

William R Morrison

List of Publications by Year in descending order

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89
papers

1,925
citations

279487

23
h-index

301761

39
g-index

89
all docs

89
docs citations

89
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Indigenous arthropod natural enemies of the invasive brown marmorated stink bug in North America and Europe. <i>Journal of Pest Science</i> , 2017, 90, 1009-1020.	1.9	137
2	The Common Asparagus Beetle and Spotted Asparagus Beetle (Coleoptera: Chrysomelidae): Identification, Ecology, and Management. <i>Journal of Integrated Pest Management</i> , 2014, 5, 1-6.	0.9	93
3	The impact of taxonomic change on conservation: Does it kill, can it save, or is it just irrelevant?. <i>Biological Conservation</i> , 2009, 142, 3201-3206.	1.9	92
4	Establishing the behavioral basis for an attract-and-kill strategy to manage the invasive <i>Halyomorpha halys</i> in apple orchards. <i>Journal of Pest Science</i> , 2016, 89, 81-96.	1.9	90
5	Attraction of the Invasive <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) to Traps Baited with Semiochemical Stimuli Across the United States. <i>Environmental Entomology</i> , 2015, 44, 746-756.	0.7	86
6	Chemical ecology of <i>Halyomorpha halys</i> : discoveries and applications. <i>Journal of Pest Science</i> , 2017, 90, 989-1008.	1.9	75
7	Frequency, efficiency, and physical characteristics of predation by generalist predators of brown marmorated stink bug (Hemiptera: Pentatomidae) eggs. <i>Biological Control</i> , 2016, 97, 120-130.	1.4	70
8	Characterizing spring emergence of adult <i>Halyomorpha halys</i> using experimental overwintering shelters and commercial pheromone traps. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 162, 336-345.	0.7	50
9	Evaluation of Trap Designs and Deployment Strategies for Capturing <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2015, 108, 1683-1692.	0.8	48
10	Monitoring and Biosurveillance Tools for the Brown Marmorated Stink Bug, <i>Halyomorpha halys</i> (Stål) (Hemiptera: Pentatomidae). <i>Insects</i> , 2018, 9, 82.	1.0	47
11	Methyl Benzoate as a Putative Alternative, Environmentally Friendly Fumigant for the Control of Stored Product Insects. <i>Journal of Economic Entomology</i> , 2019, 112, 2458-2468.	0.8	46
12	Successful management of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) in commercial apple orchards with an attract-and-kill strategy. <i>Pest Management Science</i> , 2019, 75, 104-114.	1.7	45
13	Mobility of Adult <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae) and <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae) After Exposure to Long-Lasting Insecticide-Incorporated Netting. <i>Journal of Economic Entomology</i> , 2018, 111, 2443-2453.	0.8	44
14	Behavioral Responses of the Invasive <i>Halyomorpha halys</i> (Stål) to Traps Baited with Stereoisomeric Mixtures of 10,11-Epoxy-1-bisabolen-3-OL. <i>Journal of Chemical Ecology</i> , 2015, 41, 418-429.	0.9	43
15	Sanitation Improves Stored Product Insect Pest Management. <i>Insects</i> , 2019, 10, 77.	1.0	42
16	Towards developing areawide semiochemical-mediated, behaviorally-based integrated pest management programs for stored product insects. <i>Pest Management Science</i> , 2021, 77, 2667-2682.	1.7	39
17	Predation and parasitism by native and exotic natural enemies of <i>Halyomorpha halys</i> (Stål) (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2018, 121, 140-150.	1.4	35
18	Modeling the potential range expansion of larger grain borer, <i>Prostephanus truncatus</i> (Coleoptera: Dermestidae). <i>Journal of Economic Entomology</i> , 2018, 111, 1000-1008.	1.6	32

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19	Mobility and Dispersal of Two Cosmopolitan Stored-Product Insects Are Adversely Affected by Long-Lasting Insecticide Netting in a Life Stage-Dependent Manner. <i>Journal of Economic Entomology</i> , 2020, 113, 1768-1779.	0.8	29
20	Measuring host plant selection and retention of <i>Halyomorpha halys</i> by a trap crop. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 163, 197-208.	0.7	27
21	Presence of the invasive brown marmorated stink bug <i>Halyomorpha halys</i> (Stål) (Hemiptera: Pentatomidae) on scientists. <i>Agricultural and Forest Entomology</i> , 2019, 21, 99-108.	0.7	27
22	Behavioral Responses of the Invasive <i>Halyomorpha halys</i> (Stål) (Hemiptera: Pentatomidae) to Light-Based Stimuli in the Laboratory and Field. <i>Journal of Insect Behavior</i> , 2015, 28, 674-692.	0.4	26
23	The consequences of sublethal exposure to insecticide on the survivorship and mobility of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Pest Management Science</i> , 2017, 73, 389-396.	1.7	26
24	Attraction, arrestment, and preference by immature <i>Trogoderma variabile</i> and <i>Trogoderma granarium</i> to food and pheromonal stimuli. <i>Journal of Pest Science</i> , 2020, 93, 135-147.	1.9	25
25	Spotted Wing Drosophila Prefer Low Hanging Fruit: Insights into Foraging Behavior and Management Strategies. <i>Journal of Insect Behavior</i> , 2017, 30, 645-661.	0.4	23
26	Mobility of Stored Product Beetles after Exposure to a Combination Insecticide Containing Deltamethrin, Methoprene, and a Piperonyl Butoxide Synergist Depends on Species, Concentration, and Exposure Time. <i>Insects</i> , 2020, 11, 151.	1.0	23
27	Temperature-Mediated Competition Between the Invasive Larger Grain Borer (Coleoptera: Bostrichidae) and the Cosmopolitan Maize Weevil (Coleoptera: Curculionidae). <i>Environmental Entomology</i> , 2020, 49, 255-264.	0.7	23
28	Behavioral Response of the Brown Marmorated Stink Bug (Hemiptera: Pentatomidae) to Semiochemicals Deployed Inside and Outside Anthropogenic Structures During the Overwintering Period. <i>Journal of Economic Entomology</i> , 2017, 110, 1002-1009.	0.8	21
29	Attraction of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) haplotypes in North America and Europe to baited traps. <i>Scientific Reports</i> , 2017, 7, 16941.	1.6	21
30	Identification of volatiles released by diapausing brown marmorated stink bug, <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>PLoS ONE</i> , 2018, 13, e0191223.	1.1	21
31	The biology, ecology and management of the larger grain borer, <i>Prostephanus truncatus</i> (Horn) (Coleoptera: Bostrichidae). <i>Journal of Stored Products Research</i> , 2021, 94, 101860.	1.2	21
32	Inclusion of Specialist and Generalist Stimuli in Attract-and-Kill Programs: Their Relative Efficacy in Apple Maggot Fly (Diptera: Tephritidae) Pest Management. <i>Environmental Entomology</i> , 2016, 45, 974-982.	0.7	20
33	Predation of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) from Web-Building Spiders Associated with Anthropogenic Dwellings. <i>Journal of Insect Behavior</i> , 2017, 30, 70-85.	0.4	20
34	Methodology for Assessing Progeny Production and Grain Damage on Commodities Treated with Insecticides. <i>Agronomy</i> , 2020, 10, 804.	1.3	20
35	Long-Lasting Insecticide-Incorporated Netting and Interception Traps at Pilot-Scale Warehouses and Commercial Facilities Prevents Infestation by Stored Product Beetles. <i>Frontiers in Sustainable Food Systems</i> , 2021, 4, .	1.8	20
36	Attraction of the invasive <i>Halyomorpha halys</i> in its native Asian range to traps baited with semiochemical stimuli. <i>Journal of Pest Science</i> , 2017, 90, 1205-1217.	1.9	19

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37	Behavioural response of the invasive <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) to host plant stimuli augmented with semiochemicals in the field. <i>Agricultural and Forest Entomology</i> , 2018, 20, 62-72.	0.7	19
38	Enhanced Response of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) to Its Aggregation Pheromone with Ethyl Decatrienoate. <i>Journal of Economic Entomology</i> , 2018, 111, 495-499.	0.8	16
39	Invasion of the Brown Marmorated Stink Bug (Hemiptera: Pentatomidae) into the United States: Developing a National Response to an Invasive Species Crisis Through Collaborative Research and Outreach Efforts. <i>Journal of Integrated Pest Management</i> , 2020, 11, .	0.9	16
40	Improved Trap Designs and Retention Mechanisms for <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2018, 111, 2136-2142.	0.8	15
41	Influence of Landscape Factors and Abiotic Conditions on Dispersal Behavior and Overwintering Site Selection by <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2020, 113, 2016-2021.	0.8	15
42	Constraints on Asparagus Production: The Association of <i>Ophiomyia simplex</i> (Diptera: Agromyzidae) and <i>Tyroglyphus putrescentiae</i> (Acari: Tetranychidae) on Asparagus. <i>Journal of Economic Entomology</i> , 2014, 107, 542-549.	0.8	14
43	Aeration to Manage Insects in Wheat Stored in the Balkan Peninsula: Computer Simulations Using Historical Weather Data. <i>Agronomy</i> , 2020, 10, 1927.	1.3	14
44	Border Habitat Effects on Captures of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) in Pheromone Traps and Fruit Injury at Harvest in Apple and Peach Orchards in the Mid-Atlantic, USA. <i>Insects</i> , 2021, 12, 419.	1.0	14
45	A Systematic Review of the Behavioral Responses by Stored-Product Arthropods to Individual or Blends of Microbially Produced Volatile Cues. <i>Insects</i> , 2021, 12, 391.	1.0	12
46	The development of the asparagus miner (<i>Ophiomyia simplex</i> Loew; Diptera: Agromyzidae) in temperate zones: a degree-day model. <i>Pest Management Science</i> , 2014, 70, 1105-1113.	1.7	11
47	Volatile release, mobility, and mortality of diapausing <i>Halyomorpha halys</i> during simulated shipping movements and temperature changes. <i>Journal of Pest Science</i> , 2019, 92, 633-641.	1.9	11
48	Oleic acid emitted from frozen <i>Trogoderma</i> spp. larvae causes conspecific behavioral aversion. <i>Chemoecology</i> , 2020, 30, 161-172.	0.6	11
49	Characterizing and predicting sublethal shifts in mobility by multiple stored product insects over time to an old and novel contact insecticide in three key stored commodities. <i>Pest Management Science</i> , 2021, 77, 1990-2006.	1.7	11
50	Strong differences in chemical recognition cues between two closely related species of ants from the genus <i>Lasius</i> (Hymenoptera: Formicidae). <i>Journal of Evolutionary Biology</i> , 2011, 24, 2389-2397.	0.8	10
51	The Genome of <i>Rhyzopertha dominica</i> (Fab.) (Coleoptera: Bostrichidae): Adaptation for Success. <i>Genes</i> , 2022, 13, 446.	1.0	10
52	Exposure to a Novel Insecticide Formulation on Maize and Concrete Reduces Movement by the Stored Product Pests, <i>Prostephanus truncatus</i> (Horn) and <i>Sitophilus zeamais</i> (Motschulsky). <i>Frontiers in Agronomy</i> , 2022, 4, .	1.5	10
53	Patterns of Spatial and Temporal Distribution of the Asparagus Miner (Diptera: Agromyzidae): Implications for Management. <i>Journal of Economic Entomology</i> , 2013, 106, 1218-1225.	0.8	9
54	Feasibility of Using Aeration to Cool Wheat Stored in Slovenia: A Predictive Modeling Approach Using Historical Weather Data. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6066.	1.3	9

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55	Scaling recovery of susceptible and resistant stored product insects after short exposures to phosphine by using automated video tracking software. <i>Pest Management Science</i> , 2021, 77, 1245-1255.	1.7	9
56	Effectiveness of long-lasting insecticide netting on <i>Tribolium castaneum</i> is modulated by multiple exposures, biotic, and abiotic factors. <i>Pest Management Science</i> , 2021, 77, 1235-1244.	1.7	9
57	Prospects for Use of Biological Control of Insect and Mites for the Food Industry in North America. <i>Agronomy</i> , 2021, 11, 1969.	1.3	9
58	<i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) Genetic Diversity in North America and Europe. <i>Insects</i> , 2019, 10, 174.	1.0	8
59	Influence of harmonic radar tag attachment on nymphal <i>Halyomorpha halys</i> mobility, survivorship, and detectability. <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 1020-1029.	0.7	8
60	Effects of spinosad and spinetoram on larval mortality, adult emergence, progeny production and mating in <i>Cadra cautella</i> (Walk.) (Lepidoptera: Pyralidae). <i>Journal of Stored Products Research</i> , 2020, 88, 101665.	1.2	8
61	Comparative Capture of <i>Trogoderma granarium</i> and <i>T. variabile</i> in Floor Traps in Single Species Releases With Previously Captured Conspecific or Heterospecific Individuals. <i>Journal of Economic Entomology</i> , 2021, 114, 2591-2597.	0.8	8
62	Brown marmorated stink bug overwintering aggregations are not regulated through vibrational signals during autumn dispersal. <i>Royal Society Open Science</i> , 2020, 7, 201371.	1.1	8
63	Influence of Vegetation on Invertebrate Communities in Grazed Freshwater Wetlands in South-Central Florida. <i>Southeastern Naturalist</i> , 2010, 9, 453-464.	0.2	7
64	The Parasitoids of the Asparagus Miner (Diptera: Agromyzidae): Field Parasitism and the Influence of Food Resources on Life History. <i>Environmental Entomology</i> , 2014, 43, 1526-1534.	0.7	7
65	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.	1.0	7
66	Distance and height of attraction by walking and flying beetles to traps with simultaneous use of the aggregation pheromones from <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae) and <i>Rhyzopertha dominica</i> (F.) (Coleoptera: Bostrychidae). <i>Journal of Stored Products Research</i> , 2020, 89, 101705.	1.2	7
67	Microbial Volatile Organic Compounds from Tempered and Incubated Grain Mediate Attraction by a Primary but Not Secondary Stored Product Insect Pest in Wheat. <i>Journal of Chemical Ecology</i> , 2022, 48, 27-40.	0.9	7
68	Effects of aggregation pheromone concentration and distance on the trapping of <i>Rhyzopertha dominica</i> (F.) (Coleoptera: Bostrychidae) adults. <i>Journal of Stored Products Research</i> , 2020, 88, 101657.	1.2	6
69	Effect of Pheromones, Plant Volatiles and Spinosad on Mating, Male Attraction and Burrowing of <i>Cadra cautella</i> (Walk.) (Lepidoptera: Pyralidae). <i>Insects</i> , 2020, 11, 845.	1.0	6
70	Pest Management in the Postharvest Agricultural Supply Chain Under Climate Change. <i>Frontiers in Agronomy</i> , 0, 4, .	1.5	6
71	Novel implementation of laser ablation tomography as an alternative technique to assess grain quality and internal insect development in stored products. <i>Journal of Stored Products Research</i> , 2020, 86, 101552.	1.2	5
72	Mobility of Phosphine-Susceptible and -Resistant <i>Rhyzopertha dominica</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 T	0.8	5
	Controlled Release Materials With Existing and Novel Active Ingredients. <i>Journal of Economic Entomology</i> , 2022, 115, 888-903.		

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73	Competition between <i>Prostephanus truncatus</i> and <i>Sitophilus oryzae</i> on maize: the species that gets there first matters. <i>Bulletin of Entomological Research</i> , 2022, 112, 520-527.	0.5	5
74	The Influence of Marking Methods on Mobility, Survivorship, and Field Recovery of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) Adults and Nymphs. <i>Environmental Entomology</i> , 2020, 49, 1026-1031.	0.7	4
75	Evaluation of dosimeter tubes for monitoring phosphine fumigations. <i>Journal of Stored Products Research</i> , 2021, 91, 101762.	1.2	4
76	Evaluations of the new deltamethrin-treated all-in-one hermetic bag for the control of the Khapra beetle, <i>Trogoderma granarium</i> (Everts). <i>Journal of Stored Products Research</i> , 2021, 93, 101839.	1.2	4
77	OUP accepted manuscript. <i>Journal of Economic Entomology</i> , 2022, 115, 344-352.	0.8	4
78	Modeling of <i>Sitophilus oryzae</i> (L.) (Coleoptera: Curculionidae) based on historical weather data indicates aeration is effective for management of wheat stored in Greece. <i>Computers and Electronics in Agriculture</i> , 2022, 197, 106926.	3.7	4
79	Attractiveness of Pheromone Components With and Without the Synergist, Methyl (2E,4E,6Z)-2,4,6-Decatrienoate, to Brown Marmorated Stink Bug (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2020, 113, 712-719.	0.8	3
80	Effect of Pheromone Blend Components, Sex Ratio, and Population Size on the Mating of <i>Cadra cautella</i> (Lepidoptera: Pyralidae). <i>Journal of Insect Science</i> , 2020, 20, .	0.6	3
81	Long-Lasting Insecticide-Treated Netting Affects Reproductive Output and Mating Behavior in <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae) and <i>Trogoderma variabile</i> (Coleoptera: Tenebrionidae). <i>Journal of Economic Entomology</i> , 2022, 115, 877-887.	0.8	2
82	Orientation of <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae) adults to 4,8-dimethyldecanal, kairomone and botanical oils following ambient, low, or high temperature exposure. <i>Journal of Stored Products Research</i> , 2021, 94, 101893.	1.2	3
83	Behavioural responses of diapausing <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) to conspecific volatile organic compounds. <i>Journal of Applied Entomology</i> , 2022, 146, 319-327.	0.8	2
84	A Biomass Pyrolysis Oil as a Novel Insect Growth Regulator Mimic for a Variety of Stored Product Beetles. <i>Journal of Economic Entomology</i> , 2022, 115, 877-887.	0.8	2
85	Influence of Holding Conditions and Storage Duration of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) on its Reproductive Output and Mating Behavior. <i>Journal of Economic Entomology</i> , 2022, 115, 877-887.	0.7	1
86	Back Cover: Cover Image, Volume 75, Issue 1. <i>Pest Management Science</i> , 2019, 75, iii.	1.7	0
87	Back Cover Image, Volume 77, Issue 6. <i>Pest Management Science</i> , 2021, 77, .	1.7	0
88	Using the latest generation of harmonic radar and microtags to track the retention capacity of the invasive brown marmorated stink bug in vegetables and tree fruit augmented with semiochemicals. <i>Journal of Applied Entomology</i> , 2016, .		0
89	Field Trapping and Flight Capacity of <i>Eucosma giganteana</i> (Riley) (Lepidoptera: Tortricidae) in Response to Behaviorally Active Congeneric Semiochemicals in Novel Silflower Agroecosystems. <i>Insects</i> , 2022, 13, 350.	1.0	0