

Nathan P Havill

List of Publications by Year in descending order

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56
papers

1,545
citations

394421

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38
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57
docs citations

57
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial DNA from Hemlock Woolly Adelgid (Hemiptera: Adelgidae) Suggests Cryptic Speciation and Pinpoints the Source of the Introduction to Eastern North America. <i>Annals of the Entomological Society of America</i> , 2006, 99, 195-203.	2.5	194
2	Biology and Evolution of Adelgidae. <i>Annual Review of Entomology</i> , 2007, 52, 325-349.	11.8	117
3	Compound effects of induced plant responses on insect herbivores and parasitoids: implications for tritrophic interactions. <i>Ecological Entomology</i> , 2000, 25, 171-179.	2.2	102
4	Effects of elicitation treatment and genotypic variation on induced resistance in <i>Populus</i> : impacts on gypsy moth (Lepidoptera: Lymantriidae) development and feeding behavior. <i>Oecologia</i> , 1999, 120, 295-303.	2.0	79
5	Hybridization between a native and introduced predator of Adelgidae: An unintended result of classical biological control. <i>Biological Control</i> , 2012, 63, 359-369.	3.0	72
6	Evolution of host specialization in the Adelgidae (Insecta: Hemiptera) inferred from molecular phylogenetics. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 357-370.	2.7	71
7	Phylogeny and Biogeography of <i>Tsuga</i> (Pinaceae) Inferred from Nuclear Ribosomal ITS and Chloroplast DNA Sequence Data. <i>Systematic Botany</i> , 2008, 33, 478-489.	0.5	71
8	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2009–30 September 2009. <i>Molecular Ecology Resources</i> , 2010, 10, 232-236.	4.8	71
9	Giant tortoises are not so slow: Rapid diversification and biogeographic consensus in the Galapagos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6514-6519.	7.1	70
10	Ancient and modern colonization of North America by hemlock woolly adelgid, <i>Adelges tsugae</i> (Hemiptera: Adelgidae), an invasive insect from East Asia. <i>Molecular Ecology</i> , 2016, 25, 2065-2080.	3.9	64
11	How many choices can your test animal compare effectively? Evaluating a critical assumption of behavioral preference tests. <i>Oecologia</i> , 2002, 133, 422-429.	2.0	62
12	Field assessment of hybridization between <i>Laricobius nigrinus</i> and <i>L. rubidus</i> , predators of Adelgidae. <i>Biological Control</i> , 2015, 82, 1-6.	3.0	52
13	Lonesome George is not alone among Galapagos tortoises. <i>Current Biology</i> , 2007, 17, R317-R318.	3.9	49
14	Diversity of proteobacterial endosymbionts in hemlock woolly adelgid (<i>Adelges tsugae</i>). <i>Environmental Microbiology</i> , 2013, 15, 2043-2062.	3.8	46
15	Establishment, hybridization and impact of <i>Laricobius</i> predators on insecticide-treated hemlocks: Exploring integrated management of the hemlock woolly adelgid. <i>Forest Ecology and Management</i> , 2015, 335, 1-10.	3.2	38
16	Assessing the potential of genotyping-by-sequencing-derived single nucleotide polymorphisms to identify the geographic origins of intercepted gypsy moth (<i>Lymantria dispar</i>) specimens: A proof-of-concept study. <i>Evolutionary Applications</i> , 2018, 11, 325-339.	3.1	32
17	Dynamic Acquisition and Loss of Dual-Obligate Symbionts in the Plant-Sap-Feeding Adelgidae (Hemiptera: Sternorrhyncha: Aphidoidea). <i>Frontiers in Microbiology</i> , 2017, 8, 1037.	3.5	30
18	Evolutionary history predicts high-impact invasions by herbivorous insects. <i>Ecology and Evolution</i> , 2019, 9, 12216-12230.	1.9	28

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19	Phylogeny of <i>Rhus</i> gall aphids (Hemiptera: Pemphigidae) based on combined molecular analysis of nuclear EF1 α and mitochondrial COII genes. <i>Entomological Science</i> , 2010, 13, 351-357.	0.6	26
20	Feeding Preference of Three Lady Beetle Predators of the Hemlock Woolly Adelgid (Homoptera: Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50 7	1.8	20
21	Cryptic east-west divergence and molecular diagnostics for two species of silver flies (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 1 woolly adelgid. <i>Biological Control</i> , 2018, 121, 23-29.	3.0	20
22	A New Species and Introgression in Eastern Asian Hemlocks (Pinaceae: <i>Tsuga</i>). <i>Systematic Botany</i> , 2017, 42, 733-746.	0.5	15
23	Partnering With a Pest: Genomes of Hemlock Woolly Adelgid Symbionts Reveal Atypical Nutritional Provisioning Patterns in Dual-Obligate Bacteria. <i>Genome Biology and Evolution</i> , 2018, 10, 1607-1621.	2.5	15
24	Relating Aerial Deposition of Entomophaga maimaiga Conidia (Zoopagomycota: Entomophthorales) to Mortality of Gypsy Moth (Lepidoptera: Erebidae) Larvae and Nearby Defoliation. <i>Environmental Entomology</i> , 2019, 48, 1214-1222.	1.4	13
25	Spring bird migration as a dispersal mechanism for the hemlock woolly adelgid. <i>Biological Invasions</i> , 2019, 21, 1585-1599.	2.4	13
26	Comparison of Numerical Response and Predation Effects of Two Coccinellid Species on Hemlock Woolly Adelgid (Homoptera: Adelgidae). <i>Journal of Economic Entomology</i> , 2003, 96, 763-767.	1.8	13
27	Catalog of the adelgids of the world (Hemiptera, Adelgidae). <i>ZooKeys</i> , 2015, 534, 35-54.	1.1	13
28	Transitional genomes and nutritional role reversals identified for dual symbionts of adelgids (Aphidoidea: Adelgidae). <i>ISME Journal</i> , 2022, 16, 642-654.	9.8	11
29	Species delimitation and invasion history of the balsam woolly adelgid, <i>Adelges</i> (<i>Dreyfusia</i>) (<i>piceae</i>) (Hemiptera: Aphidoidea: Adelgidae), species complex. <i>Systematic Entomology</i> , 2021, 46, 186-204.	3.9	10
30	Identification of winter moth (<i>Operophtera brumata</i>) refugia in North Africa and the Italian Peninsula during the last glacial maximum. <i>Ecology and Evolution</i> , 2019, 9, 13931-13941.	1.9	9
31	A new genus of Chamaemyiidae (Diptera: Lauxanioidea) predaceous on Adelgidae (Hemiptera), with a key to chamaemyiid species associated with Pinaceae-feeding Sternorrhyncha. <i>Zootaxa</i> , 2021, 5067, 1-39.	0.5	9
32	Assessment of the potential for hybridisation between <i>Laricobius nigrinus</i> (Coleoptera: Derodontidae) and <i>Laricobius osakensis</i> , predators of the hemlock woolly adelgid (Hemiptera: Adelgidae). <i>Biocontrol Science and Technology</i> , 2015, 25, 1467-1482.	1.3	8
33	Widespread hybridization among native and invasive species of Operophtera moths (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 2.4	2.4	7
34	Behavioral Responses of <i>Laricobius</i> spp. and Hybrids (Coleoptera: Derodontidae) to Hemlock Woolly Adelgid and Adelgid Host Tree Odors in an Olfactometer. <i>Environmental Entomology</i> , 2015, 44, 1562-1570.	1.4	7
35	Postglacial recolonization shaped the genetic diversity of the winter moth (<i>Operophtera brumata</i>) in Europe. <i>Ecology and Evolution</i> , 2017, 7, 3312-3323.	1.9	7
36	Predators associated with the pine bark adelgid (Hemiptera: Adelgidae), a native insect in Appalachian forests, United States of America, in its southern range. <i>Canadian Entomologist</i> , 2019, 151, 73-84.	0.8	7

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37	Coexistence of three specialist predators of the hemlock woolly adelgid in the Pacific Northwest USA. <i>Bulletin of Entomological Research</i> , 2020, 110, 303-308.	1.0	7
38	Temporal Asynchrony of Adult Emergence Between <i>Leucopis argenticollis</i> and <i>Leucopis piniperda</i> (Diptera: Chamaemyiidae), Predators of the Hemlock Woolly Adelgid (Hemiptera: Adelgidae), with Implications for Biological Control. <i>Environmental Entomology</i> , 2020, 49, 823-828.	1.4	7
39	The impact is in the details: evaluating a standardized protocol and scale for determining non-native insect impact. <i>NeoBiota</i> , 0, 55, 61-83.	1.0	7
40	New Molecular Tools for <i>Dendroctonus frontalis</i> (Coleoptera: Curculionidae: Scolytinae) Reveal an East-West Genetic Subdivision of Early Pleistocene Origin. <i>Insect Systematics and Diversity</i> , 2019, 3, .	1.7	6
41	Sensitive environmental <i>scp</i> <DNA/> (<scp>eDNA</scp>) methods to detect hemlock woolly adelgid and its biological control predators <i>Leucotaraxis</i> silver flies and a <i>Laricobius</i> beetle. <i>Environmental DNA</i> , 2022, 4, 1136-1149.	5.8	6
42	The Reliability of Genitalia Morphology to Monitor the Spread of the Invasive Winter Moth (Lepidoptera: Geometridae) in Eastern North America. <i>Environmental Entomology</i> , 2020, 49, 1492-1498.	1.4	5
43	Predicting non-native insect impact: focusing on the trees to see the forest. <i>Biological Invasions</i> , 2021, 23, 3921-3936.	2.4	5
44	Taxonomic identity of a galling adelgid (Hemiptera: Adelgidae) from three spruce species in Central Japan. <i>Entomological Science</i> , 2011, 14, 94-99.	0.6	4
45	First report of <i>Pineus strobi</i> (Hartig, 1839) (Hemiptera: Adelgidae) in western North America. <i>Pan-Pacific Entomologist</i> , 2018, 94, 40-42.	0.2	4
46	Notes on balsam woolly adelgid, <i>Adelges piceae</i> (Ratzeburg, 1844) (Hemiptera: Adelgidae), range expansion in Idaho, Montana and Utah. <i>Pan-Pacific Entomologist</i> , 2020, 96, .	0.2	4
47	Ecological factors influencing the beneficial endosymbionts of the hemlock woolly adelgid (Hemiptera: Adelgidae). <i>Insect Science</i> , 2019, 26, 97-107.	3.0	3
48	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
49	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
50	Predicting the invasion range for a highly polyphagous and widespread forest herbivore. <i>NeoBiota</i> , 0, 59, 1-20.	1.0	3
51	A response to "Media representation of hemlock woolly adelgid management risks: a case study of science communication and invasive species control," published in <i>biological invasions online</i> on September 18, 2018. <i>Biological Invasions</i> , 2019, 21, 2009-2017.	2.4	2
52	Real-time geographic settling of a hybrid zone between the invasive winter moth (<i>Operophtera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 6617-6633.	3.9	2
53	Phenology and Synchrony of <i>Scymnus coniferarum</i> (Coleoptera: Coccinellidae) with Multiple Adelgid Species in the Puget Sound, WA, USA. <i>Forests</i> , 2018, 9, 558.	2.1	1
54	The Role of International Cooperation in Invasive Species Research. , 2021, , 293-303.		1

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55	Weak spatial-genetic structure in a native invasive, the southern pine beetle (<i>Dendroctonus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	0
56	A New Species of <i>Lestodiplosis</i> (Diptera: Cecidomyiidae) Preying on <i>Pineus</i> (Hemiptera: Adelgidae), with a Redescription of <i>Lestodiplosis juniperina</i> (Felt). Proceedings of the Entomological Society of Washington, 2020, 122, .	0.2	0