

Nadir Erbilgin

List of Publications by Year in descending order

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117
papers

3,675
citations

109321

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Mountain Pine Beetles Colonizing Historical and Naïve Host Trees Are Associated with a Bacterial Community Highly Enriched in Genes Contributing to Terpene Metabolism. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3468-3475.	3.1	236
2	Exogenous application of methyl jasmonate elicits defenses in Norway spruce (<i>Picea abies</i>) and reduces host colonization by the bark beetle <i>Ips typographus</i> . <i>Oecologia</i> , 2006, 148, 426-436.	2.0	157
3	Nature and ecological implications of pathogen-induced systemic resistance in conifers: A novel hypothesis. <i>Physiological and Molecular Plant Pathology</i> , 2006, 68, 95-104.	2.5	132
4	Population dynamics in changing environments: the case of an eruptive forest pest species. <i>Biological Reviews</i> , 2012, 87, 34-51.	10.4	127
5	Interactions Among Conifer Terpenoids and Bark Beetles Across Multiple Levels of Scale: An Attempt to Understand Links Between Population Patterns and Physiological Processes. <i>Recent Advances in Phytochemistry</i> , 2005, 39, 79-118.	0.5	118
6	Chemical similarity between historical and novel host plants promotes range and host expansion of the mountain pine beetle in a naïve host ecosystem. <i>New Phytologist</i> , 2014, 201, 940-950.	7.3	115
7	Effect of varying monoterpene concentrations on the response of <i>Ips pini</i> (Coleoptera: Scolytidae) to its aggregation pheromone: implications for pest management and ecology of bark beetles. <i>Agricultural and Forest Entomology</i> , 2003, 5, 269-274.	1.3	95
8	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 2527-2548.	1.8	75
9	Modulation of predator attraction to pheromones of two prey species by stereochemistry of plant volatiles. <i>Oecologia</i> , 2001, 127, 444-453.	2.0	75
10	A host monoterpene influences <i>Ips typographus</i> (Coleoptera: Curculionidae, Scolytinae) responses to its aggregation pheromone. <i>Agricultural and Forest Entomology</i> , 2007, 9, 135-140.	1.3	67
11	Variation in carbon availability, defense chemistry and susceptibility to fungal invasion along the stems of mature trees. <i>New Phytologist</i> , 2013, 197, 586-594.	7.3	65
12	Defence syndromes in lodgepole “whitebark” pine ecosystems relate to degree of historical exposure to mountain pine beetles. <i>Plant, Cell and Environment</i> , 2017, 40, 1791-1806.	5.7	61
13	Association of declining red pine stands with reduced populations of bark beetle predators, seasonal increases in root colonizing insects, and incidence of root pathogens. <i>Forest Ecology and Management</i> , 2002, 164, 221-236.	3.2	60
14	Decline of ectomycorrhizal fungi following a mountain pine beetle epidemic. <i>Ecology</i> , 2014, 95, 1096-1103.	3.2	60
15	Fungal Volatiles Can Act as Carbon Sources and Semiochemicals to Mediate Interspecific Interactions Among Bark Beetle-Associated Fungal Symbionts. <i>PLoS ONE</i> , 2016, 11, e0162197.	2.5	59
16	Response to Host Volatiles by Native and Introduced Populations of <i>Dendroctonus valens</i> (Coleoptera: Curculionidae, Scolytinae) in North America and China. <i>Journal of Chemical Ecology</i> , 2006, 33, 131-146.	1.8	57
17	Differential effects of plant ontogeny and damage type on phloem and foliage monoterpenes in jack pine (<i>Pinus banksiana</i>). <i>Tree Physiology</i> , 2012, 32, 946-957.	3.1	51
18	Phytochemicals as mediators for host range expansion of a native invasive forest insect herbivore. <i>New Phytologist</i> , 2019, 221, 1268-1278.	7.3	51

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19	Ectomycorrhizal fungi mediate indirect effects of a bark beetle outbreak on secondary chemistry and establishment of pine seedlings. <i>New Phytologist</i> , 2015, 208, 904-914.	7.3	50
20	Changes in soil fungal community composition depend on functional group and forest disturbance type. <i>New Phytologist</i> , 2021, 229, 1105-1117.	7.3	50
21	Rapid Increases in Forest Understory Diversity and Productivity following a Mountain Pine Beetle (<i>Dendroctonus ponderosae</i>) Outbreak in Pine Forests. <i>PLoS ONE</i> , 2015, 10, e0124691.	2.5	48
22	No silver bullet: different soil handling techniques are useful for different research questions, exhibit differential type I and II error rates, and are sensitive to sampling intensity. <i>New Phytologist</i> , 2017, 216, 11-14.	7.3	48
23	Aerially applied verbenone-releasing laminated flakes protect <i>Pinus contorta</i> stands from attack by <i>Dendroctonus ponderosae</i> in California and Idaho. <i>Forest Ecology and Management</i> , 2009, 257, 1405-1412.	3.2	47
24	Effect of Water Stress and Fungal Inoculation on Monoterpene Emission from an Historical and a New Pine Host of the Mountain Pine Beetle. <i>Journal of Chemical Ecology</i> , 2011, 37, 1013-1026.	1.8	47
25	Population Dynamics of <i>Ips pini</i> and <i>Ips grandicollis</i> in Red Pine Plantations in Wisconsin: Within- and Between-Year Associations with Predators, Competitors, and Habitat Quality. <i>Environmental Entomology</i> , 2002, 31, 1043-1051.	1.4	46
26	Weathering the storm: how lodgepole pine trees survive mountain pine beetle outbreaks. <i>Oecologia</i> , 2017, 184, 469-478.	2.0	46
27	Change in soil fungal community structure driven by a decline in ectomycorrhizal fungi following a mountain pine beetle (<i>Dendroctonus ponderosae</i>) outbreak. <i>New Phytologist</i> , 2017, 213, 864-873.	7.3	45
28	Variations in foliar monoterpenes across the range of jack pine reveal three widespread chemotypes: implications to host expansion of invasive mountain pine beetle. <i>Frontiers in Plant Science</i> , 2015, 6, 342.	3.6	44
29	Resin ducts as resistance traits in conifers: linking dendrochronology and resin-based defences. <i>Tree Physiology</i> , 2020, 40, 1313-1326.	3.1	43
30	The Impact of Phloem Nutrients on Overwintering Mountain Pine Beetles and Their Fungal Symbionts. <i>Environmental Entomology</i> , 2012, 41, 478-486.	1.4	41
31	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 823-840.	1.8	39
32	Bacteria influence mountain pine beetle brood development through interactions with symbiotic and antagonistic fungi: implications for climate-driven host range expansion. <i>Oecologia</i> , 2015, 179, 467-485.	2.0	39
33	Are bark beetle outbreaks less synchronous than forest Lepidoptera outbreaks?. <i>Oecologia</i> , 2005, 146, 365-372.	2.0	38
34	Acetophenone as an Anti-attractant for the Western Pine Beetle, <i>Dendroctonus Brevicomis</i> LeConte (Coleoptera: Scolytidae). <i>Journal of Chemical Ecology</i> , 2007, 33, 817-823.	1.8	38
35	Kairomonal range of generalist predators in specialized habitats: responses to multiple phloeophagous species emitting pheromones vs. host odors. <i>Entomologia Experimentalis Et Applicata</i> , 2001, 99, 205-210.	1.4	37
36	Host resistance elicited by methyl jasmonate reduces emission of aggregation pheromones by the spruce bark beetle, <i>Ips typographus</i> . <i>Oecologia</i> , 2011, 167, 691-699.	2.0	36

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37	Water-deficit and fungal infection can differentially affect the production of different classes of defense compounds in two host pines of mountain pine beetle. <i>Tree Physiology</i> , 2017, 37, 338-350.	3.1	35
38	Trap Type, Chirality of \pm -Pinene, and Geographic Region Affect Sampling Efficiency of Root and Lower Stem Insects in Pine. <i>Journal of Economic Entomology</i> , 2001, 94, 1113-1121.	1.8	34
39	The Push-Pull Tactic for Mitigation of Mountain Pine Beetle (Coleoptera: Curculionidae) Damage in Lodgepole and Whitebark Pines. <i>Environmental Entomology</i> , 2012, 41, 1575-1586.	1.4	34
40	Fungal species assemblages associated with <i>Phytophthora ramorum</i> -infected coast live oaks following bark and ambrosia beetle colonization in northern California. <i>Forest Ecology and Management</i> , 2013, 291, 30-42.	3.2	32
41	The Lodgepole \bar{A} – Jack Pine Hybrid Zone in Alberta, Canada: A Stepping Stone for the Mountain Pine Beetle on its Journey East Across the Boreal Forest?. <i>Journal of Chemical Ecology</i> , 2013, 39, 1209-1220.	1.8	32
42	Larger Resin Ducts Are Linked to the Survival of Lodgepole Pine Trees During Mountain Pine Beetle Outbreak. <i>Frontiers in Plant Science</i> , 2019, 10, 1459.	3.6	32
43	Influence of bark beetle outbreaks on nutrient cycling in native pine stands in western Canada. <i>Plant and Soil</i> , 2015, 390, 29-47.	3.7	31
44	Intraguild interactions between generalist predators and an introduced parasitoid of <i>Glycaspis brimblecombei</i> (Homoptera: Psylloidea). <i>Biological Control</i> , 2004, 31, 329-337.	3.0	30
45	Trees Wanted“Dead or Alive! Host Selection and Population Dynamics in Tree-Killing Bark Beetles. <i>PLoS ONE</i> , 2011, 6, e18274.	2.5	30
46	Inter-species interactions and ecosystem effects of non-indigenous invasive and native tree-killing bark beetles. <i>Biological Invasions</i> , 2011, 13, 1151-1164.	2.4	30
47	Ophiostomatoid fungi can emit the bark beetle pheromone verbenone and other semiochemicals in media amended with various pine chemicals and beetle-released compounds. <i>Fungal Ecology</i> , 2019, 39, 285-295.	1.6	28
48	Attraction of ambrosia and bark beetles to coast live oaks infected by <i>Phytophthora ramorum</i> . <i>Agricultural and Forest Entomology</i> , 2008, 10, 315-321.	1.3	27
49	Rapid monoterpene induction promotes the susceptibility of a novel host pine to mountain pine beetle colonization but not to beetle-vectored fungi. <i>Tree Physiology</i> , 2017, 37, 1597-1610.	3.1	27
50	Anatomical defences against bark beetles relate to degree of historical exposure between species and are allocated independently of chemical defences within trees. <i>Plant, Cell and Environment</i> , 2019, 42, 633-646.	5.7	27
51	Overstory and shrub effects on natural regeneration processes in native <i>Pinus radiata</i> stands. <i>Forest Ecology and Management</i> , 2007, 240, 178-185.	3.2	26
52	Pheromone Production by an Invasive Bark Beetle Varies with Monoterpene Composition of its Native Host. <i>Journal of Chemical Ecology</i> , 2015, 41, 540-549.	1.8	26
53	The Effect of Water Limitation on Volatile Emission, Tree Defense Response, and Brood Success of <i>Dendroctonus ponderosae</i> in Two Pine Hosts, Lodgepole, and Jack Pine. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	26
54	Direction of interaction between mountain pine beetle (<i>Dendroctonus ponderosae</i>) and resource-sharing wood-boring beetles depends on plant parasite infection. <i>Oecologia</i> , 2016, 182, 1-12.	2.0	26

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55	Successful Colonization of Lodgepole Pine Trees by Mountain Pine Beetle Increased Monoterpene Production and Exhausted Carbohydrate Reserves. <i>Journal of Chemical Ecology</i> , 2018, 44, 209-214.	1.8	26
56	Reserves Accumulated in Non-Photosynthetic Organs during the Previous Growing Season Drive Plant Defenses and Growth in Aspen in the Subsequent Growing Season. <i>Journal of Chemical Ecology</i> , 2014, 40, 21-30.	1.8	24
57	Long-term nitrogen addition does not sustain host tree stem radial growth but doubles the abundance of high-biomass ectomycorrhizal fungi. <i>Global Change Biology</i> , 2021, 27, 4125-4138.	9.5	23
58	Attraction of <i>Ips pini</i> (Coleoptera: Scolytidae) and Its Predators to Various Enantiomeric Ratios of Ipsdienol and Lanierone in California: Implications for the Augmentation and Conservation of Natural Enemies. <i>Environmental Entomology</i> , 2003, 32, 1115-1122.	1.4	22
59	Attraction of <i>Ips pini</i> (Coleoptera: Scolytinae) and Its Predators to Natural Attractants and Synthetic Semiochemicals in Northern California: Implications for Population Monitoring. <i>Environmental Entomology</i> , 2004, 33, 1554-1561.	1.4	21
60	Aerially applied methylcyclohexenone-releasing flakes protect <i>Pseudotsuga menziesii</i> stands from attack by <i>Dendroctonus pseudotsugae</i> . <i>Forest Ecology and Management</i> , 2009, 257, 1231-1236.	3.2	21
61	Tree-mediated interactions between the jack pine budworm and a mountain pine beetle fungal associate. <i>Ecological Entomology</i> , 2011, 36, 425-434.	2.2	21
62	Area-wide application of verbenone-releasing flakes reduces mortality of whitebark pine <i>Pinus albicaulis</i> caused by the mountain pine beetle <i>Dendroctonus ponderosae</i> . <i>Agricultural and Forest Entomology</i> , 2012, 14, 367-375.	1.3	20
63	Role of stressed mango host conditions in attraction of and colonization by the mango bark beetle <i>Hypocryphalus mangiferae</i> Stebbing (Coleoptera: Curculionidae: Scolytinae) and in the symptom development of quick decline of mango trees in Pakistan. <i>Entomological Research</i> , 2010, 40, 316-327.	1.1	19
64	Ultrastructure of the mycangium of the southern pine beetle, <i>Dendroctonus frontalis</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 216-224.	0.8	19
65	Resource availability and repeated defoliation mediate compensatory growth in trembling aspen (<i>Populus tremuloides</i>) seedlings. <i>PeerJ</i> , 2014, 2, e491.	2.0	19
66	GC-EAD responses to semiochemicals by eight beetles in the subcortical community associated with Monterey pine trees in coastal California: similarities and disparities across three trophic levels. <i>Chemoecology</i> , 2008, 18, 243-254.	1.1	18
67	Acetophenone superior to verbenone for reducing attraction of western pine beetle <i>Dendroctonus brevicomis</i> to its aggregation pheromone. <i>Agricultural and Forest Entomology</i> , 2008, 10, 433-441.	1.3	17
68	Mountain pine beetle (<i>Dendroctonus ponderosae</i>) can produce its aggregation pheromone and complete brood development in naïve red pine (<i>Pinus resinosa</i>) under laboratory conditions. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1873-1877.	1.7	17
69	Spatial variation in soil available water holding capacity alters carbon mobilization and allocation to chemical defenses along jack pine stems. <i>Environmental and Experimental Botany</i> , 2020, 171, 103902.	4.2	17
70	Fatty Acid Composition of Novel Host Jack Pine Do Not Prevent Host Acceptance and Colonization by the Invasive Mountain Pine Beetle and Its Symbiotic Fungus. <i>PLoS ONE</i> , 2016, 11, e0162046.	2.5	17
71	Drought stress leads to systemic induced susceptibility to a necrotrophic fungus associated with mountain pine beetle in <i>Pinus banksiana</i> seedlings. <i>PLoS ONE</i> , 2017, 12, e0189203.	2.5	16
72	Combined drought and bark beetle attacks deplete non-structural carbohydrates and promote death of mature pine trees. <i>Plant, Cell and Environment</i> , 2021, 44, 3866-3881.	5.7	16

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73	Dwarf mistletoe infection in jack pine alters growth-defense relationships. <i>Tree Physiology</i> , 2018, 38, 1538-1547.	3.1	15
74	Spatial characteristics of volatile communication in lodgepole pine trees: Evidence of kin recognition and intra-species support. <i>Science of the Total Environment</i> , 2019, 692, 127-135.	8.0	15
75	Pathophysiological responses of pine defensive metabolites largely lack differences between pine species but vary with eliciting ophiostomatoid fungal species. <i>Tree Physiology</i> , 2019, 39, 1121-1135.	3.1	15
76	Temporal variation in contamination of pine engraver beetles with <i>Fusarium circinatum</i> in native Monterey pine forests in California. <i>Plant Pathology</i> , 2008, 57, 1103-1108.	2.4	13
77	Assessing the dual-mycorrhizal status of a widespread tree species as a model for studies on stand biogeochemistry. <i>Mycorrhiza</i> , 2021, 31, 313-324.	2.8	13
78	Production of complementary defense metabolites reflects a co-evolutionary arms race between a host plant and a mutualistic bark beetle-fungal complex. <i>Plant, Cell and Environment</i> , 2021, 44, 3064-3077.	5.7	13
79	Spatial analysis of forest gaps resulting from bark beetle colonization of red pines experiencing belowground herbivory and infection. <i>Forest Ecology and Management</i> , 2003, 177, 145-153.	3.2	12
80	Prescribed fire does not promote outbreaks of a primary bark beetle at low-density populations. <i>Journal of Applied Ecology</i> , 2016, 53, 222-232.	4.0	12
81	Root condensed tannins vary over time, but are unrelated to leaf tannins. <i>AoB PLANTS</i> , 2018, 10, ply044.	2.3	12
82	Selection of entomopathogenic fungus <i>Beauveria bassiana</i> (Deuteromycotina: Hyphomycetes) for the biocontrol of <i>Dendroctonus ponderosae</i> (Coleoptera: Curculionidae, Scolytinae) in Western Canada. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2541-2557.	3.6	12
83	Bark beetle-mediated fungal infections of susceptible trees induce resistance to subsequent infections in a dose dependent manner. <i>Agricultural and Forest Entomology</i> , 2009, 11, 255-263.	1.3	11
84	The ecological interaction of the mountain pine beetle and jack pine budworm in the boreal forest. <i>Forestry Chronicle</i> , 2010, 86, 766-774.	0.6	11
85	Community-level determinants of smooth brome (<i>Bromus inermis</i>) growth and survival in the aspen parkland. <i>Plant Ecology</i> , 2016, 217, 1395-1413.	1.6	11
86	A Blend of Ethanol and α -Pinene were Highly Attractive to Native Siricid Woodwasps (Siricidae). <i>Ecology</i> , 2017, 43, 172-179.	1.8	11
87	Ectomycorrhizal fungal species differentially affect the induced defensive chemistry of lodgepole pine. <i>Oecologia</i> , 2018, 188, 395-404.	2.0	11
88	Nitrogen and Ergosterol Concentrations Varied in Live Jack Pine Phloem Following Inoculations With Fungal Associates of Mountain Pine Beetle. <i>Frontiers in Microbiology</i> , 2020, 11, 1703.	3.5	10
89	Primary and Secondary Metabolite Profiles of Lodgepole Pine Trees Change with Elevation, but Not with Latitude. <i>Journal of Chemical Ecology</i> , 2021, 47, 280-293.	1.8	10
90	Colonization of cut branches of five coniferous hosts of the pitch canker fungus by <i>Pityophthorus</i> spp. (Coleoptera: Scolytidae) in central, coastal California. <i>Canadian Entomologist</i> , 2005, 137, 337-349.	0.8	9

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91	Hylobius abietisL. feeding on the novel hostPinus brutiaTen. increases emission of volatile organic compounds. Journal of Applied Entomology, 2017, 141, 133-140.	1.8	9
92	Trap trees: an effective method for monitoring mountain pine beetle activities in novel habitats. Canadian Journal of Forest Research, 2017, 47, 1432-1437.	1.7	9
93	Fertilization of lodgepole pine trees increased diameter growth but reduced root carbohydrate concentrations. Forest Ecology and Management, 2010, 260, 1914-1920.	3.2	8
94	Competitors and natural enemies may cumulatively mediate Dendroctonus ponderosae colonization of burned Pinus forests. Forest Ecology and Management, 2015, 337, 98-109.	3.2	8
95	Exposure to Fungal Volatiles Can Influence Volatile Emissions From Other Ophiostomatoid Fungi. Frontiers in Microbiology, 2020, 11, 567462.	3.5	8
96	Induced Defenses of a Novel Host Tree Affect the Growth and Interactions of Bark Beetle-Vectored Fungi. Microbial Ecology, 2020, 80, 181-190.	2.8	8
97	Using structural sustainability for forest health monitoring and triage: Case study of a mountain pine beetle (Dendroctonus ponderosae)-impacted landscape. Ecological Indicators, 2016, 70, 451-459.	6.3	7
98	A Native Parasitic Plant Systemically Induces Resistance in Jack Pine to a Fungal Symbiont of Invasive Mountain Pine Beetle. Journal of Chemical Ecology, 2017, 43, 506-518.	1.8	7
99	Mountain pine beetle outbreak enhanced resin duct-defenses of lodgepole pine trees. Forest Ecology and Management, 2019, 441, 271-279.	3.2	7
100	Integrating genomic information and productivity and climate-adaptability traits into a regional white spruce breeding program. PLoS ONE, 2022, 17, e0264549.	2.5	7
101	Too much of a good thing: landscape-scale facilitation eventually turns into competition between a lepidopteran defoliator and a bark beetle. Landscape Ecology, 2015, 30, 301-312.	4.2	6
102	Changes in soil fungal communities following anthropogenic disturbance are linked to decreased lodgepole pine seedling performance. Journal of Applied Ecology, 2020, 57, 1292-1302.	4.0	6
103	Mechanisms and consequences of flight polyphenisms in an outbreaking bark beetle species. Journal of Experimental Biology, 2020, 223, .	1.7	4
104	Density-dependent responses of mountain pine beetle to its pheromones and host volatiles in naïve lodgepole pine stands. Forest Ecology and Management, 2020, 472, 118257.	3.2	4
105	Increment Coring Induced Traumatic Resin Ducts in White Spruce But Not in Lodgepole Pine. Tree-Ring Research, 2020, 76, 54.	0.6	4
106	Host Defense Metabolites Alter the Interactions between a Bark Beetle and its Symbiotic Fungi. Microbial Ecology, 2022, 84, 834-843.	2.8	4
107	Soil inoculation of lodgepole pine seedlings alters root-associated fungal communities but does not improve seedling performance in beetle-killed pine stands. Restoration Ecology, 2023, 31, .	2.9	4
108	First Observations of Mormon Metalmark (Apodemia mormo) Oviposition Behaviour in Canada. Canadian Field-Naturalist, 2012, 126, 34.	0.1	3

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109	Fire-mediated interactions between a tree-killing bark beetle and its competitors. <i>Forest Ecology and Management</i> , 2015, 356, 262-272.	3.2	3
110	Short- and long-term cold storage of jack pine bolts is associated with higher concentrations of monoterpenes and nutrients. <i>Canadian Journal of Forest Research</i> , 2019, 49, 305-308.	1.7	3
111	Soil transfers from intact to disturbed boreal forests neither alter ectomycorrhizal fungal communities nor improve pine seedling performance. <i>Journal of Applied Ecology</i> , 2022, 59, 2430-2439.	4.0	3
112	Evidence for divergence in cuticular hydrocarbon sex pheromone between California and Mississippi (United States of America) populations of bark beetle parasitoid <i>Roptrocercus xylophagorum</i> (Hymenoptera: Pteromalidae). <i>Canadian Entomologist</i> , 2015, 147, 472-475.	0.8	2
113	Mutualistic Ophiostomatoid Fungi Equally Benefit from Both a Bark Beetle Pheromone and Host Tree Volatiles as Nutrient Sources. <i>Microbial Ecology</i> , 2021, 81, 1106-1110.	2.8	2
114	Microhabitat Use in a Northern Peripheral Population of <i>Apodemia mormo</i> : Factors Beyond the Host Plant. <i>Journal of the Lepidopterists' Society</i> , 2014, 68, 54-60.	0.2	1
115	Soil Available Water Holding Capacity Can Alter the Reproductive Performance of Mountain Pine Beetle (Coleoptera: Curculionidae) in Jack Pine (Pinales: Pinaceae) Through Phloem Nitrogen Concentration. <i>Environmental Entomology</i> , 2019, 48, 945-952.	1.4	1
116	Chemical similarity between introduced and native populations of Scots pine can facilitate transcontinental expansion of mountain pine beetle in North America. <i>Biological Invasions</i> , 2020, 22, 1067-1083.	2.4	1
117	An invasive grass and litter impact tree encroachment into a native grassland. <i>Applied Vegetation Science</i> , 2021, 24, e12618.	1.9	1