

Ashraf El-Sayed

List of Publications by Year in descending order

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100
papers

2,492
citations

257450

24
h-index

243625

44
g-index

106
all docs

106
docs citations

106
times ranked

1839
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Mass Trapping for Long-Term Pest Management and Eradication of Invasive Species. <i>Journal of Economic Entomology</i> , 2006, 99, 1550-1564.	1.8	322
2	Potential of "Lure and Kill" in Long-Term Pest Management and Eradication of Invasive Species. <i>Journal of Economic Entomology</i> , 2009, 102, 815-835.	1.8	212
3	Potential of Mass Trapping for Long-Term Pest Management and Eradication of Invasive Species. <i>Journal of Economic Entomology</i> , 2006, 99, 1550-1564.	1.8	163
4	Do carnivorous plants use volatiles for attracting prey insects?. <i>Functional Ecology</i> , 2009, 23, 875-887.	3.6	80
5	Volatile Constituents of Fermented Sugar Baits and Their Attraction to Lepidopteran Species. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 953-958.	5.2	70
6	Title is missing!. <i>BioControl</i> , 1999, 44, 211-237.	2.0	69
7	From integrated pest management to integrated pest eradication: technologies and future needs. <i>Pest Management Science</i> , 2014, 70, 179-189.	3.4	64
8	Title is missing!. <i>Journal of Chemical Ecology</i> , 1999, 25, 389-400.	1.8	50
9	Sprayer for Quantitative Application of Odor Stimuli. <i>Environmental Entomology</i> , 1999, 28, 947-953.	1.4	47
10	Geographic Variation in Pheromone Chemistry, Antennal Electrophysiology, and Pheromone-Mediated Trap Catch of North American Populations of the Obliquebanded Leafroller. <i>Environmental Entomology</i> , 2003, 32, 470-476.	1.4	42
11	Efficacy of the pear ester as a monitoring tool for codling moth <i>Cydia pomonella</i> (Lepidoptera: Tortricidae). <i>Journal of Economic Entomology</i> , 2010, 93, 107-111.	3.4	40
12	Floral Scent of Canada Thistle and Its Potential as a Generic Insect Attractant. <i>Journal of Economic Entomology</i> , 2008, 101, 720-727.	1.8	40
13	Volatiles from Apple Trees Infested with Light Brown Apple Moth Larvae Attract the Parasitoid <i>Dolichogenidia tasmanica</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9562-9566.	5.2	40
14	Caterpillar-induced plant volatiles attract conspecific adults in nature. <i>Scientific Reports</i> , 2016, 6, 37555.	3.3	39
15	Multicomponent Sex Pheromone in Codling Moth (Lepidoptera: Tortricidae). <i>Environmental Entomology</i> , 1999, 28, 775-779.	1.4	35
16	Pheromone Disruption of Argentine Ant Trail Integrity. <i>Journal of Chemical Ecology</i> , 2008, 34, 1602-1609.	1.8	35
17	Spatial analysis of mass trapping: how close is close enough?. <i>Pest Management Science</i> , 2015, 71, 1452-1461.	3.4	34
18	Chrysanthemyl 2-acetoxy-3-methylbutanoate: the sex pheromone of the citrophilous mealybug, <i>Pseudococcus calceolariae</i> . <i>Tetrahedron Letters</i> , 2010, 51, 1075-1078.	1.4	29

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19	Pollinator-prey conflict in carnivorous plants. <i>Biological Reviews</i> , 2012, 87, 602-615.	10.4	29
20	<i>Uraba lugens</i> (Lepidoptera: Nolidae) in New Zealand: Pheromone Trapping for Delimitation and Phenology. <i>Journal of Economic Entomology</i> , 2005, 98, 1187-1192.	1.8	28
21	Attraction of New Zealand Flower Thrips, <i>Thrips obscuratus</i> , to cis-Jasmone, a Volatile Identified from Japanese Honeysuckle Flowers. <i>Journal of Chemical Ecology</i> , 2009, 35, 656-663.	1.8	28
22	Potential of ethyl (2E,4Z)-2,4-decadienoate for monitoring activity of codling moth (Lepidoptera: Tortricidae). <i>Journal of Chemical Ecology</i> , 2005, 31, 393-406.	0.8	27
23	New Sex Pheromone Blend for the Lightbrown Apple Moth, <i>Epiphyas postvittana</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 640-646.	1.8	27
24	Optimization of Pheromone Lure and Trap Characteristics for Currant Clearwing, <i>Synanthedon tipuliformis</i> . <i>Journal of Chemical Ecology</i> , 2005, 31, 393-406.	1.8	26
25	Pheromone synthesis. Part 243: Synthesis and biological evaluation of (3R,13R,14S)-1-ethyl-2-methylpropyl 3,13-dimethylpentadecanoate, the major component of the sex pheromone of <i>Paulownia</i> bagworm, <i>Clania variegata</i> , and its stereoisomers. <i>Tetrahedron</i> , 2010, 66, 2642-2653.	1.9	26
26	Effect of Codlemone Isomers on Codling Moth (Lepidoptera: Tortricidae) Male Attraction. <i>Environmental Entomology</i> , 1998, 27, 1250-1254.	1.4	25
27	Performance of Irradiated <i>Teia anartoides</i> (Lepidoptera: Lymantriidae) in Urban Auckland, New Zealand. <i>Journal of Economic Entomology</i> , 2005, 98, 1531-1538.	1.8	25
28	Attraction and antennal response of the common wasp, <i>Vespula vulgaris</i> (L.), to selected synthetic chemicals in New Zealand beech forests. <i>Pest Management Science</i> , 2009, 65, 975-981.	3.4	24
29	The Absolute Configuration of the Sex Pheromone of the Citrophilous Mealybug, <i>Pseudococcus calceolariae</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 166-172.	1.8	24
30	Pollinator-prey conflicts in carnivorous plants: When flower and trap properties mean life or death. <i>Scientific Reports</i> , 2016, 6, 21065.	3.3	24
31	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 1941-1952.	1.8	23
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	Scents in orchards: floral volatiles of four stone fruit crops and their attractiveness to pollinators. <i>Chemoecology</i> , 2018, 28, 39-49.	1.1	22
34	Relative Attractiveness of Natural and Synthetic Pheromone of Three Tortricid Tree Fruit Pests. <i>Environmental Entomology</i> , 2002, 31, 960-964.	1.4	21
35	Identification Of Sex Pheromone Components Of The Painted Apple Moth: A Tussock Moth With A Thermally Labile Pheromone Component. <i>Journal of Chemical Ecology</i> , 2005, 31, 621-646.	1.8	21
36	Behavioural and electrophysiological responses of <i>Pantomorus cervinus</i> (Boheman) (Coleoptera: Curculionidae). <i>Journal of Chemical Ecology</i> , 2005, 31, 111-121.	1.1	21

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37	Caterpillar-induced plant volatiles attract conspecific herbivores and a generalist predator. Journal of Applied Entomology, 2018, 142, 495-503.	1.8	21
38	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
39	Attraction of the invasive social wasp, <i>Vespa vulgaris</i> , by volatiles from fermented brown sugar. Entomologia Experimentalis Et Applicata, 2014, 151, 182-190.	1.4	20
40	Chemical identification and behavioral activity of (Z)-11-tetradecenal in an eastern North American population of the obliquebanded leafroller. Canadian Entomologist, 2001, 133, 365-374.	0.8	19
41	Trapping <i>Dasinuera mali</i> (Diptera: Cecidomyiidae) in Apples. Journal of Economic Entomology, 2007, 100, 745-751.	1.8	19
42	Trapping <i>Dasinuera mali</i> (Diptera: Cecidomyiidae) in Apples. Journal of Economic Entomology, 2007, 100, 745-751.	1.8	19
43	The effect of trap colour and trap-flower distance on prey and pollinator capture in carnivorous <i>Drosera</i> species. Functional Ecology, 2015, 29, 1026-1037.	3.6	19
44	Invasive <i>Vespula</i> Wasps Utilize Kairomones to Exploit Honeydew Produced by Sooty Scale Insects, <i>Ultracoelostoma</i> . Journal of Chemical Ecology, 2015, 41, 1018-1027.	1.8	19
45	Impact of sub-lethal residues of azinphos-methyl on the pheromone-communication systems of insecticide-susceptible and insecticide-resistant obliquebanded leafrollers <i>Choristoneura rosaceana</i> (Lepidoptera: Tortricidae). Pest Management Science, 2004, 60, 660-668.	3.4	18
46	Trail Pheromone Disruption of Red Imported Fire Ant. Journal of Chemical Ecology, 2010, 36, 744-750.	1.8	18
47	Floral Scent of Canada Thistle and Its Potential as a Generic Insect Attractant. Journal of Economic Entomology, 2008, 101, 720-727.	1.8	18
48	Behavioural observations of mating disruption in three lepidopteran pests. Behaviour, 2005, 142, 717-729.	0.8	17
49	Identification of the sex pheromone of <i>Conogethes pluto</i> : a pest of <i>Alpinia</i> . Chemoecology, 2013, 23, 93-101.	1.1	17
50	Development of single dispenser pheromone suppression of <i>Epiphyas postvittana</i> , <i>Planotortrix octo</i> and <i>Ctenopseustis obliquana</i> in New Zealand stone fruit orchards. Pest Management Science, 2012, 68, 928-934.	3.4	16
51	Volatiles from green-lipped mussel as a lead to vespid wasp attractants. Journal of Applied Entomology, 2014, 138, 87-95.	1.8	16
52	Floral attractants for the female soybean looper, <i>Thysanoplusia orichalcea</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	3.4	15
53	<i>Vespula vulgaris</i> (Hymenoptera: Vespidae) gynes use a sex pheromone to attract males. Canadian Entomologist, 2013, 145, 389-397.	0.8	15
54	Quantitative analysis of the effects of ultrasound from an odor sprayer on moth flight behavior. Journal of Chemical Ecology, 2003, 29, 71-82.	1.8	14

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55	Effect of irradiation on female painted apple moth <i>Teia anartoides</i> (Lep., Lymantriidae) sterility and attractiveness to males. <i>Journal of Applied Entomology</i> , 2006, 130, 167-170.	1.8	14
56	Identification of Sex Pheromone Components of a New Zealand Geometrid Moth, the Common Forest Looper <i>Pseudocoremia suavis</i> , Reveals a Possible Species Complex. <i>Journal of Chemical Ecology</i> , 2006, 32, 865-879.	1.8	14
57	A Computer-Controlled Video System for Real-Time Recording of Insect Flight in Three Dimensions. <i>Journal of Insect Behavior</i> , 2000, 13, 881-900.	0.7	13
58	Modification of the sex-pheromone communication system associated with organophosphorus-insecticide resistance in the obliquebanded leafroller (Lepidoptera: Tortricidae). <i>Canadian Entomologist</i> , 2001, 133, 867-881.	0.8	13
59	6-Pentyl-2H-pyran-2-one: A Potent Peach-Derived Kairomone for New Zealand Flower Thrips, <i>Thrips obscuratus</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 50-55.	1.8	13
60	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
61	Chemical Composition of the Rectal Gland and Volatiles Released by Female Queensland Fruit Fly, <i>Bactrocera tryoni</i> (Diptera: Tephritidae). <i>Environmental Entomology</i> , 2019, 48, 807-814.	1.4	13
62	Title is missing!. , 2000, 26, 1795-1809.		12
63	Development of kairomone-based lures and traps targeting <i>Spilonota ocellana</i> (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2017, 141, 729-739.	1.8	12
64	Pheromone content of azinphosmethyl-susceptible and -resistant obliquebanded leafrollers (Lepidoptera: Tortricidae) as a function of time of day and female age. <i>Canadian Entomologist</i> , 2002, 134, 331-341.	0.8	11
65	Odour quality discrimination for behavioural antagonist compounds in three tortricid species. <i>Entomologia Experimentalis Et Applicata</i> , 2008, 127, 176-183.	1.4	11
66	With or without pheromone habituation: possible differences between insect orders?. <i>Pest Management Science</i> , 2018, 74, 1259-1264.	3.4	11
67	Evaluation of new volatile compounds as lures for western flower thrips and onion thrips in New Zealand and Spain. <i>New Zealand Plant Protection</i> , 2017, 67, 175-183.	0.3	11
68	A Binary Host Plant Volatile Lure Combined With Acetic Acid to Monitor Codling Moth (Lepidoptera: Tortricidae). <i>Journal of Applied Entomology</i> , 2017, 141, 729-739.	1.8	10
69	Associative Learning of Food Odor by Social Wasps in a Natural Ecosystem. <i>Journal of Chemical Ecology</i> , 2018, 44, 915-921.	1.8	10
70	Performance of Irradiated <i>Teia anartoides</i> (Lepidoptera: Lymantriidae) in Urban Auckland, New Zealand. <i>Journal of Economic Entomology</i> , 2005, 98, 1531-1538.	1.8	9
71	Communication disruption of light brown apple moth (<i>Epiphyas postvittana</i>) using a four-component sex pheromone blend. <i>Crop Protection</i> , 2012, 42, 327-333.	2.1	9
72	Evaluating the Use of Phenylacetonitrile 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

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73	Honey Norisoprenoids Attract Bumble Bee, <i>Bombus terrestris</i> , in New Zealand Mountain Beech Forests. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13065-13072.	5.2	8
74	Combining odours isolated from phylogenetically diverse sources yields a better lure for yellow jackets. <i>Pest Management Science</i> , 2016, 72, 760-769.	3.4	7
75	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
76	Climate change risk to pheromone application in pest management. <i>Die Naturwissenschaften</i> , 2021, 108, 47.	1.6	7
77	Flight and Molecular Modeling Study on the Response of Codling Moth, <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) - Section C <i>Journal of Biosciences</i> , 2000, 55, 1011-1017.	1.4	6
78	Behavioural effect of (E)-8,(Z)-10-dodecadien-1-ol and (E)-8,(E)-10-dodecadienyl acetate on the upwind orientation of male codling moth, <i>Cydia pomonella</i> pheromone source. <i>Behaviour</i> , 2004, 141, 313-325.	0.8	6
79	Locomotion Activity Meter for Quality Assessment of Mass-Reared Sterile Male Moths (Lepidoptera). <i>Florida Entomologist</i> , 2016, 99, 131-137.	0.5	6
80	Regulatory Innovation, Mating Disruption and 4-Play™ in New Zealand. <i>Journal of Chemical Ecology</i> , 2016, 42, 584-589.	1.8	6
81	(11Z,13E)-Hexadecadien-1-yl Acetate: Sex Pheromone of the Grass Webworm <i>Herpetogramma licarsalis</i> Identification, Synthesis, and Field Bioassays. <i>Journal of Chemical Ecology</i> , 2007, 33, 839-847.	1.8	5
82	Can <i>Trichogramma</i> -Tris be Used for Controlling Insects?. <i>Journal of Chemical Ecology</i> , 2007, 33, 1494-1504.	1.8	5
83	Aerosol delivery of trail pheromone disrupts the foraging of the red imported fire ant, <i>Solenopsis invicta</i> . <i>Pest Management Science</i> , 2012, 68, 1572-1578.	3.4	4
84	Caterpillar-Induced Plant Volatiles Attract Adult Tortricidae. <i>Journal of Chemical Ecology</i> , 2017, 43, 487-492.	1.8	4
85	Feeding Volatiles of Larval <i>Sparganothis pilleriana</i> (Lepidoptera: Tortricidae) Attract Heterospecific Adults of the European Grapevine Moth. <i>Environmental Entomology</i> , 2021, 50, 1286-1293.	1.4	4
86	Development and commercialisation of pheromone products in New Zealand. <i>New Zealand Plant Protection</i> , 0, 65, 267-273.	0.3	4
87	Effect of certain monounsaturated dodecene and tetradecene acetates and alcohols on electroantennogram response and pheromone-mediated trap catch of the obliquebanded leafroller. <i>Canadian Entomologist</i> , 2006, 138, 218-227.	0.8	3
88	Leafroller-induced phenylacetone nitrile and acetic acid attract adult <i>Lobesia botrana</i> in European vineyards. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 161-165.	1.4	3
89	Kairomone and Camera Trapping New Zealand Flower Thrips, <i>Thrips obscuratus</i> . <i>Insects</i> , 2020, 11, 622.	2.2	3
90	N-(3-methylbutyl)butanamide: A novel amide in the venom of female social wasps, <i>Vespula vulgaris</i> . <i>Journal of Insect Physiology</i> , 2021, 135, 104311.	2.0	3

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91	Relative Attractiveness of (10E)-Dodecen-1-yl Acetate and (4E,10E)-Dodecadien-1-yl Acetate to Male Spotted Tentiform Leafminers <i>Phyllonorycter blancardella</i> (F.). <i>Journal of Chemical Ecology</i> , 2004, 30, 1827-1838.	1.8	2
92	Sex pheromone of a North American population of the spotted tentiform leafminer, <i>Phyllonorycter blancardella</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2005, 116, 143-148.	1.4	2
93	Sex attractant for <i>Izatha peroneanella</i> (Walker) (Lepidoptera: Oecophoridae <i>sensu lato</i>), a lichen tuft moth. <i>New Zealand Entomologist</i> , 2014, 37, 93-95.	0.3	2
94	Identification of a floral-derived kairomone for currant clearwing, <i>Synanthedon tipuliformis</i> . <i>Chemoecology</i> , 2016, 26, 187-193.	1.1	2
95	Species-specific male pollinators found for three native New Zealand greenhood orchids (<i>Pterostylis</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.6	2
96	Experimental high-density trapping of social wasps: target kairomones for workers or gynes for drones?. <i>New Zealand Entomologist</i> , 2020, 43, 65-76.	0.3	2
97	Development of an efficient trapping system for New Zealand flower thrips, <i>Thrips obscuratus</i> . <i>Pest Management Science</i> , 2015, 71, 309-315.	3.4	1
98	Minor components modulate sensitivity to the pheromone antagonist Z11-14:Ac in male lightbrown apple moth, <i>Epiphyas postvittana</i> (Lepidoptera: Tortricidae) in the field. <i>New Zealand Plant Protection</i> , 0, 71, 293-298.	0.3	1
99	Reply to œone-pot synthesis of the sex pheromone homologs of a codling moth, <i>Laspeyresia pomonella</i> L. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001, 16, 59-61.	1.8	0
100	Multiple species mating disruption of leafrollers in cherries in Central Otago. <i>New Zealand Plant Protection</i> , 0, 66, 132-137.	0.3	0