

Joseph S Elkinton

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,203
citations

516710

16
h-index

395702

33
g-index

50
all docs

50
docs citations

50
times ranked

956
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Biological Control Introduction on Three Nontarget Native Species of Saturniid Moths. <i>Conservation Biology</i> , 2000, 14, 1798-1806.	4.7	220
2	MEASURING AND TESTING FOR SPATIAL SYNCHRONY. <i>Ecology</i> , 2001, 82, 1668-1679.	3.2	161
3	EFFECTS OF SYNCHRONY WITH HOST PLANT ON POPULATIONS OF A SPRING-FEEDING LEPIDOPTERAN. <i>Ecology</i> , 2000, 81, 1248-1261.	3.2	103
4	Mysterious Origin of <i>Entomopha malmalga</i> in North America. <i>American Entomologist</i> , 1995, 41, 31-43.	0.2	78
5	IMPLICATING AN INTRODUCED GENERALIST PARASITOID IN THE INVASIVE BROWNTAIL MOTH'S ENIGMATIC DEMISE. <i>Ecology</i> , 2006, 87, 2664-2672.	3.2	54
6	Range expansion and population dynamics of co-occurring invasive herbivores. <i>Biological Invasions</i> , 2008, 10, 201-213.	2.4	54
7	Effects of alternative prey on predation by small mammals on gypsy moth pupae. <i>Population Ecology</i> , 2004, 46, 171.	1.2	51
8	Predation of beech seed by mice: effects of numerical and functional responses. <i>Journal of Animal Ecology</i> , 2005, 74, 1005-1019.	2.8	46
9	Survey for Winter Moth (Lepidoptera: Geometridae) in Northeastern North America with Pheromone-Baited Traps and Hybridization with the Native Bruce Spanworm (Lepidoptera: Tj ETQq1 1 0.784314 rgeB /Overlook 10 T		
10	Establishment and Early Impact of <i>Spathius galinae</i> (Hymenoptera: Braconidae) on Emerald Ash Borer (Coleoptera: Buprestidae) in the Northeastern United States. <i>Journal of Economic Entomology</i> , 2019, 112, 2121-2130.	1.8	31
11	Invasion spread of <i>Operophtera brumata</i> in northeastern United States and hybridization with <i>O. bruceata</i> . <i>Biological Invasions</i> , 2014, 16, 2263-2272.	2.4	28
12	Survival and Near Extinction of Hemlock Woolly Adelgid (Hemiptera: Adelgidae) During Summer Aestivation in a Hemlock Plantation. <i>Environmental Entomology</i> , 2015, 44, 153-159.	1.4	24
13	Can <i>Spathius galinae</i> attack emerald ash borer larvae feeding in large ash trees?. <i>Biological Control</i> , 2017, 114, 8-13.	3.0	19
14	Density-Dependent Survival and Fecundity of Hemlock Woolly Adelgid (Hemiptera: Adelgidae). <i>Environmental Entomology</i> , 2014, 43, 1157-1167.	1.4	18
15	Phylogeographic Diversity of the Winter Moths <i>Operophtera brumata</i> and <i>O. bruceata</i> (Lepidoptera: Geometridae) in Europe and North America. <i>Annals of the Entomological Society of America</i> , 2013, 106, 143-151.	2.5	17
16	Life History and Rearing of <i>Anastatus orientalis</i> (Hymenoptera: Eupelmidae), an Egg Parasitoid of the Spotted Lanternfly (Hemiptera: Fulgoridae). <i>Environmental Entomology</i> , 2021, 50, 28-35.	1.4	17
17	Impact of the introduced predator, <i>Laricobius nigrinus</i> , on ovisacs of the overwintering generation of hemlock woolly adelgid in the eastern United States. <i>Biological Control</i> , 2020, 143, 104180.	3.0	16
18	Rebound of <i>Adelges tsugae</i> spring generation following predation on overwintering generation ovisacs by the introduced predator <i>Laricobius nigrinus</i> in the eastern United States. <i>Biological Control</i> , 2020, 145, 104264.	3.0	16

#	ARTICLE	IF	CITATIONS
19	Laboratory Rearing of Common and Endangered Species of North American Tiger Beetles (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Over	2.5	14
20	Relating Aerial Deposition of Entomophaga maimaiga Conidia (Zoopagomycota: Entomophthorales) to Mortality of Gypsy Moth (Lepidoptera: Erebidae) Larvae and Nearby Defoliation. Environmental Entomology, 2019, 48, 1214-1222.	1.4	13
21	Successful biological control of winter moth, <i>Operophtera brumata</i>, in the northeastern United States. Ecological Applications, 2021, 31, e02326.	3.8	13
22	Evaluation of Pheromone-Baited Traps for Winter Moth and Bruce Spanworm (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.8	12
23	Identification and impact of hyperparasitoids and predators affecting Cyzenis albicans (Tachinidae), a recently introduced biological control agent of winter moth (Operophtera brumata L.) in the northeastern U.S.A.. Biological Control, 2018, 121, 99-108.	3.0	12
24	Significant suppression of invasive emerald ash borer by introduced parasitoids: potential for North American ash recovery. Journal of Pest Science, 2022, 95, 1081-1090.	3.7	12
25	Density-dependent effects of larval dispersal mediated by host plant quality on populations of an invasive insect. Oecologia, 2016, 182, 499-509.	2.0	10
26	The phylogenetic relationship and cross-infection of nucleopolyhedroviruses between the invasive winter moth (Operophtera brumata) and its native congener, Bruce spanworm (O. bruceata). Journal of Invertebrate Pathology, 2017, 143, 61-68.	3.2	9
27	Identification of winter moth (<i>Operophtera brumata</i>) refugia in North Africa and the Italian Peninsula during the last glacial maximum. Ecology and Evolution, 2019, 9, 13931-13941.	1.9	9
28	Niche partitioning and coexistence of parasitoids of the same feeding guild introduced for biological control of an invasive forest pest. Biological Control, 2021, 160, 104698.	3.0	9
29	Measuring and Testing for Spatial Synchrony. Ecology, 2001, 82, 1668.	3.2	9
30	Widespread hybridization among native and invasive species of Operophtera moths (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	8
31	Parasite Prevalence May Drive the Biotic Impoverishment of New England (USA) Bumble Bee Communities. Insects, 2021, 12, 941.	2.2	8
32	Postglacial recolonization shaped the genetic diversity of the winter moth (Operophtera brumata) in Europe. Ecology and Evolution, 2017, 7, 3312-3323.	1.9	7
33	Recruitment of native parasitic wasps to populations of the invasive winter moth in the northeastern United States. Biological Invasions, 2019, 21, 2871-2890.	2.4	7
34	Validating Morphometrics with DNA Barcoding to Reliably Separate Three Cryptic Species of Bombus Cresson (Hymenoptera: Apidae). Insects, 2020, 11, 669.	2.2	7
35	Historical change in the outbreak dynamics of an invading forest insect. Biological Invasions, 2022, 24, 879-889.	2.4	7
36	Using the SSU , ITS , and Ribosomal DNA Operon Arrangement to Characterize Two Microsporidia Infecting Bruce Spanworm, Operophtera bruceata (Lepidoptera: Geometridae). Journal of Eukaryotic Microbiology, 2019, 66, 424-434.	1.7	5

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37	The Reliability of Genitalia Morphology to Monitor the Spread of the Invasive Winter Moth (<i>Lepidoptera: Geometridae</i>) in Eastern North America. <i>Environmental Entomology</i> , 2020, 49, 1492-1498.	1.4	5
38	An invasive population of Roseau Cane Scale in the Mississippi River Delta, USA originated from northeastern China. <i>Biological Invasions</i> , 2022, 24, 2735-2755.	2.4	5
39	High Rainfall May Induce Fungal Attack of Hemlock Woolly Adelgid (<i>Hemiptera: Adelgidae</i>) Leading to Regional Decline. <i>Environmental Entomology</i> , 2022, 51, 286-293.	1.4	4
40	Predation and Climate Limit Establishment Success of the Kyushu Strain of the Biological Control Agent <i>Aphalara itadori</i> (<i>Hemiptera: Aphalaridae</i>) in the Northeastern United States. <i>Environmental Entomology</i> , 2022, 51, 545-556.	1.4	4
41	Northern Fennoscandia via the British Isles: evidence for a novel post-glacial recolonization route by winter moth (<i>Operophtera brumata</i>). <i>Frontiers of Biogeography</i> , 2021, 13, .	1.8	3
42	Four times out of Europe: Serial invasions of the winter moth, <i>Operophtera brumata</i> , to North America. <i>Molecular Ecology</i> , 2021, 30, 3439-3452.	3.9	3
43	Predicting the invasion range for a highly polyphagous and widespread forest herbivore. <i>NeoBiota</i> , 0, 59, 1-20.	1.0	3
44	Native generalist natural enemies and an introduced specialist parasitoid together control an invasive forest insect. <i>Ecological Applications</i> , 2022, 32, .	3.8	3
45	Regression analysis in a spatial-temporal context: Least squares, generalized least squares, and the use of the bootstrap. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2002, 7, 4-20.	1.4	2
46	Reduced <i>Compsilura concinnata</i> parasitism of New England saturniid larvae. <i>Agricultural and Forest Entomology</i> , 2019, 21, 346-349.	1.3	2
47	Real-time geographic settling of a hybrid zone between the invasive winter moth (<i>Operophtera</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 6617-6633.	3.9	2
48	Oak mast seeding as a direct cause of gypsy moth outbreaks?. <i>Population Ecology</i> , 2003, 45, 160-161.	1.2	0
49	Successful biological control of the ambermarked birch leafminer, <i>Profenusa thomsoni</i> (<i>Hymenoptera: Tenthredinidae</i>), in Anchorage, Alaska: Status 15 years after release of <i>Lathrolestes thomsoni</i> (<i>Hymenoptera: Ichneumonidae</i>). <i>Biological Control</i> , 2021, 152, 104449.	3.0	0