

Francis P F Reay-Jones

List of Publications by Year in descending order

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82
papers

1,360
citations

331642

21
h-index

434170

31
g-index

82
all docs

82
docs citations

82
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of Soybean Yield Components by <i>Megacopta cribraria</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	62
2	Spatial and Temporal Patterns of Stink Bugs (Hemiptera: Pentatomidae) in Wheat. Environmental Entomology, 2010, 39, 944-955.	1.4	50
3	Inhibition of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) Growth by Transgenic Corn Expressing Bt Toxins and Development of Resistance to Cry1Ab. Environmental Entomology, 2015, 44, 1275-1285.	1.4	48
4	Susceptibility of Corn Earworm (Lepidoptera: Noctuidae) to Cry1A.105 and Cry2Ab2 in North and South Carolina. Journal of Economic Entomology, 2019, 112, 1845-1857.	1.8	48
5	Integrated Tactics for Managing the Mexican Rice Borer (Lepidoptera: Crambidae) in Sugarcane. Environmental Entomology, 2005, 34, 1558-1565.	1.4	47
6	Spatial Dynamics of Stink Bugs (Hemiptera: Pentatomidae) and Associated Boll Injury in Southeastern Cotton Fields. Environmental Entomology, 2010, 39, 956-969.	1.4	45
7	Effects of Adjacent Habitat on Populations of Stink Bugs (Heteroptera: Pentatomidae) in Cotton as Part of a Variable Agricultural Landscape in South Carolina. Environmental Entomology, 2010, 39, 1420-1427.	1.4	43
8	Resistance to the Mexican Rice Borer (Lepidoptera: Crambidae) Among Louisiana and Texas Sugarcane Cultivars. Journal of Economic Entomology, 2003, 96, 1929-1934.	1.8	41
9	Pest Status and Management of Corn Earworm (Lepidoptera: Noctuidae) in Field Corn in the United States. Journal of Integrated Pest Management, 2019, 10, .	2.0	40
10	Development of Economic Thresholds for Sugarcane Aphid (Hemiptera: Aphididae) in Susceptible Grain Sorghum Hybrids. Journal of Economic Entomology, 2019, 112, 1251-1259.	1.8	37
11	Movement of Mexican Rice Borer (Lepidoptera: Crambidae) Through the Texas Rice Belt. Journal of Economic Entomology, 2007, 100, 54-60.	1.8	34
12	Sampling Stink Bugs (Hemiptera: Pentatomidae) for Population Estimation and Pest Management in Southeastern Cotton Production. Journal of Economic Entomology, 2009, 102, 2360-2370.	1.8	34
13	Sweet Corn Sentinel Monitoring for Lepidopteran Field-Evolved Resistance to Bt Toxins. Journal of Economic Entomology, 2021, 114, 307-319.	1.8	33
14	Economic assessment of controlling stem borers (Lepidoptera: Crambidae) with insecticides in Texas rice. Crop Protection, 2007, 26, 963-970.	2.1	31
15	Within-Field Spatial Distribution of <i>Megacopta cribraria</i> (Hemiptera: Plataspidae) in Soybean (Fabales: Fabaceae). Environmental Entomology, 2013, 42, 1363-1374.	1.4	30
16	Impact of Corn Earworm Injury on Yield of Transgenic Corn Producing Bt Toxins in the Carolinas. Journal of Economic Entomology, 2014, 107, 1101-1109.	1.8	29
17	Extended investigation of field-evolved resistance of the corn earworm <i>Helicoverpa zea</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 States. Journal of Invertebrate Pathology, 2021, 183, 107560.	3.2	26
18	Effects of Bt Corn on the Development and Fecundity of Corn Earworm (Lepidoptera: Noctuidae). Journal of Economic Entomology, 2018, 111, 2233-2241.	1.8	25

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19	Spatial Analysis of the Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Wheat. <i>Environmental Entomology</i> , 2012, 41, 1516-1526.	1.4	24
20	Predicting Economic Losses from the Continued Spread of the Mexican Rice Borer (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.8	24
21	Spatial Distribution of the Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Wheat. <i>Environmental Entomology</i> , 2010, 39, 1943-1952.	1.4	23
22	Impact of Lepidoptera (Crambidae, Noctuidae, and Pyralidae) Pests on Corn Containing Pyramided Bt Traits and a Blended Refuge in the Southern United States. <i>Journal of Economic Entomology</i> , 2016, 109, 1859-1871.	1.8	23
23	Populations of <i>Helicoverpa zea</i> (Boddie) in the Southeastern United States are Commonly Resistant to Cry1Ab, but Still Susceptible to Vip3Aa20 Expressed in MIR 162 Corn. <i>Toxins</i> , 2021, 13, 63.	3.4	23
24	Role of Oviposition Preference in an Invasive Crambid Impacting Two Gramineous Host Crops. <i>Environmental Entomology</i> , 2007, 36, 938-951.	1.4	23
25	Spatial and Temporal Dynamics of Stink Bugs in Southeastern Farmscapes. <i>Journal of Insect Science</i> , 2015, 15, 23-23.	1.5	22
26	Lepidoptera (Crambidae, Noctuidae, and Pyralidae) Injury to Corn Containing Single and Pyramided Bt Traits, and Blended or Block Refuge, in the Southern United States. <i>Journal of Economic Entomology</i> , 2015, 108, 157-165.	1.8	21
27	Within-Plant Distribution and Dynamics of Thrips Species (Thysanoptera: Thripidae) in Cotton. <i>Journal of Economic Entomology</i> , 2017, 110, 1563-1575.	1.8	21
28	Mouthpart morphology and feeding behavior of the invasive kudzu bug, <i>Megacopta cribraria</i> (Hemiptera: Plataspidae). <i>Invertebrate Biology</i> , 2017, 136, 309-320.	0.9	21
29	Molecular Identification of Thrips Species Infesting Cotton in the Southeastern United States. <i>Journal of Economic Entomology</i> , 2018, 111, 892-898.	1.8	21
30	Development, survival, and feeding behavior of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) relative to Bt protein concentrations in corn ear tissues. <i>PLoS ONE</i> , 2019, 14, e0221343.	2.5	18
31	Movement of Mexican Rice Borer (Lepidoptera: Crambidae) Through the Texas Rice Belt. <i>Journal of Economic Entomology</i> , 2007, 100, 54-60.	1.8	17
32	Resistance to Stem Borers (Lepidoptera: Crambidae) Among Texas Rice Cultivars. <i>Journal of Economic Entomology</i> , 2006, 99, 1867-1876.	1.8	16
33	Sugarcane Borer (Lepidoptera: Crambidae) Management Threshold Assessment on Four Sugarcane Cultivars. <i>Journal of Economic Entomology</i> , 2006, 99, 966-971.	1.8	15
34	Development of Sampling Plans For Cotton Bolls Injured by Stink Bugs (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2010, 103, 525-532.	1.8	14
35	<i>Agamermis</i> (Nematoda: Mermithidae) Infection in South Carolina Agricultural Pests. <i>Journal of Nematology</i> , 2016, 48, 290-296.	0.9	14
36	Reduced Susceptibility to Tebufenozide in Populations of the Sugarcane Borer (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	1.8	13

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37	Spatial Distribution of Stink Bugs (Hemiptera: Pentatomidae) in Wheat. <i>Journal of Insect Science</i> , 2014, 14, 1-22.	1.5	13
38	First report of a mermithid nematode infecting the invasive <i>Megacopta cribraria</i> (Hemiptera: Pentatomidae). <i>Environmental Entomology</i> , 2013, 42, 1020-1026.	3.2	15
39	Action Thresholds for Managing <i>Megacopta cribraria</i> (Hemiptera: Plataspidae) in Soybean Based on Sweep-Net Sampling. <i>Journal of Economic Entomology</i> , 2015, 108, 1818-1829.	1.8	13
40	The Corn-Cotton Agroecosystem in the Mid-Southern United States: What Insecticidal Event Pyramids Should be Used in Each Crop to Extend Vip3A Durability. <i>Journal of Economic Entomology</i> , 2019, 112, 2894-2906.	1.8	12
41	Combining host plant resistance and foliar insecticide application to manage <i>Melanaphis sacchari</i> (Hemiptera: Aphididae) in grain sorghum. <i>International Journal of Pest Management</i> , 2021, 67, 10-19.	1.8	12
42	Harmonic Radar Tagging for Tracking Movement of <i>Nezara viridula</i> (Hemiptera: Pentatomidae). <i>Environmental Entomology</i> , 2013, 42, 1020-1026.	1.4	11
43	Decline in Sublethal Effects of Bt Corn on Corn Earworm (Lepidoptera: Noctuidae) Linked to Increasing Levels of Resistance. <i>Journal of Economic Entomology</i> , 2020, 113, 2241-2249.	1.8	11
44	Resistance Allele Frequency to Cry1Ab and Vip3Aa20 in <i>Helicoverpa zea</i> (Boddie) (Lepidoptera: Tortricidae). <i>Journal of Economic Entomology</i> , 2019, 112, 699-707.	3.4	11
45	Evaluating the Performance of Transgenic Corn Producing <i>Bacillus thuringiensis</i> Toxins in South Carolina. <i>Journal of Agricultural and Urban Entomology</i> , 2009, 26, 77-86.	0.6	10
46	Insect Diversity in Switchgrass Grown for Biofuel in South Carolina. <i>Journal of Agricultural and Urban Entomology</i> , 2010, 27, 1-19.	0.6	10
47	Developing Sampling Plans for the Invasive <i>Megacopta cribraria</i> (Hemiptera: Pentatomidae). <i>Journal of Economic Entomology</i> , 2019, 112, 699-707.	1.8	10
48	Effects of Planting Date on Thrips (Thysanoptera: Thripidae) in Cotton. <i>Journal of Economic Entomology</i> , 2019, 112, 699-707.	1.8	10
49	Effects of Nitrogen Fertilizer Applied Before Permanent Flood on the Interaction Between Rice and Rice Water Weevil (Coleoptera: Curculionidae). <i>Journal of Economic Entomology</i> , 2006, 99, 2030-2037.	1.8	10
50	Evaluation of New Transgenic Corn Hybrids Producing Multiple <i>Bacillus thuringiensis</i> Toxins in South Carolina. <i>Journal of Entomological Science</i> , 2011, 46, 152-164.	0.3	9
51	<i>Megacopta cribraria</i> (Hemiptera: Plataspidae) Population Dynamics in Soybeans as Influenced by Planting Date, Maturity Group, and Insecticide Use. <i>Journal of Economic Entomology</i> , 2016, 109, 1141-1155.	1.8	9
52	Spatial Distributions of Thrips (Thysanoptera: Thripidae) in Cotton. <i>Journal of Insect Science</i> , 2019, 19, 1-10.	1.5	9
53	Effectiveness of the natural resistance management refuge for Bt-cotton is dominated by local abundance of soybean and maize. <i>Scientific Reports</i> , 2021, 11, 17601.	3.3	9
54	Residual Efficacy of Insecticides Applied to Exterior Building Material Surfaces for Control of Nuisance Infestations of <i>Megacopta cribraria</i> (Hemiptera: Plataspidae). <i>Journal of Economic Entomology</i> , 2013, 106, 2448-2456.	1.8	8

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55	Aggregation and Association of NDVI, Boll Injury, and Stink Bugs in North Carolina Cotton. <i>Journal of Insect Science</i> , 2015, 15, 134.	1.5	8
56	<i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) feeding incidence and survival on <i>Bt</i> maize in relation to maize in the landscape. <i>Pest Management Science</i> , 2022, 78, 2309-2315.	3.4	8
57	Within-Field Spatial Distribution of Stink Bug (Hemiptera: Pentatomidae)-Induced Boll Injury in Commercial Cotton Fields of the Southeastern United States. <i>Environmental Entomology</i> , 2014, 43, 744-752.	1.4	7
58	Stability of Spatial Distributions of Stink Bugs, Boll Injury, and NDVI in Cotton. <i>Environmental Entomology</i> , 2016, 45, 1243-1254.	1.4	7
59	Geostatistical Characterization of Cereal Leaf Beetle (Coleoptera: Chrysomelidae) Distributions in Wheat. <i>Environmental Entomology</i> , 2017, 46, 931-938.	1.4	7
60	Evaluation of Insecticide Thresholds in Late-Planted Bt and Non-Bt Corn for Management of Fall Armyworm (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 2020, 113, 814-823.	1.8	7
61	Review: Gold for the Sultan: Western Bankers and Ottoman Finance, 1856â€“1881â€“ Christopher Clay. <i>Journal of Islamic Studies</i> , 2003, 14, 98-100.	0.0	6
62	Spatial Distribution of <i>Megacopta cribraria</i> (Hemiptera: Plataspidae) Adults, Eggs and Parasitism by <i>Paratelenomus saccharalis</i> (Hymenoptera: Platygasteridae) in Soybean. <i>Environmental Entomology</i> , 2017, 46, 1292-1298.	1.4	6
63	A Novel, Economical Way to Assess Virulence in Field Populations of Hessian Fly (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 110, 1863-1868.	1.8	6
64	Influence of Sorghum Cultivar, Nitrogen Fertilization, and Insecticides on Infestations of the Sugarcane Aphid (Hemiptera: Aphididae) in the Southern United States. <i>Journal of Economic Entomology</i> , 2020, 113, 1850-1857.	1.8	6
65	Field Assessment of Aphid Doubling Time and Yield of Sorghum Susceptible and Partially Resistant to Sugarcane Aphid (Hemiptera: Aphididae). <i>Journal of Economic Entomology</i> , 2021, 114, 2076-2087.	1.8	6
66	Mechanisms of Soybean Host-Plant Resistance Against <i>Megacopta cribraria</i> (Hemiptera: Plataspidae). <i>Environmental Entomology</i> , 2020, 49, 876-885.	1.4	5
67	Spatial Associations of Key Lepidopteran Pests With Defoliation, NDVI, and Plant Height in Soybean. <i>Environmental Entomology</i> , 2021, 50, 1378-1392.	1.4	5
68	Management of <i>Megacopta cribraria</i> (Hemiptera: Plataspidae) at Different Stages of Soybean (Fabales: Fabaceae) Development. <i>Journal of Economic Entomology</i> , 2016, 109, 1167-1176.	1.8	4
69	Location of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) larvae on different plant parts of determinate and indeterminate soybean. <i>Bulletin of Entomological Research</i> , 2020, 110, 725-731.	1.0	4
70	Vertical and temporal distribution of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) larvae in determinate and indeterminate soybean. <i>Bulletin of Entomological Research</i> , 2021, 111, 282-288.	1.0	4
71	Soybean Host Plant Resistance to <i>Megacopta cribraria</i> (Hemiptera: Plataspidae) and the Potential Role of Leaf Trichome Density. <i>Environmental Entomology</i> , 2020, 49, 88-97.	1.4	3
72	Estimation of resistance allele frequencies to Cry1A.105 and Cry2Ab2 in the corn earworm (Lepidoptera: Noctuidae) with F2 isolines generated from a mass-mating method. <i>Crop Protection</i> , 2022, 161, 106054.	2.1	3

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73	Distribution of <i>Pseudacteon</i> spp. (Diptera: Phoridae), biological control agents of <i>Solenopsis</i> spp. (Hymenoptera: Formicidae), in Louisiana and associated prevalence of <i>Kneallhazia solenopsae</i> (Microsporidia: Thelohaniidae). <i>Biological Control</i> , 2014, 77, 93-100.	3.0	2
74	Host Preference of the Parasitoid <i>Trichopoda pennipes</i> (Diptera: Tachinidae) with <i>Euschistus servus</i> and <i>Nezara viridula</i> (Hemiptera: Pentatomidae). <i>Journal of Entomological Science</i> , 2014, 49, 56-62.	0.3	2
75	Assessment of a Cross-Vane Trap as a Tool for Sampling the Invasive <i>Megacopta cribraria</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Ove <i>Entomology</i> , 2016, 45, 1262-1270.	1.4	2
76	Sampling Transgenic Corn Producing Bt Toxins for Corn Earworm Injury. <i>Journal of Economic Entomology</i> , 2018, 111, 1446-1453.	1.8	2
77	Sampling Optimization and Crop Interface Effects on <i>Lygus lineolaris</i> Populations in Southeastern USA Cotton. <i>Insects</i> , 2022, 13, 88.	2.2	2
78	Sugarcane Aphid (Hemiptera: Aphididae) on Sorghum. I. Population Characteristics and Dispersion Patterns in Relation to Different Sample Unit Sizes. <i>Environmental Entomology</i> , 2021, 50, 489-503.	1.4	1
79	Associating Site Characteristics With Distributions of Pestiferous and Predaceous Arthropods in Soybean. <i>Environmental Entomology</i> , 2021, 50, 477-488.	1.4	1
80	GREENHOUSE TRAY DRENCH INSECTICIDE APPLICATIONS FOR INSECT CONTROL ON TOBACCO IN SOUTH CAROLINA, 2007. <i>Arthropod Management Tests</i> , 2008, 33, .	0.1	0
81	FOLIAR APPLICATIONS OF INSECTICIDE FOR TOBACCO BUDWORM AND TOBACCO HORNWORM CONTROL ON TOBACCO IN SOUTH CAROLINA, 2010. <i>Arthropod Management Tests</i> , 2011, 36, .	0.1	0
82	F91. <i>Arthropod Management Tests</i> , 0, 37, .	0.1	0