

# Yunfan Zou

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

565  
citations

516710

16  
h-index

713466

21  
g-index

41  
all docs

41  
docs citations

41  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Trisubstituted Tetrahydropyran as a Possible Pheromone Component for the South American Cerambycid Beetle <i>Macropophora accentifer</i> . <i>Journal of Chemical Ecology</i> , 2022, 48, 569-582.	1.8	2
2	Field Trials With Blends of Pheromones of Native and Invasive Cerambycid Beetle Species. <i>Environmental Entomology</i> , 2021, 50, 1294-1298.	1.4	4
3	Enantioselective sensing of insect pheromones in water. <i>Chemical Communications</i> , 2021, 57, 13341-13344.	4.1	4
4	Pheromone Composition and Chemical Ecology of Six Species of Cerambycid Beetles in the Subfamily Lamiinae. <i>Journal of Chemical Ecology</i> , 2020, 46, 30-39.	1.8	16
5	Complex Blends of Synthetic Pheromones are Effective Multi-Species Attractants for Longhorned Beetles (Coleoptera: Cerambycidae). <i>Journal of Economic Entomology</i> , 2020, 113, 2269-2275.	1.8	13
6	Identification of a hyperactive pheromone analog in field tests of pheromone mimics for two click beetle species in the genus <i>Cardiophorus</i> (Coleoptera: Elateridae). <i>Chemoecology</i> , 2020, 30, 297-304.	1.1	3
7	Enantiomers of fuscumol acetate comprise the aggregation-sex pheromone of the South American cerambycid beetle <i>Psapharochrus maculatissimus</i> , and likely pheromones of the cerambycids <i>Eupromerella plaumanni</i> and <i>Hylettus seniculus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 915-921.	1.4	5
8	The Role of Minor Pheromone Components in Segregating 14 Species of Longhorned Beetles (Coleoptera: Cerambycidae) of the Subfamily Cerambycinae. <i>Journal of Economic Entomology</i> , 2019, 112, 2236-2252.	1.8	22
9	Identification of the aggregation-sex pheromone of <i>Plagionotus arcuatus</i> ssp. <i>arcuatus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 227 T	1.6	3
10	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.	3.7	11
11	Isolation and identification of a male-produced aggregation-sex pheromone for the velvet longhorned beetle, <i>Trichoferus campestris</i> . <i>Scientific Reports</i> , 2019, 9, 4459.	3.3	14
12	The aggregation-sex pheromones of the cerambycid beetles <i>Anaglyptus mysticus</i> and <i>Xylotrechus antilope</i> ssp. <i>antilope</i> : new model species for insect conservation through pheromone-based monitoring. <i>Chemoecology</i> , 2019, 29, 111-124.	1.1	7
13	Identification of Aggregation-Sex Pheromone Components for a "Living Fossil", the False Click Beetle, <i>Palaeoxenus dohnyi</i> Horn (Coleoptera: Eucnemidae). <i>Journal of Chemical Ecology</i> , 2019, 45, 366-370.	1.8	1
14	A male-produced aggregation-sex pheromone of the beetle <i>Arhopalus rusticus</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T	3.3	5
15	Evidence of Aggregation-Sex Pheromone Use by Longhorned Beetles (Coleoptera: Cerambycidae) Species Native to Africa. <i>Environmental Entomology</i> , 2019, 48, 189-192.	1.4	8
16	Pheromone identification by proxy: identification of aggregation-sex pheromones of North American cerambycid beetles as a strategy to identify pheromones of invasive Asian congeners. <i>Journal of Pest Science</i> , 2019, 92, 213-220.	3.7	17
17	Identification of Sex Pheromones and Sex Pheromone Mimics for Two North American Click Beetle Species (Coleoptera: Elateridae) in the Genus <i>Cardiophorus</i> Esch.. <i>Journal of Chemical Ecology</i> , 2018, 44, 327-338.	1.8	21
18	Identifying Possible Pheromones of Cerambycid Beetles by Field Testing Known Pheromone Components in Four Widely Separated Regions of the United States. <i>Journal of Economic Entomology</i> , 2018, 111, 252-259.	1.8	31

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19	The Rare North American Cerambycid Beetle <i>Dryobius sexnotatus</i> Shares a Novel Pyrrole Pheromone Component with Species in Asia and South America. <i>Journal of Chemical Ecology</i> , 2017, 43, 739-744.	1.8	13
20	Aggregation-Sex Pheromones and Likely Pheromones of 11 South American Cerambycid Beetles, and Partitioning of Pheromone Channels. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	17
21	Evaluation of Methods Used in Testing Attraction of Cerambycid Beetles to Pheromone-Baited Traps. <i>Journal of Economic Entomology</i> , 2017, 110, 2269-2274.	1.8	12
22	Novel, male-produced aggregation pheromone of the cerambycid beetle <i>Rosalia alpina</i> , a priority species of European conservation concern. <i>PLoS ONE</i> , 2017, 12, e0183279.	2.5	19
23	The Influence of Host Plant Volatiles on the Attraction of Longhorn Beetles to Pheromones. <i>Journal of Chemical Ecology</i> , 2016, 42, 215-229.	1.8	52
24	Likely Aggregation-Sex Pheromones of the Invasive Beetle <i>Callidiellum villosulum</i> , and the Related Asian Species <i>Allotraeus asiaticus</i> , <i>Semanotus bifasciatus</i> , and <i>Xylotrechus buqueti</i> (Coleoptera: Cerambycidae). <i>Journal of Economic Entomology</i> , 2016, 109, 2243-2246.	1.8	18
25	Synergism between Enantiomers Creates Species-Specific Pheromone Blends and Minimizes Cross-Attraction for Two Species of Cerambycid Beetles. <i>Journal of Chemical Ecology</i> , 2016, 42, 1181-1192.	1.8	31
26	(2 <i>R</i> ,3 <i>S</i> )-2,3-Octanediol, a Female-Produced Sex Pheromone of <i>Megopis costipennis</i> (Coleoptera: Cerambycidae: Prioninae). <i>Environmental Entomology</i> , 2016, 45, 223-228.	1.4	13
27	Identification of a Pheromone Component and a Critical Synergist for the Invasive Beetle <i>Callidiellum rufipenne</i> (Coleoptera: Cerambycidae). <i>Environmental Entomology</i> , 2016, 45, 216-222.	1.4	28
28	Chemistry of the pheromones of mealybug and scale insects. <i>Natural Product Reports</i> , 2015, 32, 1067-1113.	10.3	33
29	(2 <i>S</i> ,4 <i>E</i> )-2-Hydroxy-4-octen-3-one, a Male-Produced Attractant Pheromone of the Cerambycid Beetle <i>Tylonotus bimaculatus</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 670-677.	1.8	18
30	Candidate Attractant Pheromones of Two Potentially Invasive Asian Cerambycid Species in the Genus <i>Xylotrechus</i> . <i>Journal of Economic Entomology</i> , 2015, 108, 1444-1446.	1.8	13
31	Irregular Terpenoids as Mealybug and Scale Pheromones: Chemistry and Applications. <i>ACS Symposium Series</i> , 2013, , 125-143.	0.5	1
32	( <i>S</i> )-fusicumol and ( <i>S</i> )-fusicumol acetate produced by a male <i>Astyleiopus variegatus</i> (Coleoptera: Cerambycidae). <i>Canadian Entomologist</i> , 2013, 145, 327-332.	0.8	20
33	Stereoselective synthesis of the obscure mealybug pheromone by hydrogenation of a tetrasubstituted alkene precursor. <i>Tetrahedron Letters</i> , 2011, 52, 4224-4226.	1.4	11
34	Improved synthesis of (9 <i>Z</i> )-9,13-tetradecadien-11-ynal, the sex pheromone of the avocado seed moth, <i>Stenoma catenifer</i> . <i>Tetrahedron Letters</i> , 2010, 51, 1336-1337.	1.4	5
35	Improved Synthesis of the Pheromone of the Longtailed Mealybug. <i>Synlett</i> , 2010, 2010, 2319-2321.	1.8	7
36	Synthesis and Bioassay of Racemic and Chiral <i>trans</i> - $\beta$ -Necrotyl Isobutyrate, the Sex Pheromone of the Grape Mealybug <i>Pseudococcus maritimus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 4977-4982.	5.2	20

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37	Synthesis and Field Evaluation of the Sex Pheromone of <i>Stenoma catenifer</i> (Lepidoptera: Tortricidae) (Lepidoptera: Tortricidae) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	10
38	Synthesis of the Pheromone of the Longtailed Mealybug, a Sterically Congested, Irregular Monoterpenoid. <i>Journal of Organic Chemistry</i> , 2009, 74, 7207-7209.	3.2	19
39	(9Z)-9,13-Tetradecadien-11-ynal, the sex pheromone of the avocado seed moth, <i>Stenoma catenifer</i> . <i>Tetrahedron Letters</i> , 2008, 49, 4820-4823.	1.4	17
40	Preparation of methyl ester precursors of biologically active agents. <i>BioTechniques</i> , 2008, 44, 377-384.	1.8	1