254. | 1.1 | 18 |
| 33 | Female Goldeneyed Lacewings (Neuroptera: Chrysopidae) Approach but Seldom Enter Traps Baited with the Male-Produced Compound Iridodial. <i>Journal of Economic Entomology</i> , 2007, 100, 1751-1755. | 1.8 | 13 |
| 34 | Electrophysiological and Behavioral Responses of <i>Ips subelongatus</i> to Semiochemicals from Its Hosts, Non-hosts, and Conspecifics in China. <i>Journal of Chemical Ecology</i> , 2007, 33, 391-404. | 1.8 | 32 |
| 35 | Electrophysiological and Behavioral Responses of <i>Ips duplicatus</i> to Aggregation Pheromone in Inner Mongolia, China: Amitinol as a Potential Pheromone Component. <i>Journal of Chemical Ecology</i> , 2007, 33, 1303-1315. | 1.8 | 19 |
| 36 | Genetic comparison of <i>Ips duplicatus</i> (Sahlberg, 1836) (Coleoptera: Curculionidae, Scolytinae) populations from Europe and Asia. <i>Journal of Forest Research</i> , 2007, 12, 345-349. | 1.4 | 15 |

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|----|--|-----|-----------|
| 37 | Antennal and Behavioral Responses of <i>Lygus lineolaris</i> (Palisot de Beauvois) (Heteroptera: Miridae) to Metathoracic Scent Gland Compounds. <i>Journal of Entomological Science</i> , 2007, 42, 92-104. | 0.3 | 17 |
| 38 | Male-Produced Pheromone of the Green Lacewing, <i>Chrysopa nigricornis</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 2163-2176. | 1.8 | 29 |
| 39 | Iridodial: a powerful attractant for the green lacewing, <i>Chrysopa septempunctata</i> (Neuroptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 | 1.6 | 39 |
| 40 | Attraction of Scavenging Chloropid and Milichiid Flies (Diptera) to Metathoracic Scent Gland Compounds of Plant Bugs (Heteroptera: Miridae). <i>Environmental Entomology</i> , 2004, 33, 12-20. | 1.4 | 21 |
| 41 | Olfactory recognition and behavioural avoidance of angiosperm nonhost volatiles by conifer-inhabiting bark beetles. <i>Agricultural and Forest Entomology</i> , 2004, 6, 1-20. | 1.3 | 297 |
| 42 | Semiochemistry of the Goldeneyed Lacewing <i>Chrysopa oculata</i> : Attraction of Males to a Male-Produced Pheromone. <i>Journal of Chemical Ecology</i> , 2004, 30, 1849-1870. | 1.8 | 34 |
| 43 | Iridodials: enantiospecific synthesis and stereochemical assignment of the pheromone for the golden-eyed lacewing, <i>Chrysopa oculata</i> . <i>Tetrahedron Letters</i> , 2004, 45, 3339-3340. | 1.4 | 24 |
| 44 | Synergistic Chemical Attraction of the Eastern Yellowjacket, <i>Vespula maculifrons</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 | 0.8 | 8 |
| 45 | Pheromones of milkweed bugs (Heteroptera: Lygaeidae) attract wayward plant bugs: <i>Phytocoris mirid</i> sex pheromone. <i>Journal of Chemical Ecology</i> , 2003, 29, 1835-1851. | 1.8 | 32 |
| 46 | Male-produced anti-sex pheromone in a plant bug. <i>Die Naturwissenschaften</i> , 2003, 90, 505-508. | 1.6 | 37 |
| 47 | Redundancy, synergism, and active inhibitory range of non-host volatiles in reducing pheromone attraction in European spruce bark beetle <i>Ips typographus</i> . <i>Oikos</i> , 2003, 101, 299-310. | 2.7 | 97 |
| 48 | Interruption of aggregation pheromone in <i>Ips typographus</i> (L.) (Col. Scolytidae) by non-host bark volatiles. <i>Agricultural and Forest Entomology</i> , 2003, 5, 145-153. | 1.3 | 35 |
| 49 | Enantiospecific antennal response of bark beetles to spiroacetal (E)-conophthorin. <i>Journal of Chemical Ecology</i> , 2002, 28, 1839-1852. | 1.8 | 40 |
| 50 | A model for peak and width of signaling windows: <i>Ips duplicatus</i> and <i>Chilo partellus</i> pheromone component proportions--does response have a wider window than production?. <i>Journal of Chemical Ecology</i> , 2001, 27, 1481-1511. | 1.8 | 20 |
| 51 | Olfactory responses of <i>Ips duplicatus</i> from inner Mongolia, China to nonhost leaf and bark volatiles. <i>Journal of Chemical Ecology</i> , 2001, 27, 995-1009. | 1.8 | 57 |
| 52 | Title is missing!. <i>Integrated Pest Management Reviews</i> , 2001, 6, 185-196. | 0.1 | 61 |
| 53 | Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 841-858. | 1.8 | 38 |
| 54 | Strategies of a bark beetle, <i>Pityogenes bidentatus</i> , in an olfactory landscape. <i>Die Naturwissenschaften</i> , 2000, 87, 503-507. | 1.6 | 68 |

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|----|--|-----|-----------|
| 55 | Bark volatiles from nonhost angiosperm trees of spruce bark beetle, <i>Ips typographus</i> (L.) (Coleoptera: Tj ETQq1 1 0.784314 ggBT /Over | 1.1 | 84 |
| 56 | ELECTROPHYSIOLOGICAL AND BEHAVIOURAL RESPONSES OF <i>TOMICUS PINIPERDA</i> AND <i>TOMICUS MINOR</i> (COLEOPTERA: SCOLYTIDAE) TO NON-HOST LEAF AND BARK VOLATILES. Canadian Entomologist, 2000, 132, 965-981. | 0.8 | 50 |
| 57 | Green Leaf Volatiles Interrupt Pheromone Response of Spruce Bark Beetle, <i>Ips typographus</i> . Journal of Chemical Ecology, 1999, 25, 2847-2861. | 1.8 | 91 |
| 58 | Title is missing!. Journal of Chemical Ecology, 1999, 25, 1923-1943. | 1.8 | 88 |
| 59 | Female calling behaviour and male response to the sex pheromone in <i>Thaumetopoea pityocampa</i> (Den. & Schiff.) (Lep., Thaumetopoeidae). Journal of Applied Entomology, 1998, 122, 353-360. | 1.8 | 29 |
| 60 | Diurnal and seasonal flight activity of males and population dynamics of fall webworm moth, <i>Hyphantria cunea</i> , (Drury) (Lep., Arctiidae) monitored by pheromone traps. Journal of Applied Entomology, 1998, 122, 523-532. | 1.8 | 14 |
| 61 | Volatiles from Nonhost Birch Trees Inhibit Pheromone Response in Spruce Bark Beetles. Die Naturwissenschaften, 1998, 85, 557-561. | 1.6 | 104 |
| 62 | High recaptures and long sampling range of pheromone traps for fall web worm moth <i>Hyphantria cunea</i> (Lepidoptera: Arctiidae) males. Journal of Chemical Ecology, 1996, 22, 1783-1796. | 1.8 | 26 |