Allan T Showler

List of Publications by Year
in descending order

50 papers	851 citations	471509 17 h-index	580821 25 g-index
50 all docs	50 docs citations	50 times ranked	536 citing authors

#	Article	IF	Citations
1	Locust 1 (Orthoptera: Acrididae) Outbreak in Africa and Asia, 1992â€“1994: An Overview. American Entomologist, 1995, 41, 179-185.	0.2	57
2	Effects of drought stressed cotton, Gossypium hirsutum L., on beet armyworm, Spodoptera exigua (HÃ¼bner), oviposition, and larval feeding preferences and growth. Journal of Chemical Ecology, 2003, 29, 1997-2011.	1.8	48
3	Effects of Weeds on Selected Arthropod Herbivore and Natural Enemy Populations, and on Cotton Growth and Yield. Environmental Entomology, 2003, 32, 39-50.	1.4	48
4	Effects of water deficit stress, shade, weed competition, and kaolin particle film on selected foliar free amino acid accumulations in cotton, Gossypium hirsutum (L.). Journal of Chemical Ecology, 2002, 28, 631-651.	1.8	47
5	Spodoptera exigua oviposition and larval feeding preferences for pigweed, Amaranthus hybridus, over squaring cotton, Gossypium hirsutum, and a comparison of free amino acids in each host plant. , 2001, 27, 2013-2028.		40
6	Influence of drought stress on Mexican rice borer (Lepidoptera: Crambidae) oviposition preference in sugarcane. Crop Protection, 2010, 29, 415-421.	2.1	38
7	Effects of kaolin particle film on beet armyworm, Spodoptera exigua (HÃ¼bner) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Agriculture, Ecosystems and Environment, 2003, 95, 265-271.	5.3	37
8	A summary of control strategies for the desert locust, Schistocerca gregaria (ForskÃ¥l). Agriculture, Ecosystems and Environment, 2002, 90, 97-103.	5.3	31
9	Subtropical boll weevil ecology. American Entomologist, 2007, 53, 240-249.	0.2	29
10	A Relative Resistance Ratio for Evaluation of Mexican Rice Borer (Lepidoptera: Crambidae) Susceptibility Among Sugarcane Cultivars. Journal of Economic Entomology, 2015, 108, 1363-1370.	1.8	28
11	Mexican Rice Borer (Lepidoptera: Crambidae) Oviposition Site Selection Stimuli on Sugarcane, and Potential Field Applications. Journal of Economic Entomology, 2010, 103, 1180-1186.	1.8	26
12	Alternate crop and weed host plant oviposition preferences by the Mexican rice borer (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	25
13	Roles of Host Plants in Boll Weevil Range Expansion beyond Tropical Mesoamerica. American Entomologist, 2009, 55, 234-243.	0.2	23
14	Desert Locust Control: The Effectiveness of Proactive Interventions and the Goal of Outbreak Prevention. American Entomologist, 2019, 65, 180-191.	0.2	22
15	Early Intervention against Desert Locusts: Current Proactive Approach and the Prospect of Sustainable Outbreak Prevention. Agronomy, 2021, 11, 312.	3.0	22
16	Mexican Rice Borer (Lepidoptera: Crambidae) Injury to Corn Greater Than to Sorghum and Sugarcane Under Field Conditions. Journal of Economic Entomology, 2012, 105, 1597-1602.	1.8	21
17	Botanically Based Repellent and Insecticidal Effects Against Horn Flies and Stable Flies (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	20
18	Effects of compost and chicken litter on soil nutrition, and sugarcane physiochemistry, yield, and injury caused by Mexican rice borer, Eoreuma loftini (Dyar) (Lepidoptera: Crambidae). Crop Protection, 2015, 71, 1-11.	2.1	19

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19	Incidence and Ramifications of Armed Conflict in Countries with Major Desert Locust Breeding Areas. Agronomy, 2021, 11, 114.	3.0	17
20	Associations between host plant concentrations of selected biochemical nutrients and <scp>M</scp>exican rice borer, <scp>E</scp>oreuma loftini, infestation. Entomologia Experimentalis Et Applicata, 2014, 151, 135-143.	1.4	16
21	Lethal Effects of Silica Gel-Based CimeXa and Kaolin-Based Surround Dusts Against Ixodid (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	16
22	Rhipicephalus (Boophilus) microplus (Ixodida: Ixodidae) Larvae Collected From Vegetation in the Coastal Wildlife Corridor of Southern Texas and Research Solutions for Integrated Eradication. Journal of Medical Entomology, 2020, 57, 1305-1309.	1.8	15
23	Selected Abiotic and Biotic Environmental Stress Factors Affecting Two Economically Important Sugarcane Stalk Boring Pests in the United States. Agronomy, 2016, 6, 10.	3.0	14
24	Relationships of Salinity, Relative Humidity, Mud Flat Fiddler Crabs, Ants, and Sea Ox-Eye Daisy With Ixodid Distribution and Egg Survival on the South Texas Coastal Plains. Environmental Entomology, 2019, 48, 733-746.	1.4	13
25	Lethal and Repellent Effects of the Botanicalp-Anisaldehyde onMusca domestica(Diptera:) Tj ETQq1 1 0.784314 rgBT /O	1.8	13
26	Landscape Ecology of Rhipicephalus (Boophilus) microplus (Ixodida: Ixodidae) Outbreaks in the South Texas Coastal Plain Wildlife Corridor Including Man-Made Barriers. Environmental Entomology, 2020, 49, 546-552.	1.4	13
27	Mexican Rice Borer, Eoreuma loftini (Dyar) (Lepidoptera: Crambidae): Range Expansion, Biology, Ecology, Control Tactics, and New Resistance Factors in United States Sugarcane. American Entomologist, 2017, 63, 36-51.	0.2	12
28	Effects of the Botanical Compound p-Anisaldehyde on Horn Fly (Diptera: Muscidae) Repellency, Mortality, and Reproduction. Journal of Medical Entomology, 2018, 55, 183-192.	1.8	12
29	The importance of armed conflict to Desert Locust control, 1986â€“2002. Journal of Orthoptera Research, 2003, 12, 127-133.	1.0	11
30	Kaolin particle film associated with increased cotton aphid infestations in cotton. Entomologia Experimentalis Et Applicata, 2007, 124, 55-60.	1.4	11
31	Desert Locust Episode in Pakistan, 2018â€“2021, and the Current Status of Integrated Desert Locust Management. Journal of Integrated Pest Management, 2022, 13, .	2.0	11
32	Transgenic Bt corn varietal resistance against the Mexican rice borer, Eoreuma loftini (Dyar) (Lepidoptera: Crambidae) and implications to sugarcane. Crop Protection, 2013, 48, 57-62.	2.1	10
33	Botanical Compound p-Anisaldehyde Repels Larval Lone Star Tick (Acari: Ixodidae), and Halts Reproduction by Gravid Adults. Journal of Medical Entomology, 2018, 55, 200-209.	1.8	10
34	Lethal Effects of a Commercial Diatomaceous Earth Dust Product on Amblyomma americanum (Ixodida:) Tj ETQq0 0 0 rgBT /Overlock 10	1.8	9
35	Efficacy of Novaluron + Pyriproxyfen (Tekko Pro) Insect Growth Regulators Against Amblyomma americanum (Acari: Ixodidae), Rhipicephalus (Boophilus) annulatus, Rhipicephalus (Boophilus) microplus, and Rhipicephalus sanguineus. Journal of Medical Entomology, 2019, 56, 1338-1345.	1.8	8
36	Do Boll Weevils Really Diapause?. American Entomologist, 2010, 56, 100-105.	0.2	7

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37	Lethal Effects of a Silica Gel + Thyme Oil (EcoVia) Dust and Aqueous Suspensions on Amblyomma americanum (Ixodida: Ixodidae) Larvae and Nymphs. Journal of Medical Entomology, 2020, 57, 1516-1524.	1.8	7
38	Mexican Rice Borer Control Tactics in United States Sugarcane. Insects, 2019, 10, 160.	2.2	6
39	Biosurveillance and Research Needs Involving Area-Wide Systematic Active Sampling to Enhance Integrated Cattle Fever Tick (Ixodida: Ixodidae) Eradication. Journal of Medical Entomology, 2021, 58, 1601-1609.	1.8	6
40	Integrative Alternative Tactics for Ixodid Control. Insects, 2022, 13, 302.	2.2	6
41	Phomopsis amaranthicola and Microsphaeropsis amaranthi Symptoms on Amaranthus spp. Under South Texas Conditions. Plant Disease, 2007, 91, 1638-1646.	1.4	5
42	Soil Quality Influences Efficacy of <I>Melia azedarach</I> (Sapindales: Meliaceae), Fruit Extracts Against <I>Rhipicephalus</I> (<I>Boophilus</I>) <I>microplus</I> (Acari: Ixodidae). Annals of the Entomological Society of America, 2014, 107, 484-489.	2.5	4
43	Lethal Effects of a Silica Gel + Pyrethrins (Drione) on Amblyomma americanum (Ixodida: Ixodidae) Larvae and Nymphs. Journal of Medical Entomology, 2020, 57, 1864-1871.	1.8	4
44	CHEMICAL CONTROL OF THE MEXICAN RICE BORER IN THE LOWER RIO GRANDE VALLEY OF TEXAS, 2008. Arthropod Management Tests, 2009, 34, .	0.1	3
45	Suppression of greasy spot disease caused by Mycosphaerella citri Whiteside on grapefruit trees in an organic orchard using an aqueous organic mixture of composted cornmeal, humic acid, molasses, and fish oil versus vegetable oil. Crop Protection, 2017, 99, 137-143.	2.1	3
46	The arundo wasp, <scp>T</scp>etramesa romana, does not control giant river reed, <scp>A</scp>rundo donax, in <scp>T</scp>exas, <scp>USA</scp>. Entomologia Experimentalis Et Applicata, 2018, 166, 883-893.	1.4	3
47	Effects of Silica-Based CimeXa and Drione Dusts Against Lone Star Tick (Ixodida: Ixodidae) on Cattle. Journal of Medical Entomology, 2019, 57, 485-492.	1.8	3
48	Repellency of p-Anisaldehyde Against Musca domestica (Diptera: Muscidae) in the Laboratory. Journal of Medical Entomology, 2021, 58, 2314-2320.	1.8	1
49	Lethal Effects of Commercial Kaolin Dust and Silica Aerogel Dust With and Without Botanical Compounds on Horn Fly Eggs, Larvae, Pupae, and Adults in the Laboratory. Journal of Medical Entomology, 2021, , .	1.8	1
50	Sublethal effects of malathion on boll weevil (Coleoptera: Curculionidae) fecundity when maintained on cotton squares or artificial diet. Insect Science, 2006, 13, 287-292.	3.0	0