D Max Suckling

List of Publications by Year
in descending order

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257 papers	6,201 citations	101543 36 h-index	128289 60 g-index
262 all docs	262 docs citations	262 times ranked	4006 citing authors

#	Article	IF	Citations
1	Potential of Mass Trapping for Long-Term Pest Management and Eradication of Invasive Species. Journal of Economic Entomology, 2006, 99, 1550-1564.	1.8	322
2	Potential of â€œLure and Killâ€•in Long-Term Pest Management and Eradication of Invasive Species. Journal of Economic Entomology, 2009, 102, 815-835.	1.8	212
3	Potential of Mass Trapping for Long-Term Pest Management and Eradication of Invasive Species. Journal of Economic Entomology, 2006, 99, 1550-1564.	1.8	163
4	Eradication of Invading Insect Populations: From Concepts to Applications. Annual Review of Entomology, 2016, 61, 335-352.	11.8	144
5	Nationwide survey for invasive wood-boring and bark beetles (Coleoptera) using traps baited with pheromones and kairomones. Forest Ecology and Management, 2006, 228, 234-240.	3.2	141
6	Invasion Biology, Ecology, and Management of the Light Brown Apple Moth (Tortricidae). Annual Review of Entomology, 2010, 55, 285-306.	11.8	137
7	What Magnitude Are Observed Non-Target Impacts from Weed Biocontrol?. PLoS ONE, 2014, 9, e84847.	2.5	129
8	Determinants of successful arthropod eradication programs. Biological Invasions, 2014, 16, 401-414.	2.4	124
9	Eradication of tephritid fruit fly pest populations: outcomes and prospects. Pest Management Science, 2016, 72, 456-465.	3.4	88
10	Fatty Acid-amino Acid Conjugates Diversification in Lepidopteran Caterpillars. Journal of Chemical Ecology, 2010, 36, 319-325.	1.8	85
11	Combining Tactics to Exploit Allee Effects for Eradication of Alien Insect Populations. Journal of Economic Entomology, 2012, 105, 1-13.	1.8	83
12	Do carnivorous plants use volatiles for attracting prey insects?. Functional Ecology, 2009, 23, 875-887.	3.6	80
13	Issues affecting the use of pheromones and other semiochemicals in orchards. Crop Protection, 2000, 19, 677-683.	2.1	76
14	Endosulfan Resistance in Hypothenemus hampei (Coleoptera: Scolytidae) in New Caledonia. Journal of Economic Entomology, 1989, 82, 1311-1316.	1.8	74
15	New Zealand pest management: current and future challenges. Journal of the Royal Society of New Zealand, 2015, 45, 31-58.	1.9	74
16	Positive Interaction of a Feeding Attractant and a Host Kairomone for Trapping the Codling Moth, Cydia pomonella (L.). Journal of Chemical Ecology, 2007, 33, 2236-2244.	1.8	72
17	Volatile Constituents of Fermented Sugar Baits and Their Attraction to Lepidopteran Species. Journal of Agricultural and Food Chemistry, 2005, 53, 953-958.	5.2	70
18	From integrated pest management to integrated pest eradication: technologies and future needs. Pest Management Science, 2014, 70, 179-189.	3.4	64

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19	Absorption and release of pheromone ofEpiphyas postvittana (Lepidoptera: Tortricidae) by apple leaves. Journal of Chemical Ecology, 1994, 20, 1825-1841.	1.8	60
20	Improved quality management to enhance the efficacy of the sterile insect technique for lepidopteran pests. Journal of Applied Entomology, 2010, 134, 261-273.	1.8	60
21	Eradication of the Australian Painted Apple Moth Teia anartoides in New Zealand: Trapping, Inherited Sterility, and Male Competitiveness. , 2007, , 603-615.		60
22	Using a pheromone lure survey to establish the native and potential distribution of an invasive Lepidopteran, Uraba lugens. Journal of Applied Ecology, 2007, 44, 853-863.	4.0	58
23	Ecological impact of three pest management systems in New Zealand apple orchards. Agriculture, Ecosystems and Environment, 1999, 73, 129-140.	5.3	55
24	Past, Present, and Future of Integrated Control of Apple Pests: The New Zealand Experience. Annual Review of Entomology, 2017, 62, 231-248.	11.8	54
25	Control of Light Brown Apple Moth (Lepidoptera: Tortricidae) Using an Attracticide. Journal of Economic Entomology, 1999, 92, 367-372.	1.8	53
26	Attractiveness of Fermentation and Related Products to Spotted Wing Drosophila (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.4	50
27	Behavioral and electrophysiological responses of Arhopalus tristis to burnt pine and other stimuli. Journal of Chemical Ecology, 2001, 27, 1091-1104.	1.8	49
28	Frass sampling and baiting indicate European earwig (Forficula auricularia) foraging in orchards. Journal of Applied Entomology, 2006, 130, 263-267.	1.8	45
29	Influence of the Pathogen Candidatus Liberibacter Solanacearum on Tomato Host Plant Volatiles and Psyllid Vector Settlement. Journal of Chemical Ecology, 2014, 40, 1197-1202.	1.8	44
30	Abundance of leafrollers and their parasitoids on selected host plants in New Zealand. New Zealand Journal of Crop and Horticultural Science, 1998, 26, 193-203.	1.3	42
31	Efficacy of the pear ester as a monitoring tool for codling mothCydia pomonella (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.4	40
32	Floral Scent of Canada Thistle and Its Potential as a Generic Insect Attractant. Journal of Economic Entomology, 2008, 101, 720-727.	1.8	40
33	Volatiles from Apple Trees Infested with Light Brown Apple Moth Larvae Attract the Parasitoid Dolichogenidia tasmanica. Journal of Agricultural and Food Chemistry, 2012, 60, 9562-9566.	5.2	40
34	Progression in field infestation is linked with trapping of coffee berry borer, Hypothenemus hampei (Col., Scolytidae). Journal of Applied Entomology, 1999, 123, 535-540.	1.8	39
35	Worldwide Host Plants of the Highly Polyphagous, Invasive Epiphyas postvittana (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	39
36	Caterpillar-induced plant volatiles attract conspecific adults in nature. Scientific Reports, 2016, 6, 37555.	3.3	39

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37	Conditions that Favor Mating Disruption of Epiphyas postvittana (Lepidoptera: Tortricidae). Environmental Entomology, 1992, 21, 949-956.	1.4	38
38	Field Electroantennogram and Behavioral Responses of Epiphyas postvittana (Lepidoptera: Tortricidae) Under Low Pheromone and Inhibitor Concentrations. Journal of Economic Entomology, 1994, 87, 1477-1487.	1.8	38
39	Global range expansion of pest Lepidoptera requires socially acceptable solutions. Biological Invasions, 2017, 19, 1107-1119.	2.4	38
40	A temperature-dependent model for predicting release rates of pheromone from a polyethylene tubing dispenser. Journal of Chemical Ecology, 1995, 21, 745-760.	1.8	37
41	Electroantennogram and oviposition responses ofEpiphyas postvittana(Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 323-333.	1.3	37
42	Benefits from biological control of weeds in New Zealand range from negligible to massive: A retrospective analysis. Biological Control, 2013, 66, 27-32.	3.0	37
43	Resistance management of lightbrown apple moth, Epiphyas postvittana (Lepidoptera: Tortricidae) by mating disruption. New Zealand Journal of Crop and Horticultural Science, 1990, 18, 89-98.	1.3	36
44	Aerial Application of Pheromones for Mating Disruption of an Invasive Moth as a Potential Eradication Tool. PLoS ONE, 2012, 7, e43767.	2.5	36
45	Pheromone Disruption of Argentine Ant Trail Integrity. Journal of Chemical Ecology, 2008, 34, 1602-1609.	1.8	35
46	Honeybees Apis mellifera can detect the scent of Mycobacterium tuberculosis. Tuberculosis, 2011, 91, 327-328.	1.9	35
47	Spatial analysis of mass trapping: how close is close enough?. Pest Management Science, 2015, 71, 1452-1461.	3.4	34
48	Point Source Distribution Affects Pheromone Spike Frequency and Communication Disruption of Epiphyas postvittana (Lepidoptera: Tortricidae). Environmental Entomology, 1996, 25, 101-108.	1.4	33
49	Measurement of airborne pheromone concentrations using electroantennograms: Interactions between environmental volatiles and pheromone. Journal of Insect Physiology, 1995, 41, 465-471.	2.0	32
50	(Z)-11-Hexadecenal and (3Z,6Z,9Z)-Tricosatriene: Sex Pheromone Components of the Red Banded Mango Caterpillar Deanolis sublimbalis. Journal of Chemical Ecology, 2007, 33, 579-589.	1.8	32
51	Trail Pheromone Disruption of Argentine Ant Trail Formation and Foraging. Journal of Chemical Ecology, 2010, 36, 122-128.	1.8	32
52	Largeâ€scale trials of mating disruption of lightbrown apple moth in Nelson, New Zealand. New Zealand Journal of Crop and Horticultural Science, 1995, 23, 127-137.	1.3	31
53	Apple foliage enhances mating disruption of light-brown apple moth. Journal of Chemical Ecology, 1996, 22, 325-341.	1.8	30
54	Development of an Attracticide Against Light Brown Apple Moth (Lepidoptera: Tortricidae). Journal of Economic Entomology, 1999, 92, 853-859.	1.8	30

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55	Insecticide Resistance in the Light Brown Apple Moth, Epiphyas postvittana (Walker) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	29
56	Pheromone Use in Insecticide Resistance Surveys of Lightbrown Apple Moths (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	1.8	29
57	Orientation disruption of Planotortrix octo using pheromone or inhibitor blends. Entomologia Experimentalis Et Applicata, 1996, 78, 149-158.	1.4	29
58	Effects of Substerilizing Doses of Gamma Radiation on Adult Longevity and Level of Inherited Sterility in <I>Teia anartoides</I> (Lepidoptera: Lymantriidae). Journal of Economic Entomology, 2005, 98, 732-738.	1.8	29
59	Chrysanthemyl 2-acetoxy-3-methylbutanoate: the sex pheromone of the citrophilous mealybug, Pseudococcus calceolariae. Tetrahedron Letters, 2010, 51, 1075-1078.	1.4	29
60	Pollinatorâ€prey conflict in carnivorous plants. Biological Reviews, 2012, 87, 602-615.	10.4	29
61	Irradiation of Adult Epiphyas postvittana (Lepidoptera: Tortricidae): Egg Sterility in Parental and F1 Generations. Journal of Economic Entomology, 2012, 105, 54-61.	1.8	29
62	Improving the Efficiency of Lepidopteran Pest Detection and Surveillance: Constraints and Opportunities for Multiple-Species Trapping. Journal of Chemical Ecology, 2013, 39, 50-58.	1.8	29
63	<I>Uraba lugens</I> (Lepidoptera: Nolidae) in New Zealand: Pheromone Trapping for Delimitation and Phenology. Journal of Economic Entomology, 2005, 98, 1187-1192.	1.8	28
64	Attraction of New Zealand Flower Thrips, Thrips obscuratus, to cis-Jasmone, a Volatile Identified from Japanese Honeysuckle Flowers. Journal of Chemical Ecology, 2009, 35, 656-663.	1.8	28
65	Kiwifruit Flower Odor Perception and Recognition by Honey Bees, Apis mellifera. Journal of Agricultural and Food Chemistry, 2015, 63, 5597-5602.	5.2	28
66	Optimizing biocontrol using phenological day degree models: the European earwig in pipfruit orchards. Agricultural and Forest Entomology, 2011, 13, 301-312.	1.3	27
67	Radiation Biology and Inherited Sterility of Light Brown Apple Moth (Lepidoptera: Tortricidae): Developing a Sterile Insect Release Program. Journal of Economic Entomology, 2011, 104, 1999-2008.	1.8	27
68	New Sex Pheromone Blend for the Lightbrown Apple Moth, Epiphyas postvittana. Journal of Chemical Ecology, 2011, 37, 640-646.	1.8	27
69	Predicting Atmospheric Concentration of Pheromone in Treated Apple Orchards. Journal of Chemical Ecology, 1999, 25, 117-139.	1.8	26
70	Optimization of Pheromone Lure and Trap Characteristics for Currant Clearwing, Synanthedon tipuliformis. Journal of Chemical Ecology, 2005, 31, 393-406.	1.8	26
71	Pheromone synthesis. Part 243: Synthesis and biological evaluation of (3R,13R,1â€²S)-1â€²-ethyl-2â€²-methylpropyl 3,13-dimethylpentadecanoate, the major component of the sex pheromone of Paulownia bagworm, Clania variegata, and its stereoisomers. Tetrahedron, 2010, 66, 2642-2653.	1.9	26
72	Performance of Irradiated Teia anartoides (Lepidoptera: Lymantriidae) in Urban Auckland, New Zealand. Journal of Economic Entomology, 2005, 98, 1531-1538.	1.8	25

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73	Ecology and management of apple arthropod pests.. , 2003, , 489-519.		25
74	Dispersal ofEpiphyas postvittana(Walker) andPlanotortrix octoDugdale (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Science, 1994, 22, 225-234.	1.3	24
75	Attraction and antennal response of the common wasp, Vespula vulgaris (L.), to selected synthetic chemicals in New Zealand beech forests. Pest Management Science, 2009, 65, 975-981.	3.4	24
76	Pollinator-prey conflicts in carnivorous plants: When flower and trap properties mean life or death. Scientific Reports, 2016, 6, 21065.	3.3	24
77	Spiroacetals and Other Venom Constituents as Potential Wasp Attractants. Journal of Chemical Ecology, 1997, 23, 553-568.	1.8	23
78	Twenty years of Argentine ants in New Zealand: past research and future priorities for applied management. New Zealand Entomologist, 2010, 33, 68-78.	0.3	23
79	Apple Volatiles Synergize the Response of Codling Moth to Pear Ester. Journal of Chemical Ecology, 2013, 39, 643-652.	1.8	23
80	Can Polyphagous Invasive Tephritid Pest Populations Escape Detection for Years Under Favorable Climatic and Host Conditions?. American Entomologist, 2017, 63, 89-99.	0.2	23
81	The importance of key floral bioactive compounds to honey bees for the detection and attraction of hybrid vegetable crops and increased seed yield. Journal of the Science of Food and Agriculture, 2018, 98, 4445-4453.	3.5	23
82	Monitoring Azinphosmethyl Resistance in the Light Brown Apple Moth (Lepidoptera: Tortricidae) in New Zealand. Journal of Economic Entomology, 1987, 80, 733-738.	1.8	22
83	Investigations into the biochemical basis of azinphosmethyl resistance in the light brown apple moth, Epiphyas postvittana (Lepidoptera: Tortricidae). Pesticide Biochemistry and Physiology, 1988, 32, 62-73.	3.6	22
84	Small Scale Trials of Mating Disruption of Epiphyas postvittana (Lepidoptera: Tortricidae). Environmental Entomology, 1990, 19, 1702-1709.	1.4	22
85	Evaluation of lure dispensers for fruit fly surveillance in New Zealand. Pest Management Science, 2008, 64, 848-856.	3.4	22
86	Ant dominance in urban areas. Urban Ecosystems, 2009, 12, 503-514.	2.4	22
87	Modeling the Sterile Insect Technique for Suppression of Light Brown Apple Moth (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	22
88	A Conceptual Model for Assessing the Minimum Size Area for an Area-Wide Integrated Pest Management Program. International Journal of Agronomy, 2011, 2011, 1-12.	1.2	22
89	Light brown apple moth (Epiphyas postvittana) (Lepidoptera: Tortricidae) colonization of California. Biological Invasions, 2014, 16, 1851-1863.	2.4	22
90	Morganella morganii bacteria produces phenol as the sex pheromone of the New Zealand grass grub from tyrosine in the colleterial gland. Die Naturwissenschaften, 2016, 103, 59.	1.6	22

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91	Management and eradication options for Queensland fruit fly. Population Ecology, 2017, 59, 259-273.	1.2	22
92	Scents in orchards: floral volatiles of four stone fruit crops and their attractiveness to pollinators. Chemoecology, 2018, 28, 39-49.	1.1	22
93	Effects of Host Plants on the Toxicity of Azinphosmethyl to Susceptible and Resistant Light Brown Apple Moth (Lepidoptera: Tortricidae). Journal of Economic Entomology, 1990, 83, 2124-2129.	1.8	21
94	Correlation of azinphosmethyl resistance with detoxication enzyme activity in the light brown apple moth Epiphyas postvittana (Lepidoptera: Tortricidae). Pesticide Biochemistry and Physiology, 1990, 36, 281-289.	3.6	21
95	Identification Of Sex Pheromone Components Of The Painted Apple Moth: A Tussock Moth With A Thermally Labile Pheromone Component. Journal of Chemical Ecology, 2005, 31, 621-646.	1.8	21
96	Behavioural and electrophysiological responses of Pantomorus cervinus (Boheman) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.1	21
97	Cytological Attributes of Sperm Bundles Unique to F₁Progeny of Irradiated Male Lepidoptera: Relevance to Sterile Insect Technique Programs. Florida Entomologist, 2009, 92, 80-86.	0.5	21
98	Attractiveness and competitiveness of irradiated light brown apple moths. Entomologia Experimentalis Et Applicata, 2013, 148, 203-212.	1.4	21
99	Caterpillarâ€induced plant volatiles attract conspecific herbivores and a generalist predator. Journal of Applied Entomology, 2018, 142, 495-503.	1.8	21
100	Comparative Fitness of Irradiated Light Brown Apple Moths (Lepidoptera: Tortricidae) in a Wind Tunnel, Hedgerow, and Vineyard. Journal of Economic Entomology, 2011, 104, 1301-1308.	1.8	20
101	Attraction of the invasive social wasp, <scp>V</scp>espula vulgaris, by volatiles from fermented brown sugar. Entomologia Experimentalis Et Applicata, 2014, 151, 182-190.	1.4	20
102	Trapping <I>Dasinuera mali</I> (Diptera: Cecidomyiidae) in Apples. Journal of Economic Entomology, 2007, 100, 745-751.	1.8	19
103	Trapping Dasinuera mali (Diptera: Cecidomyiidae) in Apples. Journal of Economic Entomology, 2007, 100, 745-751.	1.8	19
104	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
105	Invasive Vespula Wasps Utilize Kairomones to Exploit Honeydew Produced by Sooty Scale Insects, Ultracoelostoma. Journal of Chemical Ecology, 2015, 41, 1018-1027.	1.8	19
106	Modelling the effects of inherited sterility for the application of the sterile insect technique. Agricultural and Forest Entomology, 2008, 10, 101-110.	1.3	18
107	Trail Pheromone Disruption of Red Imported Fire Ant. Journal of Chemical Ecology, 2010, 36, 744-750.	1.8	18
108	Argentine Ant Trail Pheromone Disruption is Mediated by Trail Concentration. Journal of Chemical Ecology, 2011, 37, 1143-1149.	1.8	18

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109	Patterns of Mitochondrial Haplotype Diversity in the Invasive Pest Epiphyas postvittana (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	18
110	Characterization of olfactory receptor neurons for pheromone candidate and plant volatile compounds in the clover root weevil, Sitona lepidus. Journal of Insect Physiology, 2013, 59, 1222-1234.	2.0	18
111	Live Traps for Adult Brown Marmorated Stink Bugs. Insects, 2019, 10, 376.	2.2	18
112	The Competitive Mating of Irradiated Brown Marmorated Stink Bugs, Halyomorpha halys, for the Sterile Insect Technique. Insects, 2019, 10, 411.	2.2	18
113	Floral Scent of Canada Thistle and Its Potential as a Generic Insect Attractant. Journal of Economic Entomology, 2008, 101, 720-727.	1.8	18
114	Pheromone trapping of orchard lepidopterous pests in Central Otago, New Zealand. New Zealand Journal of Crop and Horticultural Science, 1993, 21, 25-31.	1.3	17
115	Behavioural observations of mating disruption in three lepidopteran pests. Behaviour, 2005, 142, 717-729.	0.8	17
116	Sampling Efficacy for the Red Imported Fire Ant<i>Solenopsis invicta</i>(Hymenoptera: Formicidae). Environmental Entomology, 2011, 40, 1276-1284.	1.4	17
117	Identification of the sex pheromone of Conogethes pluto: a pest of Alpinia. Chemoecology, 2013, 23, 93-101.	1.1	17
118	Field Selection for Endosulfan Resistance in Coffee Berry Borer (Coleoptera: Scolytidae) in New Caledonia. Journal of Economic Entomology, 1992, 85, 325-334.	1.8	16
119	Inbreeding in the coffee berry borer,<i>Hypothenemus hampei</i>(Coleoptera: Scolytidae) estimated from endosulfan resistance phenotype frequencies. Bulletin of Entomological Research, 1996, 86, 667-674.	1.0	16
120	Factors affecting feeding site preferences of lightbrown apple moth,epiphyas postvittana(lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T 2000, 28, 235-243.	1.3	16
121	Field electroantennogram and trap assessments of aerosol pheromone dispensers for disrupting mating inEpiphyas postvittana. Pest Management Science, 2007, 63, 202-209.	3.4	16
122	Development of singleâ€dispenser pheromone suppression of <i>Epiphyas postvittana, Planotortrix octo</i> and <i>Ctenopseustis obliquana</i> in New Zealand stone fruit orchards. Pest Management Science, 2012, 68, 928-934.	3.4	16
123	Stable Isotope Markers Differentiate between Mass-Reared and Wild Lepidoptera in Sterile Insect Technique Programs. Florida Entomologist, 2016, 99, 166-176.	0.5	16
124	Monitoring of endosulfan and lindane resistance in the coffee berry borer <i>Hypothenemus hampei</i> (Coleoptera: Scolytidae) in New Caledonia. Bulletin of Entomological Research, 1990, 80, 129-135.	1.0	15
125	Cline in Frequency of Azinphosmethyl Resistance in Light Brown Apple Moth (Lepidoptera: Tortricidae). Journal of Economic Entomology, 1993, 86, 1308-1316.	1.8	15
126	Factors influencing codling moth larval response to Î±â€farnesene. Entomologia Experimentalis Et Applicata, 1995, 75, 221-227.	1.4	15

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127	Sex Attractant-based Monitoring of a Biological Control Agent of Gorse. Biocontrol Science and Technology, 1999, 9, 99-104.	1.3	15
128	(Z)-7-Tricosene and Monounsaturated Ketones as Sex Pheromone Components of the Australian Guava Moth Coscinoptycha improbana: Identification, Field Trapping, and Phenology. Journal of Chemical Ecology, 2006, 32, 221-237.	1.8	15
129	Floral attractants for the female soybean looper, Thysanoplusia orichalcea (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	3.4	15
130	Evaluation of dyes for marking painted apple moths (Teia anartoides Walker, Lep. Lymantriidae) used in a sterile insect release program. Australian Journal of Entomology, 2008, 47, 131-136.	1.1	15
131	Microbial population and diversity on the exoskeletons of four insect species associated with gorse (Ulex europaeus L.). Australian Journal of Entomology, 2008, 47, 370-379.	1.1	15
132	Vespula vulgaris(Hymenoptera: Vespidae) gynes use a sex pheromone to attract males. Canadian Entomologist, 2013, 145, 389-397.	0.8	15
133	Can we replace toxicants, achieve biosecurity, and generate market position with semiochemicals?. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	15
134	Synthetic pheromones as a management technique â€“ dispensers reduce Linepithema humile activity in a commercial vineyard. Pest Management Science, 2016, 72, 719-724.	3.4	15
135	Effect of Lure Combination on Fruit Fly Surveillance Sensitivity. Scientific Reports, 2019, 9, 2653.	3.3	15
136	Invasive potential of tropical fruit flies in temperate regions under climate change. Communications Biology, 2021, 4, 1141.	4.4	15
137	Can Parasitoid Sex Pheromones Help in Insect Biocontrol? A Case Study of Codling Moth (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /O Environmental Entomology, 2002, 31, 947-952.	1.4	14
138	Effect of irradiation on female painted apple moth Teia anartoides (Lep., Lymantriidae) sterility and attractiveness to males. Journal of Applied Entomology, 2006, 130, 167-170.	1.8	14
139	Identification of Sex Pheromone Components of a New Zealand Geometrid Moth, the Common Forest Looper Pseudocoremia suavis, Reveals a Possible Species Complex. Journal of Chemical Ecology, 2006, 32, 865-879.	1.8	14
140	Nest-based information transfer and foraging activation in the common wasp (Vespula vulgaris). Insectes Sociaux, 2015, 62, 207-217.	1.2	14
141	Webâ€based automatic traps for early detection of alien woodâ€boring beetles. Entomologia Experimentalis Et Applicata, 2016, 160, 91-95.	1.4	14
142	Identification of Floral Volatiles and Pollinator Responses in Kiwifruit Cultivars, Actinidia chinensis var. chinensis. Journal of Chemical Ecology, 2018, 44, 406-415.	1.8	14
143	Management of resistance in horticultural pests and beneficial species in New Zealand. Pest Management Science, 1988, 23, 157-164.	0.4	13
144	Mating disruption for the control of leafrollers on apricots. New Zealand Journal of Crop and Horticultural Science, 1998, 26, 259-268.	1.3	13

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145	Field records of painted apple moth (Teia anartoides Walker: Lepidoptera: Lymantriidae) on plants and inanimate objects in Auckland, New Zealand. Australian Journal of Entomology, 2007, 46, 152-159.	1.1	13
146	Mobile mating disruption of lightâ€brown apple moths using pheromoneâ€treated sterile Mediterranean fruit flies. Pest Management Science, 2011, 67, 1004-1014.	3.4	13
147	6-Pentyl-2H-pyran-2-one: A Potent Peach-Derived Kairomone for New Zealand Flower Thrips, Thrips obscuratus. Journal of Chemical Ecology, 2014, 40, 50-55.	1.8	13
148	Chemical Composition of the Rectal Gland and Volatiles Released by Female Queensland Fruit Fly, Bactrocera tryoni (Diptera: Tephritidae). Environmental Entomology, 2019, 48, 807-814.	1.4	13
149	Laboratory studies on the praying mantisOrthodera ministralis(Mantodea: Mantidae). New Zealand Entomologist, 1984, 8, 96-101.	0.3	12
150	Cross resistance between insecticides in coffee berry borer, Hypothenemus hampei (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	12
151	Behavioral responses of leafroller larvae to apple leaves and fruit. Entomologia Experimentalis Et Applicata, 1996, 81, 97-103.	1.4	12
152	Polyethylene Dispensers Generate Large-Scale Temporal Fluctuations in Pheromone Concentration. Environmental Entomology, 1997, 26, 896-905.	1.4	12
153	Simulating the Impact of Cross Resistance Between Bt toxins in Transformed Clover and Apples in New Zealand. Journal of Economic Entomology, 2000, 93, 173-179.	1.8	12
154	Identification and electrophysiological studies of (4S,5S)-5-hydroxy-4-methyl-3-heptanone and 4-methyl-3,5-heptanedione in male lucerne weevils. Die Naturwissenschaften, 2013, 100, 135-143.	1.6	12
155	Irradiation biology of male brown marmorated stink bugs: is there scope for the sterile insect technique?. International Journal of Radiation Biology, 2017, 93, 1357-1363.	1.8	12
156	Peri-Urban Community Attitudes towards Codling Moth Trapping and Suppression Using the Sterile Insect Technique in New Zealand. Insects, 2019, 10, 335.	2.2	12
157	Integrated pest management in New Zealand horticulture.. , 2003, , 385-396.		12
158	Selection with azinphosmethyl influences glutathione S-transferase activity in the light brown apple moth, Epiphyas postvittana (Lepidoptera: Tortricidae). Pesticide Biochemistry and Physiology, 1990, 38, 9-17.	3.6	11
159	Defining Interaction between Electroantennogram Responses of Epiphyas postvittana (lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Over	2.0	11
160	Major Sex Pheromone Components of the Australian Gum Leaf Skeletonizer Uraba lugens: (10E,12Z)-Hexadecadien-1-yl Acetate and (10E,12Z)-Hexadecadien-1-ol. Journal of Chemical Ecology, 2008, 34, 1125-1133.	1.8	11
161	Odour quality discrimination for behavioural antagonist compounds in three tortricid species. Entomologia Experimentalis Et Applicata, 2008, 127, 176-183.	1.4	11
162	With or without pheromone habituation: possible differences between insect orders?. Pest Management Science, 2018, 74, 1259-1264.	3.4	11

#	Article	IF	Citations
163	Can natural enemies of current insect pests provide biotic resistance to future pests?. Agricultural and Forest Entomology, 2020, 22, 20-29.	1.3	11
164	Disruption of Foraging by a Dominant Invasive Species to Decrease Its Competitive Ability. PLoS ONE, 2014, 9, e90173.	2.5	11
165	Evaluation of new volatile compounds as lures for western flower thrips and onion thrips in New Zealand and Spain. New Zealand Plant Protection, 0, 67, 175-183.	0.3	11
166	Cermatulus nasalisandOechalia schellembergii(Hemiptera : Pentatomidae) as predators of Eucalyptus tortoise beetle larvae,Paropsis charybdis(Coleoptera : Chrysomelidae), in New Zealand. New Zealand Entomologist, 1980, 7, 158-164.	0.3	10
167	Spray deposition in relation to endosulfan resistance in coffee berry borer (Hypothenemus hampei) (Coleoptera: Scolytidae) in New Caledonia. Crop Protection, 1992, 11, 213-220.	2.1	10
168	Geographic changes in leafroller species composition in Nelson orchards. New Zealand Journal of Zoology, 1994, 21, 289-294.	1.1	10
169	Genetics of Endosulfan Resistance in Hypothenemus hampei (Coleoptera: Scolytidae): Implications for Mode of Sex Determination. Journal of Economic Entomology, 1995, 88, 470-474.	1.8	10
170	Differentiation of the endemic New Zealand greenheaded and brownheaded leafroller moths by restriction fragment length variation in the ribosomal gene complex. Molecular Ecology, 1995, 4, 253-256.	3.9	10
171	Title is missing!. Journal of Chemical Ecology, 1999, 25, 2011-2025.	1.8	10
172	Evidence of active or passive downwind dispersal in markâ€“releaseâ€“recapture of moths. Entomologia Experimentalis Et Applicata, 2010, 134, 160-169.	1.4	10
173	Identification of in situ flower volatiles from kiwifruit (Actinidia chinensis var. deliciosa) cultivars and their male pollenisers in a New Zealand orchard. Phytochemistry, 2017, 141, 61-69.	2.9	10
174	Associative Learning of Food Odor by Social Wasps in a Natural Ecosystem. Journal of Chemical Ecology, 2018, 44, 915-921.	1.8	10
175	Will growing invasive arthropod biodiversity outpace our ability for eradication?. Ecological Applications, 2019, 29, e01992.	3.8	10
176	Selection of key floral scent compounds from fruit and vegetable crops by honey bees depends on sensory capacity and experience. Journal of Insect Physiology, 2020, 121, 104002.	2.0	10
177	Can Vibrational Playbacks Disrupt Mating or Influence Other Relevant Behaviours in Bactericera cockerelli (Triozidae: Hemiptera)?. Insects, 2020, 11, 299.	2.2	10
178	Electrophysiological and Behavioral Responses of Queensland Fruit Fly Females to Fruit Odors. Journal of Chemical Ecology, 2020, 46, 176-185.	1.8	10
179	Performance of Irradiated <I>Teia anartoides</I> (Lepidoptera: Lymantriidae) in Urban Auckland, New Zealand. Journal of Economic Entomology, 2005, 98, 1531-1538.	1.8	9
180	Communication Disruption of <I>Epiphyas postvittana</I> (Lepidoptera: Tortricidae) By Using Two Formulations at Four Point Source Densities in Vineyards. Journal of Economic Entomology, 2012, 105, 1694-1701.	1.8	9

#	Article	IF	Citations
181	Communication disruption of light brown apple moth (Epiphyas postvittana) using a four-component sex pheromone blend. Crop Protection, 2012, 42, 327-333.	2.1	9
182	The stinging response of the common wasp (Vespula vulgaris): plasticity and variation in individual aggressiveness. Insectes Sociaux, 2015, 62, 455-463.	1.2	9
183	Multiple Mating in the Citrophilous Mealybug Pseudococcus calceolariae: Implications for Mating Disruption. Insects, 2019, 10, 285.	2.2	9
184	Combined Effects of Mating Disruption, Insecticides, and the Sterile Insect Technique on Cydia pomonella in New Zealand. Insects, 2020, 11, 837.	2.2	9
185	Integrating sterile insect technique with the release of sterile classical biocontrol agents for eradication: is the Kamikaze Wasp Technique feasible?. BioControl, 2020, 65, 257-271.	2.0	9
186	Organic wastewater effects on benthic invertebrates in the Manawatu River. New Zealand Journal of Marine and Freshwater Research, 1982, 16, 263-270.	2.0	8
187	Evaluation of a rapid bioassay for diagnosing endosulfan resistance in coffee berry borer,Hypothenemus hampei(Ferrari) (Coleoptera: Scolytidae). International Journal of Pest Management, 1991, 37, 221-223.	0.1	8
188	Sex Pheromone of the Citrus Flower Moth Prays nephelomima: Pheromone Identification, Field Trapping Trials, and Phenology. Journal of Chemical Ecology, 2005, 31, 1633-1644.	1.8	8
189	Advance, retreat, resettle? Climate change could produce a zeroâ€sum game for invasive species. Austral Entomology, 2016, 55, 177-184.	1.4	8
190	Evaluating the Use of Phenylacetonitrile Plus Acetic Acid to MonitorPandemis pyrusanaandCydia pomonella(Lepidoptera: Tortricidae) in Apple. Florida Entomologist, 2017, 100, 761-766.	0.5	8
191	Honey Norisoprenoids Attract Bumble Bee, Bombus terrestris, in New Zealand Mountain Beech Forests. Journal of Agricultural and Food Chemistry, 2018, 66, 13065-13072.	5.2	8
192	Dynamics of Azinphosmethyl Resistance in Epiphyas postvittana (Lepidoptera: Tortricidae). Journal of Economic Entomology, 1989, 82, 1003-1010.	1.8	7
193	Cross-resistance in the lightbrown apple mothEpiphyas postvittana(Lepidoptera: Tortricidae). New Zealand Journal of Crop and Horticultural Science, 1990, 18, 173-180.	1.3	7
194	Optimizing Strate gies for Eradication of Discrete-Generation Lepidopteran Pests Using Inherited Sterility. , 2007, , 211-220.		7
195	Host range testing for risk assessment of a sexually dimorphic polyphagous invader, painted apple moth. Agricultural and Forest Entomology, 2014, 16, 1-13.	1.3	7
196	Feasibility of Mating Disruption for Agricultural Pest Eradication in an Urban Environment: Light Brown Apple Moth (Lepidoptera: Tortricidae) in Perth. Journal of Economic Entomology, 2015, 108, 1930-1935.	1.8	7
197	Evaluation of the synthetic sex pheromone of the obscure mealybug, <scp>P</scp>seudococcus viburni, as an attractant to conspecific males, and to females of the parasitoid <scp>A</scp>cerophagus maculipennis. Entomologia Experimentalis Et Applicata, 2015, 157, 188-197.	1.4	7
198	Is the Combination of Insecticide and Mating Disruption Synergistic or Additive in Lightbrown Apple Moth, Epiphyas postvittana?. PLoS ONE, 2016, 11, e0160710.	2.5	7

#	Article	IF	Citations
199	Combining odours isolated from phylogenetically diverse sources yields a better lure for yellow jackets. Pest Management Science, 2016, 72, 760-769.	3.4	7
200	To Repeat: Can Polyphagous Invasive Tephritid Pest Populations Remain Undetected For Years Under Favorable Climatic and Host Conditions?. American Entomologist, 2017, 63, 224-231.	0.2	7
201	Liquid Baits with Oenococcus oeni Increase Captures of Drosophila suzukii. Insects, 2021, 12, 66.	2.2	7
202	Orientation Disruption of Ctenopseustis herana. Journal of Chemical Ecology, 1997, 23, 2425-2436.	1.8	6
203	Examination of sex attractants for monitoring weed biological control agents in Hawaii. Biocontrol Science and Technology, 2006, 16, 919-927.	1.3	6
204	Using insects as potential vectors ofFusarium tumidumto control gorse. New Zealand Entomologist, 2011, 34, 5-11.	0.3	6
205	Locomotion Activity Meter for Quality Assessment of Mass-Reared Sterile Male Moths (Lepidoptera). Florida Entomologist, 2016, 99, 131-137.	0.5	6
206	Regulatory Innovation, Mating Disruption and 4-PlayTM in New Zealand. Journal of Chemical Ecology, 2016, 42, 584-589.	1.8	6
207	Synthesis and Biological Testing of Ester Pheromone Analogues for Two Fruitworm Moths (Carposinidae). Journal of Agricultural and Food Chemistry, 2020, 68, 9557-9567.	5.2	6
208	Toxicity of insecticides toEpiphyas postvittana(Walker) andPlanotortrix excessana(Walker) (Lepidoptera: Tortricidae). New Zealand Journal of Crop and Horticultural Science, 1986, 14, 89-95.	0.2	5
209	Leafroller larval and adult phenology at two Canterbury, New Zealand, organic apple orchards. New Zealand Journal of Crop and Horticultural Science, 2001, 29, 15-22.	1.3	5
210	(11Z,13E)-Hexadecadien-1-yl Acetate: Sex Pheromone of the Grass Webworm Herpetogramma licarsisalisâ€"Identification, Synthesis, and Field Bioassays. Journal of Chemical Ecology, 2007, 33, 839-847.	1.8	5
211	Can MÃ©nage-Ã€-Trois be Used for Controlling Insects?. Journal of Chemical Ecology, 2007, 33, 1494-1504.	1.8	5
212	Factors influencing pathogenicity ofFusarium tumidumon gorse (Ulex europaeus). Biocontrol Science and Technology, 2008, 18, 779-792.	1.3	5
213	Feasibility study on cytological sperm bundle assessment of F1 progeny of irradiated male painted apple moth (Teia anartoides Walker; Lepidoptera: Lymantriidae) for the sterile insect technique. Australian Journal of Entomology, 2011, 50, no-no.	1.1	5
214	Prospects for the control of apple leaf midge Dasineura mali (Diptera: Cecidomyiidae) by mass trapping with pheromone lures. Pest Management Science, 2015, 71, 907-913.	3.4	5
215	Deployment of the sex pheromone ofPseudococcus calceolariae(Hemiptera: Pseudococcidae) as a potential new tool for mass trapping in citrus in South Australia. New Zealand Entomologist, 2019, 42, 1-12.	0.3	5
216	Egg Sterilisation of Irradiated Nezara viridula (Hemiptera: Pentatomidae). Insects, 2020, 11, 564.	2.2	5

#	Article	IF	Citations
217	Will Peri-Urban Cydia pomonella (Lepidoptera: Tortricidae) Challenge Local Eradication?. Insects, 2020, 11, 207.	2.2	5
218	Insect Eradication and Containment of Invasive Alien Species. , 2014, , 417-446.		5
219	10.1023/A:1019246808211. , 2011, , .		5
220	Decision analysis of insecticide resistance in light-brown apple moth. New Zealand Journal of Crop and Horticultural Science, 1988, 16, 219-224.	0.2	4
221	Mass Trapping of Prays nephelomima (Lepidoptera: Yponomeutidae) in Citrus Orchards: Optimizing Trap Design and Density. Journal of Economic Entomology, 2008, 101, 1295-1301.	1.8	4
222	Aerosol delivery of trail pheromone disrupts the foraging of the red imported fire ant, Solenopsis invicta. Pest Management Science, 2012, 68, 1572-1578.	3.4	4
223	Communication Disruption of Guava Moth (Coscinoptycha improbana) Using a Pheromone Analog Based on Chain Length. Journal of Chemical Ecology, 2013, 39, 1161-1168.	1.8	4
224	Identification of olfactory receptor neurons in Uraba lugens (Lepidoptera: Nolidae) and its implications for host range. Journal of Insect Physiology, 2015, 78, 33-46.	2.0	4
225	Caterpillar-Induced Plant Volatiles Attract Adult Tortricidae. Journal of Chemical Ecology, 2017, 43, 487-492.	1.8	4
226	Operational Parameters for the Aerial Release of Sterile Codling Moths Using an Uncrewed Aircraft System. Insects, 2021, 12, 159.	2.2	4
227	Antennal olfactory sensory neurones responsive to host and nonhost plant volatiles in gorse pod moth Cydia succedana. Physiological Entomology, 2018, 43, 86-99.	1.5	3
228	Leafroller-induced phenylacetonitrile and acetic acid attract adult Lobesia botrana in European vineyards. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2019, 74, 161-165.	1.4	3
229	Kairomone and Camera Trapping New Zealand Flower Thrips, Thrips obscuratus. Insects, 2020, 11, 622.	2.2	3
230	The Scent of Individual Foraging Bees. Journal of Chemical Ecology, 2020, 46, 524-533.	1.8	3
231	Comparing Deliveries of Sterile Codling Moth (Lepidoptera: Tortricidae) by Two Types of Unmanned Aerial Systems and from the Ground. Journal of Economic Entomology, 2021, 114, 1917-1926.	1.8	3
232	Irradiation-induced sterility in an egg parasitoid and possible implications for the use of biological control in insect eradication. Scientific Reports, 2021, 11, 12326.	3.3	3
233	Vibrational communication and evidence for vibrational behavioural manipulation of the tomato potato psyllid, Bactericera cockerelli. Entomologia Generalis, 2020, 40, 351-363.	3.1	3
234	Mating Disruption of the Lightbrown Apple Moth: Portable Electroantennogram Equipment and Other Aspects. , 1997, , 411-420.		3

#	Article	IF	Citations
235	Developing a mealybug pheromone monitoring tool to enhance IPM practices in New Zealand vineyards. Journal of Pest Science, 2023, 96, 29-39.	3.7	3
236	Vibrational Communication in Psyllids. Animal Signals and Communication, 2022, , 529-546.	0.8	3
237	Identification of a floral-derived kairomone for currant clearwing, Synanthedon tipuliformis. Chemoecology, 2016, 26, 187-193.	1.1	2
238	Thigmotaxis Mediates Trail Odour Disruption. Scientific Reports, 2017, 7, 1670.	3.3	2
239	Species-specific male pollinators found for three native New Zealand greenhood orchids (Pterostylis) Tj ETQq1 1 0.784314 rgBT /Over	0.6	2
240	Experimental high-density trapping of social wasps: target kairomones for workers or gynes for drones?. New Zealand Entomologist, 2020, 43, 65-76.	0.3	2
241	Etude de la rÃ©manence de l'azinphos-mÃ©thyl utilisÃ© contre Epiphyas postvittana Walker (Lepid. :) Tj ETQq1 1 0.784314 rgBT /O	0.8	2
242	Response to Leslie M. McDonough. Journal of Chemical Ecology, 1997, 23, 1216-1221.	1.8	1
243	Response to Leslie M. McDonough. Journal of Chemical Ecology, 1997, 23, 1222-1223.	1.8	1
244	Mass Trapping of <I>Prays nephelomima</I> (Lepidoptera: Yponomeutidae) in Citrus Orchards: Optimizing Trap Design and Density. Journal of Economic Entomology, 2008, 101, 1295-1301.	1.8	1
245	Development of an efficient trapping system for New Zealand flower thrips, Thrips obscuratus. Pest Management Science, 2015, 71, 309-315.	3.4	1
246	Dose reduction and alternatives to the phenol pheromone in monitoring and management of the grass grub Costelytra zealandica. Pest Management Science, 2017, 73, 2252-2258.	3.4	1
247	Odorant-Based Detection and Discrimination of Two Economic Pests in Export Apples. Journal of Economic Entomology, 2020, 113, 134-143.	1.8	1
248	Trapping Brown Marmorated Stink Bugs: â€œThe NazgÈ—lâ€•Lure and Kill Nets. Insects, 2019, 10, 433.	2.2	1
249	(7Z)-Tricosene Improves Pheromone Trap Catch of Raspberry Bud Moth, Heterocrossa rubophaga. Journal of Chemical Ecology, 2020, 46, 830-834.	1.8	1
250	Olfactory Receptor Neurons for Plant Volatiles and Pheromone Compounds in the Lucerne Weevil, Sitona discoideus. Journal of Chemical Ecology, 2020, 46, 250-263.	1.8	1
251	Mazes to Study the Effects of Spatial Complexity, Predation and Population Density on Mate Finding. Insects, 2020, 11, 256.	2.2	1
252	Trends in Arthropod Eradication Programmes from the Global Eradication Database, Gerda. , 2021, , 505-518.		1

#	Article	IF	Citations
253	Minor components modulate sensitivity to the pheromone antagonist Z11-14:Ac in male lightbrown apple moth, Epiphyas postvittana (Lepidoptera: Tortricidae) in the field. New Zealand Plant Protection, 0, 71, 293-298.	0.3	1
254	Identification of herbivore-induced plant volatiles from selected Rubus species fed upon by raspberry bud moth (Heterocrossa rubophaga) larvae. Phytochemistry, 2022, 202, 113325.	2.9	1
255	Sex pheromones and semiochemicals offer an elegant future for pest management and biosecurity. Acta Horticulturae, 2015, , 375-382.	0.2	0
256	The Long-Term Effects of Reduced Competitive Ability on Foraging Success of an Invasive Pest Species. Journal of Economic Entomology, 2016, 109, 1628-1635.	1.8	0
257	Synthesis and Electrophysiological Testing of Carbonyl Pheromone Analogues for Carposinid Moths. ACS Omega, 2021, 6, 21016-21023.	3.5	0