

Alan L Knight

List of Publications by Year in descending order

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57
papers

1,501
citations

304743

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345221

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docs citations

57
times ranked

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#	ARTICLE	IF	CITATIONS
1	Comparison of New Kairomone-Based Lures for <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) in Italy and USA. <i>Insects</i> , 2021, 12, 72.	2.2	11
2	Improved Monitoring of <i>Grapholita molesta</i> (Lepidoptera: Tortricidae) in Stone Fruit Orchards with a Pheromone-Kairomone Combination Lure. <i>Insects</i> , 2020, 11, 412.	2.2	8
3	Monitoring and discrimination of <i>Pandemis</i> moths in apple orchards using semiochemicals, wing pattern morphology and DNA barcoding. <i>Crop Protection</i> , 2020, 132, 105110.	2.1	5
4	Monitoring codling moth (Lepidoptera: Tortricidae) with a four-component volatile blend compared to a sex pheromone-based blend. <i>Journal of Applied Entomology</i> , 2019, 143, 942-947.	1.8	12
5	Addition of terpenoids to pear ester plus acetic acid increases catches of codling moth (Lepidoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 Td</i>	1.8	19
6	Importance of trap liner adhesive selection for male moth catch (Lepidoptera: Tortricidae) with bisexual attractants. <i>Journal of Applied Entomology</i> , 2019, 143, 95-104.	1.8	6
7	Volatiles of Grape Inoculated with Microorganisms: Modulation of Grapevine Moth Oviposition and Field Attraction. <i>Microbial Ecology</i> , 2018, 76, 751-761.	2.8	23
8	Pear Ester " From Discovery to Delivery for Improved Codling Moth Management. <i>ACS Symposium Series</i> , 2018, , 83-113.	0.5	8
9	Improved monitoring of oriental fruit moth (Lepidoptera: Tortricidae) with terpinyl acetate plus acetic acid membrane lures. <i>Journal of Applied Entomology</i> , 2018, 142, 731-744.	1.8	14
10	Survey of conspecific herbivore-induced volatiles from apple as possible attractants for <i>Pandemis pyrusana</i> (Lepidoptera: Tortricidae). <i>Pest Management Science</i> , 2017, 73, 1837-1845.	3.4	11
11	Diel rhythms in the volatile emission of apple and grape foliage. <i>Phytochemistry</i> , 2017, 138, 104-115.	2.9	17
12	Development of 2-phenylethanol plus acetic acid lures to monitor obliquebanded leafroller (Lepidoptera: Tortricidae) under mating disruption. <i>Journal of Applied Entomology</i> , 2017, 141, 729-739.	1.8	13
13	Development of kairomone-based lures and traps targeting <i>Spilonota ocellana</i> (Lepidoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 Td</i>	0.8	12
14	Addition of Pear Ester With Sex Pheromone Enhances Disruption of Mating by Female Codling Moth (Lepidoptera: Tortricidae) in Walnut Orchards Treated with Meso Dispensers. <i>Environmental Entomology</i> , 2017, 46, 319-327.	1.4	5
15	Trapping <i>Pandemis limitata</i> (Lepidoptera: Tortricidae) moths with mixtures of acetic acid, caterpillar-induced apple-leaf volatiles, and sex pheromone. <i>Canadian Entomologist</i> , 2017, 149, 813-822.	0.8	7
16	Evaluating the Use of Phenylacetoneitrile Plus Acetic Acid to Monitor <i>Pandemis pyrusana</i> and <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) in Apple. <i>Florida Entomologist</i> , 2017, 100, 761-766.	0.5	8
17	Variability in the efficacy of sex pheromone lures for monitoring oriental fruit moth (Lepidoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 Td</i>	1.8	10
18	Acetic acid lure placement within traps affects moth catches of codling moth (Lepidoptera:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td</i>	1.8	7

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19	Emission of Volatile Compounds from Apple Plants Infested with <i>Pandemis heparana</i> Larvae, Antennal Response of Conspecific Adults, and Preliminary Field Trial. <i>Journal of Chemical Ecology</i> , 2016, 42, 1265-1280.	1.8	30
20	Caterpillar-induced plant volatiles attract conspecific adults in nature. <i>Scientific Reports</i> , 2016, 6, 37555.	3.3	39
21	Adding yeasts with sugar to increase the number of effective insecticide classes to manage <i>Drosophila suzukii</i> (Matsumura) (Diptera: Drosophilidae) in cherry. <i>Pest Management Science</i> , 2016, 72, 1482-1490.	3.4	27
22	Modeling codling moth (Lepidoptera: Tortricidae) phenology and predicting egg hatch in apple orchards of the Maule Region, Chile. <i>Chilean Journal of Agricultural Research</i> , 2015, 75, 57-62.	1.1	19
23	Improving the Performance of the Granulosis Virus of Codling Moth (Lepidoptera: Tortricidae) by Adding the Yeast <i>Saccharomyces cerevisiae</i> with Sugar. <i>Environmental Entomology</i> , 2015, 44, 252-259.	1.4	12
24	A Binary Host Plant Volatile Lure Combined With Acetic Acid to Monitor Codling Moth (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2014, 138, 96-108.	1.4	10
25	Combined approaches using sex pheromone and pear ester for behavioural disruption of codling moth (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2014, 138, 96-108.	1.8	12
26	Measuring Local Genetic Variability in Populations of Codling Moth (Lepidoptera: Tortricidae) Across an Unmanaged and Commercial Orchard Interface. <i>Environmental Entomology</i> , 2014, 43, 520-527.	1.4	8
27	Monitoring oriental fruit moth and codling moth (Lepidoptera: Tortricidae) with combinations of pheromones and kairomones. <i>Journal of Applied Entomology</i> , 2014, 138, 783-794.	1.8	24
28	Adding microencapsulated pear ester to insecticides for control of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) in apple. <i>Pest Management Science</i> , 2013, 69, 66-74.	3.4	11
29	Combining Mutualistic Yeast and Pathogenic Virus – A Novel Method for Codling Moth Control. <i>Journal of Chemical Ecology</i> , 2013, 39, 1019-1026.	1.8	25
30	Factors affecting the efficacy of a vinegar trap for <i>Drosophila suzukii</i> (Diptera: Drosophilidae). <i>Journal of Applied Entomology</i> , 2013, 137, 561-570.	1.8	62
31	Monitoring oriental fruit moth (Lepidoptera: Tortricidae) with the Ajar bait trap in orchards under mating disruption. <i>Journal of Applied Entomology</i> , 2013, 137, 650-660.	1.8	11
32	Apple Volatiles Synergize the Response of Codling Moth to Pear Ester. <i>Journal of Chemical Ecology</i> , 2013, 39, 643-652.	1.8	23
33	Neural coding merges sex and habitat chemosensory signals in an insect herbivore. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130267.	2.6	56
34	An evaluation of orange and clear traps with pear ester to monitor codling moth (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2012, 136, 107-114.	0.2	7
35	Evaluating Dispensers Loaded With Codlemone and Pear Ester for Disruption of Codling Moth (Lepidoptera: Tortricidae). <i>Environmental Entomology</i> , 2012, 41, 399-406.	1.4	10
36	Monitoring Codling Moth (Lepidoptera: Tortricidae) in Sex Pheromone-Treated Orchards With (E-)-4,8-Dimethyl-1,3,7-Nonatriene or Pear Ester in Combination With Codlemone and Acetic Acid. <i>Environmental Entomology</i> , 2012, 41, 407-414.	1.4	22

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37	“This is not an Apple” Yeast Mutualism in Codling Moth. <i>Journal of Chemical Ecology</i> , 2012, 38, 949-957.	1.8	91
38	Identifying (<i>E</i>)-4,8-Dimethyl-1,3,7-Nonatriene Plus Acetic Acid as a New Lure for Male and Female Codling Moth (Lepidoptera: Tortricidae). <i>Environmental Entomology</i> , 2011, 40, 420-430.	1.4	49
39	Microencapsulated Pear Ester Enhances Insecticide Efficacy in Walnuts for Codling Moth (Lepidoptera: Tortricidae) and Navel Orangeworm (Lepidoptera: Pyralidae). <i>Journal of Economic Entomology</i> , 2011, 104, 1309-1315.	1.8	12
40	Targeting <i>Cydia pomonella</i> (L.) (Lepidoptera: Tortricidae) adults with low-volume applications of insecticides alone and in combination with sex pheromone. <i>Pest Management Science</i> , 2010, 66, 709-717.	3.4	12
41	Cross-resistance between azinphos-methyl and acetamiprid in populations of codling moth, <i>Cydia pomonella</i> (L.) (Lepidoptera: Tortricidae), from Washington State. <i>Pest Management Science</i> , 2010, 66, 865-874.	3.4	23
42	Improved Monitoring of Female Codling Moth (Lepidoptera: Tortricidae) With Pear Ester Plus Acetic Acid in Sex Pheromone-Treated Orchards. <i>Environmental Entomology</i> , 2010, 39, 1283-1290.	1.4	31
43	Increased Catch of Female Codling Moth (Lepidoptera: Tortricidae) in Kairomone-Baited Clear Delta Traps. <i>Environmental Entomology</i> , 2010, 39, 583-590.	1.4	20
44	Creating Point Sources for Codling Moth (Lepidoptera: Tortricidae) with Low-Volume Sprays of a Microencapsulated Sex Pheromone Formulation. <i>Environmental Entomology</i> , 2008, 37, 1136-1144.	1.4	1
45	Microbial control of lepidopteran pests of apple orchards. , 2007, , 527-546.		17
46	Assessing the Mating Status of Female Codling Moth (Lepidoptera:Tortricidae) in Orchards Treated with Sex Pheromone Using Traps Baited with Ethyl (E,Z)-2,4-Decadienoate. <i>Environmental Entomology</i> , 2006, 35, 894-900.	1.4	12
47	Increased Catch of Codling Moth (Lepidoptera: Tortricidae) in Semiochemical-Baited Orange Plastic Delta-Shaped Traps. <i>Environmental Entomology</i> , 2006, 35, 1597-1602.	1.4	26
48	Factors Affecting the Differential Capture of Male and Female Codling Moth (Lepidoptera: Tortricidae) in Traps Baited with Ethyl (<i>E</i>,<i>Z</i>)-2,4-Decadienoate. <i>Environmental Entomology</i> , 2005, 34, 1161-1169.	1.4	35
49	Specificity of Codling Moth (Lepidoptera: Tortricidae) for the Host Plant Kairomone, Ethyl (2E,4Z)-2,4-Decadienoate: A Field Bioassays with Pome Fruit Volatiles, Analogue, and Isomeric Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4046-4053.	5.2	43
50	Factors Affecting the Differential Capture of Male and Female Codling Moth (Lepidoptera: Tortricidae) in Traps Baited with Ethyl (<i>E</i>,<i>Z</i>)-2,4-Decadienoate. <i>Environmental Entomology</i> , 2005, 34, 1161-1169.	1.4	34
51	A pear-derived kairomone with pheromonal potency that attracts male and female codling moth, <i>Cydia pomonella</i> (L.). <i>Die Naturwissenschaften</i> , 2001, 88, 333-338.	1.6	222
52	Attractants from Bartlett pear for codling moth, <i>Cydia pomonella</i> (L.), larvae. <i>Die Naturwissenschaften</i> , 2001, 88, 339-342.	1.6	77
53	Baseline Monitoring of Codling Moth (Lepidoptera: Tortricidae) Larval Response to Benzoylhydrazine Insecticides. <i>Journal of Economic Entomology</i> , 2001, 94, 264-270.	1.8	23
54	Monitoring Codling Moth (Lepidoptera: Tortricidae) with Passive Interception Traps in Sex Pheromone-Treated Apple Orchards. <i>Journal of Economic Entomology</i> , 2000, 93, 1744-1751.	1.8	23

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55	Mating Disruption of <i>Pandemis</i> spp. (Lepidoptera: Tortricidae). <i>Environmental Entomology</i> , 1999, 28, 81-87.	1.4	19
56	Vertical distribution of codling moth adults in pheromone-treated and untreated plots. <i>Entomologia Experimentalis Et Applicata</i> , 1995, 77, 271-275.	1.4	39
57	Survey of Azinphosmethyl Resistance in Codling Moth (Lepidoptera: Tortricidae) in Washington and Utah. <i>Journal of Economic Entomology</i> , 1994, 87, 285-292.	1.8	88