Joseph S Elkinton

List of Publications by Year
in descending order

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	High Rainfall May Induce Fungal Attack of Hemlock Woolly Adelgid (Hemiptera: Adelgidae) Leading to Regional Decline. Environmental Entomology, 2022, 51, 286-293.	1.4	4
2	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
3	Historical change in the outbreak dynamics of an invading forest insect. Biological Invasions, 2022, 24, 879-889.	2.4	7
4	Realâ€¢time geographic settling of a hybrid zone between the invasive winter moth (Operophtera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 6617-6633.	3.9	2
5	Predation and Climate Limit Establishment Success of the Kyushu Strain of the Biological Control AgentAphalara itadori(Hemiptera: Aphalaridae) in the Northeastern United States. Environmental Entomology, 2022, 51, 545-556.	1.4	4
6	An invasive population of Roseau Cane Scale in the Mississippi River Delta, USA originated from northeastern China. Biological Invasions, 2022, 24, 2735-2755.	2.4	5
7	Native generalist natural enemies and an introduced specialist parasitoid together control an invasive forest insect. Ecological Applications, 2022, 32, .	3.8	3
8	Life History and Rearing of Anastatus orientalis (Hymenoptera: Eupelmidae), an Egg Parasitoid of the Spotted Lanternfly (Hemiptera: Fulgoridae). Environmental Entomology, 2021, 50, 28-35.	1.4	17
9	Successful biological control of the ambermarked birch leafminer, Profenusa thomsoni (Hymenoptera: Tenthredinidae), in Anchorage, Alaska: Status 15Âyears after release of Lathrolestes thomsoni (Hymenoptera: Ichneumonidae). Biological Control, 2021, 152, 104449.	3.0	0
10	Northern Fennoscandia via the British Isles: evidence for a novel post-glacial recolonization route by winter moth (Operophtera brumata). Frontiers of Biogeography, 2021, 13, .	1.8	3
11	Successful biological control of winter moth, Operophtera brumata, in the northeastern United States. Ecological Applications, 2021, 31, e02326.	3.8	13
12	Four times out of Europe: Serial invasions of the winter moth, Operophtera brumata , to North America. Molecular Ecology, 2021, 30, 3439-3452.	3.9	3
13	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
14	Parasite Prevalence May Drive the Biotic Impoverishment of New England (USA) Bumble Bee Communities. Insects, 2021, 12, 941.	2.2	8
15	Impact of the introduced predator, Laricobius nigrinus, on ovisacs of the overwintering generation of hemlock woolly adelgid in the eastern United States. Biological Control, 2020, 143, 104180.	3.0	16
16	Rebound of Adelges tsugae spring generation following predation on overwintering generation ovisacs by the introduced predator Laricobius nigrinus in the eastern United States. Biological Control, 2020, 145, 104264.	3.0	16
17	Validating Morphometrics with DNA Barcoding to Reliably Separate Three Cryptic Species of Bombus Cresson (Hymenoptera: Apidae). Insects, 2020, 11, 669.	2.2	7
18	The Reliability of Genitalia Morphology to Monitor the Spread of the Invasive Winter Moth (Lepidoptera: Geometridae) in Eastern North America. Environmental Entomology, 2020, 49, 1492-1498.	1.4	5

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19	Reduced Compsilura concinnata parasitism of New England saturniid larvae. Agricultural and Forest Entomology, 2019, 21, 346-349.	1.3	2
20	Widespread hybridization among native and invasive species of Operophtera moths (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	8
21	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
22	Establishment and Early Impact of Spathius galinae (Hymenoptera: Braconidae) on Emerald Ash Borer (Coleoptera: Buprestidae) in the Northeastern United States. Journal of Economic Entomology, 2019, 112, 2121-2130.	1.8	31
23	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
24	Identification of winter moth (Operophtera brumata) refugia in North Africa and the Italian Peninsula during the last glacial maximum. Ecology and Evolution, 2019, 9, 13931-13941.	1.9	9
25	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
26	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
27	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
28	Postglacial recolonization shaped the genetic diversity of the winter moth (Operophtera brumata) in Europe. Ecology and Evolution, 2017, 7, 3312-3323.	1.9	7
29	Can Spathius galinae attack emerald ash borer larvae feeding in large ash trees?. Biological Control, 2017, 114, 8-13.	3.0	19
30	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
31	Survival and Near Extinction of Hemlock Woolly Adelgid (Hemiptera: Adelgidae) During Summer Aestivation in a Hemlock Plantation. Environmental Entomology, 2015, 44, 153-159.	1.4	24
32	Density-Dependent Survival and Fecundity of Hemlock Woolly Adelgid (Hemiptera: Adelgidae). Environmental Entomology, 2014, 43, 1157-1167.	1.4	18
33	Invasion spread of Operophtera brumata in northeastern United States and hybridization with O. bruceata. Biological Invasions, 2014, 16, 2263-2272.	2.4	28
34	Phylogeographic Diversity of the Winter Moths Operophtera brumata and O. bruceata (Lepidoptera: Geometridae) in Europe and North America. Annals of the Entomological Society of America, 2013, 106, 143-151.	2.5	17
35	Evaluation of Pheromone-Baited Traps for Winter Moth and Bruce Spanworm (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	12
36	Laboratory Rearing of Common and Endangered Species of North American Tiger Beetles (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	14

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37	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 rgBT /Overlock 10 T	2.3	38
38	Range expansion and population dynamics of co-occurring invasive herbivores. Biological Invasions, 2008, 10, 201-213.	2.4	54
39	IMPLICATING AN INTRODUCED GENERALIST PARASITOID IN THE INVASIVE BROWNTAIL MOTH'S ENIGMATIC DEMISE. Ecology, 2006, 87, 2664-2672.	3.2	54
40	Predation of beech seed by mice: effects of numerical and functional responses. Journal of Animal Ecology, 2005, 74, 1005-1019.	2.8	46
41	Effects of alternative prey on predation by small mammals on gypsy moth pupae. Population Ecology, 2004, 46, 171.	1.2	51
42	Oak mast seeding as a direct cause of gypsy moth outbreaks?. Population Ecology, 2003, 45, 160-161.	1.2	0
43	Regression analysis in a spatial-temporal context: Least squares, generalized least squares, and the use of the bootstrap. Journal of Agricultural, Biological, and Environmental Statistics, 2002, 7, 4-20.	1.4	2
44	MEASURING AND TESTING FOR SPATIAL SYNCHRONY. Ecology, 2001, 82, 1668-1679.	3.2	161
45	Measuring and Testing for Spatial Synchrony. Ecology, 2001, 82, 1668.	3.2	9
46	Effects of a Biological Control Introduction on Three Nontarget Native Species of Saturniid Moths. Conservation Biology, 2000, 14, 1798-1806.	4.7	220
47	EFFECTS OF SYNCHRONY WITH HOST PLANT ON POPULATIONS OF A SPRING-FEEDING LEPIDOPTERAN. Ecology, 2000, 81, 1248-1261.	3.2	103
48	Mysterious Origin of Entom haga malmalga in North America. American Entomologist, 1995, 41, 31-43.	0.2	78
49	Predicting the invasion range for a highly polyphagous and widespread forest herbivore. NeoBiota, 0, 59, 1-20.	1.0	3