

Jeremy D Allison

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,461
citations

430874

18
h-index

377865

34
g-index

78
all docs

78
docs citations

78
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of insect visual opsin genes with specific consideration of the influence of ocelli and life history traits. <i>Bmc Ecology and Evolution</i> , 2022, 22, 2.	1.6	9
2	Remnants of horizontal transfers of <i>Wolbachia</i> genes in a <i>Wolbachia</i> -free woodwasp. <i>Bmc Ecology and Evolution</i> , 2022, 22, 36.	1.6	0
3	Chemical and visual ecology of the Symphyta. <i>Agricultural and Forest Entomology</i> , 2022, 24, 453-465.	1.3	1
4	Genetic diversity of the two-spotted stink bug <i>Bathycyrtus distinctus</i> (Pentatomidae) associated with macadamia orchards in South Africa. <i>PLoS ONE</i> , 2022, 17, e0269373.	2.5	4
5	Influence of reproductive biology on establishment capacity in introduced Hymenoptera species. <i>Biological Invasions</i> , 2021, 23, 387-406.	2.4	8
6	Simulated leks increase the capture of female <i>Sirex noctilio</i> in the absence of host volatiles. <i>International Journal of Pest Management</i> , 2021, 67, 58-64.	1.8	4
7	Screening known Cerambycidae pheromones for activity with the Peruvian fauna. <i>Agricultural and Forest Entomology</i> , 2021, 23, 506.	1.3	4
8	Forest Biosecurity in Canada – An Integrated Multi-Agency Approach. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	6
9	Evidence for UV-green dichromacy in the basal hymenopteran <i>Sirex noctilio</i> (Siricidae). <i>Scientific Reports</i> , 2021, 11, 15601.	3.3	4
10	The Sex Pheromone of the Pine Brown-Tail Moth, <i>Euproctis terminalis</i> (Lepidoptera: Erebidae). <i>Journal of Chemical Ecology</i> , 2021, 47, 732-739.	1.8	0
11	Influence of the community of associates on <i>Sirex noctilio</i> brood production is contextual. <i>Ecological Entomology</i> , 2020, 45, 456-465.	2.2	3
12	Harnessing the potential of Precision Pest Management in plantation forests. <i>Southern Forests</i> , 2020, 82, 197-201.	0.7	6
13	Impact of Horizontal Edge – Interior and Vertical Canopy – Understorey Gradients on the Abundance and Diversity of Bark and Woodboring Beetles in Survey Traps. <i>Insects</i> , 2020, 11, 573.	2.2	15
14	Intergenic Spacer Single Nucleotide Polymorphisms for Genotyping <i>Amylostereum areolatum</i> (Russulales: Amylostereaceae) Symbionts of Native and Non-native <i>Sirex</i> Species. <i>Annals of the Entomological Society of America</i> , 2020, 113, 280-287.	2.5	2
15	Evaluating methods to detect and monitor North American larval parasitoids of the emerald ash borer (Coleoptera: Buprestidae). <i>Canadian Entomologist</i> , 2020, 152, 389-398.	0.8	0
16	Light-Weight Portable Electroantennography Device as a Future Field-Based Tool for Applied Chemical Ecology. <i>Journal of Chemical Ecology</i> , 2020, 46, 557-566.	1.8	7
17	Impact of intercept trap type on plume structure: a potential mechanism for differential performance of intercept trap designs for <i>Monoctonus</i> species. <i>Journal of Pest Science</i> , 2020, 93, 993-1005.	3.7	4
18	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). <i>PLoS ONE</i> , 2020, 15, e0244943.	2.5	8

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19	Pheromones as management tools for non-Scolytinae Curculionidae: development and implementation considerations. <i>Southern Forests</i> , 2020, 82, 202-214.	0.7	0
20	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). , 2020, 15, e0244943.		0
21	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). , 2020, 15, e0244943.		0
22	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). , 2020, 15, e0244943.		0
23	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). , 2020, 15, e0244943.		0
24	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). , 2020, 15, e0244943.		0
25	Biology of a putative male aggregation-sex pheromone in <i>Sirex noctilio</i> (Hymenoptera: Siricidae). , 2020, 15, e0244943.		0
26	Trap deployment along linear transects perpendicular to forest edges: impact on capture of longhorned beetles (Coleoptera: Cerambycidae). <i>Journal of Pest Science</i> , 2019, 92, 299-308.	3.7	20
27	Mate Recognition by the Green Mate Borer, <i>Hedypathes betulinus</i> (Coleoptera: Cerambycidae): the Role of Cuticular Compounds. <i>Journal of Insect Behavior</i> , 2019, 32, 120-133.	0.7	3
28	Effect of <i>Sirex noctilio</i> (Hymenoptera: Siricidae) attack density on <i>Pinus sylvestris</i> (Pinaceae) survival. <i>Canadian Entomologist</i> , 2019, 151, 340-344.	0.8	0
29	2. Pheromones: Reproductive Isolation and Evolution in Moths. , 2019, , 11-24.		2
30	Recent Records of Fruit Chafers (Scarabaeidae: Cetoniinae: Cetoniini) in the Southwestern Cape Region of South Africa Suggest That Range Expansions Were Facilitated by Human-Mediated Jump-Dispersal and Pre-Adaptation to Transformed Landscapes. <i>African Entomology</i> , 2019, 27, 135.	0.6	3
31	3. Variation in Moth Pheromones: Causes and Consequences. , 2019, , 25-42.		0
32	<i>Sirex noctilio</i> (Hymenoptera: Siricidae) in Ontario (Canada) pine forests: observations over five years. <i>Canadian Entomologist</i> , 2018, 150, 347-360.	0.8	8
33	Trapping for <i>Sirex</i> Woodwasp in Brazilian Pine Plantations: Lure, Trap Type and Height of Deployment. <i>Journal of Insect Behavior</i> , 2018, 31, 210-221.	0.7	8
34	Factors influencing the dispersal of a native parasitoid, <i>Phasgonophora sulcata</i> , attacking the emerald ash borer: implications for biological control. <i>BioControl</i> , 2018, 63, 751-761.	2.0	6
35	Multiple introductions of <i>Sirex noctilio</i> (Hymenoptera: Siricidae) in northeastern North America based on microsatellite genotypes, and implications for biological control. <i>Biological Invasions</i> , 2017, 19, 1431-1447.	2.4	10
36	Optimization of Pheromone Traps for <i>Coryphodema tristis</i> (Lepidoptera: Cossidae). <i>Journal of Economic Entomology</i> , 2017, 110, 1603-1610.	1.8	3

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37	The Impact of Trap Type and Design Features on Survey and Detection of Bark and Woodboring Beetles and Their Associates: A Review and Meta-Analysis. <i>Annual Review of Entomology</i> , 2017, 62, 127-146.	11.8	49
38	Suitability of eastern pines for oviposition and survival of <i>Sirex noctilio</i> F.. <i>PLoS ONE</i> , 2017, 12, e0174532.	2.5	6
39	Evidence that the availability of suitable pine limits non-native <i>Sirex noctilio</i> in Ontario. <i>Agricultural and Forest Entomology</i> , 2016, 18, 357-366.	1.3	14
40	Emergence of adult female <i>Sirex nigricornis</i> F. and <i>Sirex noctilio</i> F. (Hymenoptera: Siricidae). <i>Forest Entomology</i> , 2016, 18, 206-213.	1.3	7
41	Pine Sawyers (Coleoptera: Cerambycidae) Attracted to α -Pinene, Monochamol, and Ipsenol in North America. <i>Journal of Economic Entomology</i> , 2016, 109, 1205-1214.	1.8	23
42	Dilution of Fluon Before Trap Surface Treatment Has No Effect on Longhorned Beetle (Coleoptera: Cerambycidae). <i>Forest Entomology</i> , 2016, 18, 206-213.	1.8	25
43	The Active Space of Mexican Rice Borer Pheromone Traps. <i>Journal of Chemical Ecology</i> , 2016, 42, 888-895.	1.8	6
44	Sex Attractant Pheromone of the Luna Moth, <i>Actias luna</i> (Linnaeus). <i>Journal of Chemical Ecology</i> , 2016, 42, 869-876.	1.8	11
45	Influence of Nematode Parasitism, Body Size, Temperature, and Diel Period on the Flight Capacity of <i>Sirex noctilio</i> F. (Hymenoptera: Siricidae). <i>Journal of Insect Behavior</i> , 2016, 29, 301-314.	0.7	9
46	Horizontal transmission of a parasitic nematode from a non-native to a native woodwasp?. <i>Biological Invasions</i> , 2016, 18, 355-358.	2.4	8
47	Nonlethal Effects of Nematode Infection on <i>Sirex noctilio</i> and <i>Sirex nigricornis</i> (Hymenoptera: Siricidae). <i>Environmental Entomology</i> , 2016, 45, 320-327.	1.4	13
48	Pheromone Communication in Moths. , 2016, , .		82
49	Observations of <i>Cerceris fumipennis</i> (Hymenoptera: Crabronidae) Phenology and Variation in Its Buprestid Prey in Louisiana. <i>Florida Entomologist</i> , 2015, 98, 1106-1113.	0.5	7
50	Sex Pheromone of the Baldcypress Leafroller (Lepidoptera: Tortricidae). <i>Journal of Economic Entomology</i> , 2015, 108, 166-172.	1.8	2
51	Considering species richness and rarity when selecting optimal survey traps: comparisons of semiochemical baited flight intercept traps for Cerambycidae in eastern North America. <i>Agricultural and Forest Entomology</i> , 2015, 17, 36-47.	1.3	35
52	Do Native Insects and Associated Fungi Limit Non-Native Woodwasp, <i>Sirex noctilio</i> , Survival in a Newly Invaded Environment?. <i>PLoS ONE</i> , 2015, 10, e0138516.	2.5	24
53	Type of Intercept Trap Not Important for Capturing Female <i>Sirex noctilio</i> and <i>S. nigricornis</i> (Hymenoptera: Siricidae) in North America. <i>Journal of Economic Entomology</i> , 2014, 107, 1295-1298.	1.8	8
54	Design Factors That Influence the Performance of Flight Intercept Traps for the Capture of Longhorned Beetles (Coleoptera: Cerambycidae) from the Subfamilies Lamiinae and Cerambycinae. <i>PLoS ONE</i> , 2014, 9, e93203.	2.5	32

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55	A Tetraene Aldehyde as the Major Sex Pheromone Component of the Prometheus Moth (<i>Callosamia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	13
56	Predicting <i>Sirex noctilio</i> and <i>S. nigricornis</i> emergence using degree days. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 149, 177-184.	1.4	20
57	Kairomonal Responses of Natural Enemies and Associates of the Southern Ips (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 321-335.	0.7	32
58	Detection and Identification of <i>Amylostereum areolatum</i> (Russulales:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Ar Central Louisiana. <i>Environmental Entomology</i> , 2013, 42, 1246-1256.	1.4	18
59	Flight Phenologies of the Southeastern <i>Ips</i> Species (Coleoptera: Curculionidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T <i>Entomology</i> , 2013, 42, 1226-1239.	1.4	5
60	Role of Ipsdienol, Ipsenol, and <i>cis</i> -Verbenol in Chemical Ecology of <i>Ips avulsus</i> , <i>Ips calligraphus</i> , and <i>Ips grandicollis</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	21
61	Abiotic Induction Affects the Costs and Benefits of Inducible Herbivore Defenses in <i>Datura wrightii</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1215-1224.	1.8	7
62	Response of the Woodborers <i>Monochamus carolinensis</i> and <i>Monochamus titillator</i> (Coleoptera: Cerambycidae) to Known Cerambycid Pheromones in the Presence and Absence of the Host Plant Volatile \pm -Pinene. <i>Environmental Entomology</i> , 2012, 41, 1587-1596.	1.4	69
63	Molecular evidence of facultative intraguild predation by <i>Monochamus titillator</i> larvae (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 913-924.	1.6	24
64	Variation in Enantiospecific Attraction of <i>Ips avulsus</i> (Coleoptera: Curculionidae) to the Pheromone Ipsdienol in Georgia. <i>Journal of Economic Entomology</i> , 2011, 104, 895-900.	1.8	2
65	Effect of Aerosol Surface Lubricants on the Abundance and Richness of Selected Forest Insects Captured in Multiple-Funnel and Panel Traps. <i>Journal of Economic Entomology</i> , 2011, 104, 1258-1264.	1.8	35
66	Learned and naïve natural enemy responses and the interpretation of volatile organic compounds as cues or signals. <i>New Phytologist</i> , 2009, 184, 768-782.	7.3	95
67	Trade-Off Between Sensitivity and Specificity in the Cabbage Looper Moth Response to Sex Pheromone. <i>Journal of Chemical Ecology</i> , 2008, 34, 1476-1486.	1.8	8
68	Genetic independence of female signal form and male receiver design in the almond moth, <i>Cadra cautella</i> . <i>Journal of Evolutionary Biology</i> , 2008, 21, 1666-1672.	1.7	28
69	Male pheromone blend preference function measured in choice and no-choice wind tunnel trials with almond moths, <i>Cadra cautella</i> . <i>Animal Behaviour</i> , 2008, 75, 259-266.	1.9	32
70	Bidirectional Selection for Novel Pheromone Blend Ratios in the Almond Moth, <i>Cadra cautella</i> . <i>Journal of Chemical Ecology</i> , 2007, 33, 2293-2307.	1.8	9
71	Heritable Variation in the Sex Pheromone of the Almond Moth, <i>Cadra cautella</i> . <i>Journal of Chemical Ecology</i> , 2006, 32, 621-641.	1.8	17
72	A review of the chemical ecology of the Cerambycidae (Coleoptera). <i>Chemoecology</i> , 2004, 14, 123.	1.1	252

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73	Disruption by conophthorin of the kairomonal response of sawyer beetles to bark beetle pheromones. <i>Journal of Chemical Ecology</i> , 2003, 29, 2115-2129.	1.8	17
74	Differential Bio-Activity of <i>Ips</i> and <i>Dendroctonus</i> (Coleoptera: Scolytidae) Pheromone Components for <i>Monochamus clamator</i> and <i>M. scutellatus</i> (Coleoptera: Cerambycidae). <i>Environmental Entomology</i> , 2003, 32, 23-30.	1.4	56
75	Comparative efficacy of five types of trap for woodborers in the Cerambycidae, Buprestidae and Siricidae. <i>Agricultural and Forest Entomology</i> , 2001, 3, 113-120.	1.3	90
76	Kairomonal response by four <i>Monochamus</i> species (Coleoptera: Cerambycidae) to bark beetle pheromones. <i>Journal of Chemical Ecology</i> , 2001, 27, 633-646.	1.8	102