

# Jared Gregory Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,255  
citations

394421

19  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specialist versus generalist insect herbivores and plant defense. <i>Trends in Plant Science</i> , 2012, 17, 293-302.	8.8	634
2	Induced Release of a Plant-Defense Volatile "Deceptively"™ Attracts Insect Vectors to Plants Infected with a Bacterial Pathogen. <i>PLoS Pathogens</i> , 2012, 8, e1002610.	4.7	244
3	Subterranean Herbivore-induced Volatiles Released by Citrus Roots upon Feeding by <i>Diaprepes abbreviatus</i> Recruit Entomopathogenic Nematodes. <i>Journal of Chemical Ecology</i> , 2010, 36, 361-368.	1.8	166
4	Constitutive and induced subterranean plant volatiles attract both entomopathogenic and plant parasitic nematodes. <i>Journal of Ecology</i> , 2011, 99, 26-35.	4.0	155
5	Ecology and Evolution of Soil Nematode Chemotaxis. <i>Journal of Chemical Ecology</i> , 2012, 38, 615-628.	1.8	118
6	Subterranean, Herbivore-Induced Plant Volatile Increases Biological Control Activity of Multiple Beneficial Nematode Species in Distinct Habitats. <i>PLoS ONE</i> , 2012, 7, e38146.	2.5	99
7	Asymmetry of plant-mediated interactions between specialist aphids and caterpillars on two milkweeds. <i>Functional Ecology</i> , 2014, 28, 1404-1412.	3.6	98
8	Interspecific Nematode Signals Regulate Dispersal Behavior. <i>PLoS ONE</i> , 2012, 7, e38735.	2.5	79
9	Generalising indirect defence and resistance of plants. <i>Ecology Letters</i> , 2020, 23, 1137-1152.	6.4	53
10	Stomata-mediated interactions between plants, herbivores, and the environment. <i>Trends in Plant Science</i> , 2022, 27, 287-300.	8.8	51
11	An Amino Acid Substitution Inhibits Specialist Herbivore Production of an Antagonist Effector and Recovers Insect-Induced Plant Defenses . . . <i>Plant Physiology</i> , 2012, 160, 1468-1478.	4.8	48
12	Induced Plant Defenses Against Herbivory in Cultivated and Wild Tomato. <i>Journal of Chemical Ecology</i> , 2019, 45, 693-707.	1.8	47
13	Airborne signals synchronize the defenses of neighboring plants in response to touch. <i>Journal of Experimental Botany</i> , 2019, 70, 691-700.	4.8	46
14	Sending Mixed Messages: A Trophic Cascade Produced by a Belowground Herbivore-Induced Cue. <i>Journal of Chemical Ecology</i> , 2013, 39, 1140-1147.	1.8	41
15	Chemical cues linked to risk: Cues from belowground natural enemies enhance plant defences and influence herbivore behaviour and performance. <i>Functional Ecology</i> , 2019, 33, 798-808.	3.6	35
16	Silencing the alarm: an insect salivary enzyme closes plant stomata and inhibits volatile release. <i>New Phytologist</i> , 2021, 230, 793-803.	7.3	34
17	Aboveground herbivory by red milkweed beetles facilitates above- and belowground conspecific insects and reduces fruit production in common milkweed. <i>Journal of Ecology</i> , 2014, 102, 1038-1047.	4.0	27
18	The Role of Root-Produced Volatile Secondary Metabolites in Mediating Soil Interactions. , 0, , .		26

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19	Analyzing spatial patterns linked to the ecology of herbivores and their natural enemies in the soil. <i>Frontiers in Plant Science</i> , 2013, 4, 378.	3.6	22
20	Choosy mothers pick challenging plants: maternal preference and larval performance of a specialist herbivore are not linked. <i>Ecological Entomology</i> , 2017, 42, 33-41.	2.2	22
21	Asymmetry in Herbivore Effector Responses: Caterpillar Frass Effectors Reduce Performance of a Subsequent Herbivore. <i>Journal of Chemical Ecology</i> , 2020, 46, 76-83.	1.8	18
22	Female spotted cucumber beetles use own cuticular hydrocarbon signature to choose immunocompatible mates. <i>Animal Behaviour</i> , 2010, 80, 9-12.	1.9	17
23	Mycorrhizal composition influences plant anatomical defense and impacts herbivore growth and survival in a life-stage dependent manner. <i>Pedobiologia</i> , 2018, 66, 29-35.	1.2	17
24	Trade-offs and tritrophic consequences of host shifts in specialized root herbivores. <i>Functional Ecology</i> , 2017, 31, 153-160.	3.6	16
25	Asymmetric effects of a leaf-chewing herbivore on aphid population growth. <i>Ecological Entomology</i> , 2019, 44, 81-92.	2.2	16
26	Transcriptomic and volatile signatures associated with maize defense against corn leaf aphid. <i>BMC Plant Biology</i> , 2021, 21, 138.	3.6	13
27	Impacts of larval host plant species on dispersal traits and free-flight energetics of adult butterflies. <i>Communications Biology</i> , 2022, 5, 469.	4.4	13
28	Susceptibility of wounded and intact black soldier fly <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae) to entomopathogenic nematodes. <i>Journal of Invertebrate Pathology</i> , 2017, 150, 121-129.	3.2	10
29	Plant Bio-Wars: Maize Protein Networks Reveal Tissue-Specific Defense Strategies in Response to a Root Herbivore. <i>Journal of Chemical Ecology</i> , 2018, 44, 727-745.	1.8	10
30	Plant Nutrition Influences Resistant Maize Defense Responses to the Fall Armyworm (Spodoptera) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14</i>	2.2	10
31	â€Tuningâ€™ communication among four trophic levels of the root biome to facilitate biological control. <i>Biological Control</i> , 2019, 131, 49-53.	3.0	9
32	Top-down effects from parasitoids may mediate plant defence and plant fitness. <i>Functional Ecology</i> , 2020, 34, 1767-1778.	3.6	9
33	The role of toxic nectar secondary compounds in driving differential bumble bee preferences for milkweed flowers. <i>Oecologia</i> , 2020, 193, 619-630.	2.0	8
34	Cover Crop Soil Legacies Alter Phytochemistry and Resistance to Fall Armyworm (Lepidoptera:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14</i>	1.4	8
35	Identification of plant semiochemicals and evaluation of their interactions with early spring insect pests of asparagus. <i>Journal of Plant Interactions</i> , 2016, 11, 11-19.	2.1	7
36	Herbivore-induced plant volatiles mediate behavioral interactions between a leaf-chewing and a phloem-feeding herbivore. <i>Basic and Applied Ecology</i> , 2021, 53, 39-48.	2.7	7

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37	Chemical Cues from Entomopathogenic Nematodes Vary Across Three Species with Different Foraging Strategies, Triggering Different Behavioral Responses in Prey and Competitors. <i>Journal of Chemical Ecology</i> , 2021, 47, 822-833.	1.8	6
38	Female Choice by Scent Recognition in the Spotted Cucumber Beetle.. <i>Ethology</i> , 2006, 112, 300-306.	1.1	5
39	Feeding and oviposition by the brown marmorated stink bug, <i>Halyomorpha halys</i> (Stål) induce direct and systemic changes in volatile compound emissions from potted peach and tree of heaven. <i>Arthropod-Plant Interactions</i> , 2022, 16, 227-247.	1.1	5
40	Chemical Ecology of Multitrophic Microbial Interactions: Plants, Insects, Microbes and the Metabolites that Connect Them. <i>Journal of Chemical Ecology</i> , 2020, 46, 645-648.	1.8	4
41	Plant Cues and Factors Influencing the Behaviour of Beneficial Nematodes as a Belowground Indirect Defense. <i>Advances in Botanical Research</i> , 2015, 75, 191-214.	1.1	2