

Mark D Hunter

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

7,620
citations

41344

49
h-index

66911

78
g-index

156
all docs

156
docs citations

156
times ranked

6844
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Hydrolyzable Tannins (Gallotannins and Ellagitannins) after Reaction with Potassium Iodate. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1785-1790.	5.2	256
2	Self-Medication in Animals. <i>Science</i> , 2013, 340, 150-151.	12.6	217
3	Insect population dynamics meets ecosystem ecology: effects of herbivory on soil nutrient dynamics. <i>Agricultural and Forest Entomology</i> , 2001, 3, 77-84.	1.3	197
4	WHAT GOES UP MUST COME DOWN? NUTRIENT ADDITION AND PREDATION PRESSURE ON OAK HERBIVORES. <i>Ecology</i> , 2000, 81, 1588-1600.	3.2	178
5	Landscape structure, habitat fragmentation, and the ecology of insects. <i>Agricultural and Forest Entomology</i> , 2002, 4, 159-166.	1.3	171
6	A variable insect-plant interaction: the relationship between tree budburst phenology and population levels of insect herbivores among trees. <i>Ecological Entomology</i> , 1992, 17, 91-95.	2.2	166
7	HOST-PLANT QUALITY INFLUENCES DIAPAUSE AND VOLTINISM IN A POLYPHAGOUS INSECT HERBIVORE. <i>Ecology</i> , 1997, 78, 977-986.	3.2	159
8	INSECT CANOPY HERBIVORY AND FRASS DEPOSITION AFFECT SOIL NUTRIENT DYNAMICS AND EXPORT IN OAK MESOCOSMS. <i>Ecology</i> , 2004, 85, 3335-3347.	3.2	154
9	Out of sight, out of mind: the impacts of root-feeding insects in natural and managed systems. <i>Agricultural and Forest Entomology</i> , 2001, 3, 3-9.	1.3	153
10	PHENOTYPIC DIVERSITY INFLUENCES ECOSYSTEM FUNCTIONING IN AN OAK SANDHILLS COMMUNITY. <i>Ecology</i> , 2002, 83, 2084-2090.	3.2	139
11	Special Feature: The Relative Contributions to Top-Down and Bottom-Up Forces in Population and Community Ecology. <i>Ecology</i> , 1992, 73, 723-723.	3.2	135
12	Effects of elevated atmospheric carbon dioxide on insect-plant interactions. <i>Agricultural and Forest Entomology</i> , 2001, 3, 153-159.	1.3	134
13	Induced plant defenses breached? Phytochemical induction protects an herbivore from disease. <i>Oecologia</i> , 1993, 94, 195-203.	2.0	133
14	Consequences of non-random species loss for decomposition dynamics: experimental evidence for additive and non-additive effects. <i>Journal of Ecology</i> , 2008, 96, 303-313.	4.0	127
15	NONADDITIVE EFFECTS OF LEAF LITTER SPECIES DIVERSITY ON BREAKDOWN DYNAMICS IN A DETRITUS-BASED STREAM. <i>Ecology</i> , 2007, 88, 1167-1176.	3.2	124
16	Differential susceptibility to variable plant phenology and its role in competition between two insect herbivores on oak. <i>Ecological Entomology</i> , 1990, 15, 401-408.	2.2	117
17	Rickettsia associated with male-killing in a buprestid beetle. <i>Heredity</i> , 2001, 86, 497-505.	2.6	116
18	Evidence for trans-generational medication in nature. <i>Ecology Letters</i> , 2010, 13, 1485-1493.	6.4	113

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19	Effects of plant quality on the population ecology of parasitoids. <i>Agricultural and Forest Entomology</i> , 2003, 5, 1-8.	1.3	109
20	Host plant species affects virulence in monarch butterfly parasites. <i>Journal of Animal Ecology</i> , 2008, 77, 120-126.	2.8	109
21	FOOD PLANT DERIVED DISEASE TOLERANCE AND RESISTANCE IN A NATURAL BUTTERFLY-PLANT-PARASITE INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3367-3376.	2.3	109
22	Green algal extracellular products regulate antialgal toxin production in a cyanobacterium. <i>Environmental Microbiology</i> , 2000, 2, 291-297.	3.8	100
23	Herbivore-induced shifts in carbon and nitrogen allocation in red oak seedlings. <i>New Phytologist</i> , 2008, 178, 835-845.	7.3	100
24	Opposing effects of spring defoliation on late season oak caterpillars. <i>Ecological Entomology</i> , 1987, 12, 373-382.	2.2	97
25	Fertilization Mitigates Chemical Induction and Herbivore Responses Within Damaged Oak Trees. <i>Ecology</i> , 1995, 76, 1226-1232.	3.2	95
26	Recycling of nitrogen in herbivore feces: plant recovery, herbivore assimilation, soil retention, and leaching losses. <i>Oecologia</i> , 2007, 151, 42-53.	2.0	90
27	Cycles in insect populations: delayed density dependence or exogenous driving variables?. <i>Ecological Entomology</i> , 1998, 23, 216-222.	2.2	88
28	Relative effects of macroinvertebrates and habitat on the chemistry of litter during decomposition. <i>Pedobiologia</i> , 2003, 47, 101-115.	1.2	88
29	HURRICANE DAMAGE INFLUENCES FOLIAR POLYPHENOLICS AND SUBSEQUENT HERBIVORY ON SURVIVING TREES. <i>Ecology</i> , 1999, 80, 2676-2682.	3.2	84
30	The Phytochemical Landscape. , 2016, , .		83
31	Plant defence theory re-examined: nonlinear expectations based on the costs and benefits of resource mutualisms. <i>Journal of Ecology</i> , 2011, 99, 66-76.	4.0	80
32	Multiple approaches to estimating the relative importance of top-down and bottom-up forces on insect populations: Experiments, life tables, and time-series analysis. <i>Basic and Applied Ecology</i> , 2001, 2, 295-309.	2.7	79
33	Phenotypic variation in oak litter influences short- and long-term nutrient cycling through litter chemistry. <i>Soil Biology and Biochemistry</i> , 2005, 37, 319-327.	8.8	79
34	Interactions within Herbivore Communities Mediated by the Host Plant: The Keystone Herbivore Concept. , 1992, , 287-325.		77
35	Arbuscular mycorrhizal fungi affect plant tolerance and chemical defences to herbivory through different mechanisms. <i>Journal of Ecology</i> , 2016, 104, 561-571.	4.0	75
36	More is not necessarily better: the impact of limiting and excessive nutrients on herbivore population growth rates. <i>Ecological Entomology</i> , 2009, 34, 535-543.	2.2	73

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37	Elevated CO ₂ lowers relative and absolute herbivore density across all species of a scrub-oak forest. <i>Oecologia</i> , 2003, 134, 82-87.	2.0	72
38	Cynipid gall-wasp communities correlate with oak chemistry. <i>Journal of Chemical Ecology</i> , 2003, 29, 209-223.	1.8	68
39	Mycorrhizal fungi as mediators of defence against insect pests in agricultural systems. <i>Agricultural and Forest Entomology</i> , 2009, 11, 351-358.	1.3	64
40	Intraspecific litter diversity and nitrogen deposition affect nutrient dynamics and soil respiration. <i>Oecologia</i> , 2003, 136, 124-128.	2.0	63
41	POPULATION DYNAMICS OF MOTTLED SCULPIN (PISCES) IN A VARIABLE ENVIRONMENT: INFORMATION THEORETIC APPROACHES. <i>Ecological Monographs</i> , 2006, 76, 217-234.	5.4	63
42	Leaf phenolic inhibition of gypsy moth nuclear polyhedrosis virus Role of polyhedral inclusion body aggregation. <i>Journal of Chemical Ecology</i> , 1990, 16, 1445-1457.	1.8	60
43	Behavioural resistance against a protozoan parasite in the monarch butterfly. <i>Journal of Animal Ecology</i> , 2012, 81, 70-79.	2.8	59
44	Insect herbivores and their frass affect <i>Quercus rubra</i> leaf quality and initial stages of subsequent litter decomposition. <i>Oikos</i> , 2008, 117, 13-22.	2.7	58
45	Designing for conservation of insects in the built environment. <i>Insect Conservation and Diversity</i> , 2008, 1, 189-196.	3.0	57
46	Phenotypic diversity and litter chemistry affect nutrient dynamics during litter decomposition in a two species mix. <i>Oikos</i> , 2004, 105, 125-131.	2.7	56
47	Why does a good thing become too much? Interactions between foliar nutrients and toxins determine performance of an insect herbivore. <i>Functional Ecology</i> , 2014, 28, 190-196.	3.6	56
48	A breath of fresh air: beyond laboratory studies of plant volatile-natural enemy interactions. <i>Agricultural and Forest Entomology</i> , 2002, 4, 81-86.	1.3	55
49	Does anthropogenic nitrogen deposition induce phosphorus limitation in herbivorous insects?. <i>Global Change Biology</i> , 2012, 18, 1843-1853.	9.5	54
50	Aphids indirectly increase virulence and transmission potential of a monarch butterfly parasite by reducing defensive chemistry of a shared food plant. <i>Ecology Letters</i> , 2011, 14, 453-461.	6.4	53
51	Response of soil invertebrates to forest canopy inputs along a productivity gradient. <i>Pedobiologia</i> , 2003, 47, 127-139.	1.2	52
52	Genetic variation in expression of defense phenotype may mediate evolutionary adaptation of <i>Asclepias syriaca</i> to elevated CO ₂ . <i>Global Change Biology</i> , 2011, 17, 1277-1288.	9.5	52
53	Secondary Defense Chemicals in Milkweed Reduce Parasite Infection in Monarch Butterflies, <i>Danaus plexippus</i> . <i>Journal of Chemical Ecology</i> , 2015, 41, 520-523.	1.8	52
54	Effects of variation among plant species on the interaction between a herbivore and its parasitoid. <i>Ecological Entomology</i> , 2004, 29, 44-51.	2.2	49

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55	Maintenance of leaf N controls the photosynthetic CO ₂ response of grassland species exposed to 9 years of free-air CO ₂ enrichment. <i>Global Change Biology</i> , 2010, 16, 2076-2088.	9.5	49
56	Migratory monarchs that encounter resident monarchs show life-history differences and higher rates of parasite infection. <i>Ecology Letters</i> , 2018, 21, 1670-1680.	6.4	48
57	Effects of endemic densities of canopy herbivores on nutrient dynamics along a gradient in elevation in the southern Appalachians. <i>Pedobiologia</i> , 2003, 47, 231-244.	1.2	46
58	Interspecific Variation Within the Genus <i>Asclepias</i> in Response to Herbivory by a Phloem-feeding Insect Herbivore. <i>Journal of Chemical Ecology</i> , 2007, 33, 2044-2053.	1.8	45
59	Environmental variation has stronger effects than plant genotype on competition among plant species. <i>Journal of Ecology</i> , 2008, 96, 947-955.	4.0	44
60	Elevational and Seasonal Variation in the Foliar Quality and Arthropod Community of <i>Acer pensylvanicum</i> . <i>Environmental Entomology</i> , 2009, 38, 1161-1167.	1.4	44
61	Effects of nitrogen deposition on the interaction between an aphid and its host plant. <i>Ecological Entomology</i> , 2008, 33, 24-30.	2.2	43
62	Climate change and an invasive, tropical milkweed: an ecological trap for monarch butterflies. <i>Ecology</i> , 2018, 99, 1031-1038.	3.2	43
63	Nitrogen and Phosphorus Release from Mixed Litter Layers is Lower than Predicted from Single Species Decay. <i>Ecosystems</i> , 2009, 12, 87-100.	3.4	42
64	Long-term population dynamics of a sawfly show strong bottom-up effects. <i>Journal of Animal Ecology</i> , 2005, 74, 917-925.	2.8	41
65	Current temporal trends in moth abundance are counter to predicted effects of climate change in an assemblage of subarctic forest moths. <i>Global Change Biology</i> , 2014, 20, 1723-1737.	9.5	41
66	Elevational trends in defense chemistry, vegetation, and reproduction in <i>Sanguinaria canadensis</i> . , 2001, 27, 1713-1727.		40
67	Transcriptomics of monarch butterflies (<i>Danaus plexippus</i>) reveals that toxic host plants alter expression of detoxification genes and down-regulate a small number of immune genes. <i>Molecular Ecology</i> , 2019, 28, 4845-4863.	3.9	40
68	Modelling Gypsy Moth-Virus-Leaf Chemistry Interactions: Implications of Plant Quality for Pest and Pathogen Dynamics. <i>Journal of Animal Ecology</i> , 1992, 61, 509.	2.8	39
69	Mycorrhizal abundance affects the expression of plant resistance traits and herbivore performance. <i>Journal of Ecology</i> , 2013, 101, 1019-1029.	4.0	39
70	Variation in concentrations of phloridzin and phloretin in apple foliage. <i>Phytochemistry</i> , 1993, 34, 1251-1254.	2.9	38
71	Using Gall Wasps on Oaks to Test Broad Ecological Concepts. <i>Conservation Biology</i> , 2004, 18, 1405-1416.	4.7	38
72	Effects of elevated CO ₂ on foliar quality and herbivore damage in a scrub oak ecosystem. <i>Journal of Chemical Ecology</i> , 2005, 31, 267-286.	1.8	38

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73	Global change alters the stability of food webs. <i>Global Change Biology</i> , 2005, 11, 490-501.	9.5	36
74	A comparison of maternal effects and current environment on vital rates of <i>Aphis nerii</i> , the milkweed oleander aphid. <i>Ecological Entomology</i> , 2007, 32, 172-180.	2.2	36
75	Fitness costs of animal medication: antiparasitic plant chemicals reduce fitness of monarch butterfly hosts. <i>Journal of Animal Ecology</i> , 2016, 85, 1246-1254.	2.8	36
76	Linkages between below and aboveground communities: Decomposer responses to simulated tree species loss are largely additive. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1155-1163.	8.8	35
77	Arbuscular mycorrhizal fungi alter above- and below-ground chemical defense expression differentially among <i>Asclepias</i> species. <i>Frontiers in Plant Science</i> , 2013, 4, 361.	3.6	35
78	Hemlock Infestation and Mortality: Impacts on Nutrient Pools and Cycling in Appalachian Forests. <i>Soil Science Society of America Journal</i> , 2011, 75, 1935-1945.	2.2	34
79	Investigating Predictors of Plant Establishment During Roadside Restoration. <i>Restoration Ecology</i> , 2012, 20, 315-321.	2.9	33
80	Chronic nitrogen deposition alters the structure and function of detrital food webs in a northern hardwood ecosystem. <i>Ecological Applications</i> , 2013, 23, 1311-1321.	3.8	33
81	Trophic promiscuity, intraguild predation and the problem of omnivores. <i>Agricultural and Forest Entomology</i> , 2009, 11, 125-131.	1.3	32
82	Rapid In Situ Analysis of Plant Emission for Disease Diagnosis Using a Portable Gas Chromatography Device. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7530-7537.	5.2	32
83	How does global change affect the strength of trophic interactions?. <i>Basic and Applied Ecology</i> , 2004, 5, 505-514.	2.7	30
84	Variation in plant quality and the population dynamics of herbivores: there is nothing average about aphids. <i>Oecologia</i> , 2005, 145, 196-203.	2.0	29
85	Trophic stability of soil oribatid mites in the face of environmental change. <i>Soil Biology and Biochemistry</i> , 2014, 68, 71-77.	8.8	29
86	Antimicrobial Activity of Polyphenols Mediates Plant-Herbivore Interactions. , 1992, , 621-637.		29
87	Population-level variation in plant secondary chemistry, and the population biology of herbivores. <i>Chemoecology</i> , 1996, 7, 45-56.	1.1	28
88	Maternal effects and the population dynamics of insects on plants. <i>Agricultural and Forest Entomology</i> , 2002, 4, 1-9.	1.3	28
89	Natural Variability in Plants and Animals. , 1992, , 1-12.		28
90	Time tells: long-term patterns in the population dynamics of the yew gall midge, <i>Taxomyia taxi</i> (Cecidomyiidae), over 35 years. <i>Ecological Entomology</i> , 2005, 30, 86-95.	2.2	27

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91	Allocation of resources away from sites of herbivory under simultaneous attack by aboveground and belowground herbivores in the common milkweed, <i>Asclepias syriaca</i> . <i>Arthropod-Plant Interactions</i> , 2013, 7, 217-224.	1.1	27
92	Self-medication in insects: when altered behaviors of infected insects are a defense instead of a parasite manipulation. <i>Current Opinion in Insect Science</i> , 2019, 33, 1-6.	4.4	27
93	Factors affecting population dynamics of leaf beetles in a subarctic region: The interplay between climate warming and pollution decline. <i>Science of the Total Environment</i> , 2016, 566-567, 1277-1288.	8.0	26
94	Elevated atmospheric concentrations of carbon dioxide reduce monarch tolerance and increase parasite virulence by altering the medicinal properties of milkweeds. <i>Ecology Letters</i> , 2018, 21, 1353-1363.	6.4	26
95	Genetic variation in plant volatile emission does not result in differential attraction of natural enemies in the field. <i>Oecologia</i> , 2014, 174, 479-491.	2.0	25
96	Local variation in plant quality influences large-scale population dynamics. <i>Oikos</i> , 2015, 124, 1160-1170.	2.7	25
97	Mycorrhizae Alter Constitutive and Herbivore-Induced Volatile Emissions by Milkweeds. <i>Journal of Chemical Ecology</i> , 2019, 45, 610-625.	1.8	25
98	Environmental and genotypic influences on isoquinoline alkaloid content in <i>Sanguinaria canadensis</i> . , 2001, 27, 1729-1747.		24
99	Effects of diet and temperature on monarch butterfly wing morphology and flight ability. <i>Journal of Insect Conservation</i> , 2020, 24, 961-975.	1.4	24
100	Arbuscular mycorrhizal fungi mediate herbivore-induced of plant defenses differently above and belowground. <i>Oikos</i> , 2018, 127, 1759-1775.	2.7	23
101	Novelty and Synthesis in the Development of Population Dynamics. , 1995, , 389-412.		22
102	Mixed signals and cross-talk: interactions between plants, insect herbivores and plant pathogens. <i>Agricultural and Forest Entomology</i> , 2000, 2, 155-160.	1.3	22
103	Effects of Maternal Age and Environment on Offspring Vital Rates in the Oleander Aphid (Hemiptera: Tj ETQq1 1 0,784314 rgBT /Ove	1.4	22
104	Disease ecology across soil boundaries: effects of below-ground fungi on above-ground host-parasite interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151993.	2.6	20
105	Trans-generational parasite protection associated with paternal diet. <i>Journal of Animal Ecology</i> , 2015, 84, 310-321.	2.8	20
106	Microbial Root Mutualists Affect the Predators and Pathogens of Herbivores above Ground: Mechanisms, Magnitudes, and Missing Links. <i>Frontiers in Ecology and Evolution</i> , 2017, 5, .	2.2	20
107	Effects of Elevated CO ₂ and Herbivore Damage on Litter Quality in a Scrub Oak Ecosystem. <i>Journal of Chemical Ecology</i> , 2005, 31, 2343-2356.	1.8	19
108	Population Dynamics of an Insect Herbivore over 32 Years are Driven by Precipitation and Host-Plant Effects: Testing Model Predictions. <i>Environmental Entomology</i> , 2015, 44, 463-473.	1.4	19

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109	Elevated CO ₂ increases the long-term decomposition rate of <i>Quercus myrtifolia</i> leaf litter. <i>Global Change Biology</i> , 2006, 12, 568-577.	9.5	18
110	What Goes up Must Come down? Nutrient Addition and Predation Pressure on Oak Herbivores. <i>Ecology</i> , 2000, 81, 1588.	3.2	18
111	Effects of Apple Leaf Allelochemistry on Tufted Apple Bud Moth (Lepidoptera: Tortricidae) Resistance to Azinphosmethyl. <i>Journal of Economic Entomology</i> , 1994, 87, 1423-1429.	1.8	16
112	A Genetically-Based Latitudinal Cline in the Emission of Herbivore-Induced Plant Volatile Organic Compounds. <i>Journal of Chemical Ecology</i> , 2013, 39, 1101-1111.	1.8	16
113	Interactions between <i>Operophtera brumata</i> and <i>Tortrix viridana</i> on oak: new evidence from time-series analysis. <i>Ecological Entomology</i> , 1998, 23, 168-173.	2.2	15
114	Phytochemical changes in milkweed induced by elevated CO ₂ alter wing morphology but not toxin sequestration in monarch butterflies. <i>Functional Ecology</i> , 2019, 33, 411-421.	3.6	15
115	Sound production in larvae of <i>Diurnea fagella</i> (Lepidoptera: Oecophoridae). <i>Ecological Entomology</i> , 1987, 12, 355-357.	2.2	14
116	Soil respiration from four aggrading forested watersheds measured over a quarter century. <i>Forest Ecology and Management</i> , 2002, 157, 247-253.	3.2	14
117	Toxins or medicines? Phytoplankton diets mediate host and parasite fitness in a freshwater system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182231.	2.6	14
118	Isolation and characterization of microsatellite loci in the common milkweed, <i>Asclepias syriaca</i> (Apocynaceae). <i>American Journal of Botany</i> , 2010, 97, e37-8.	1.7	13
119	Environmental causes and transgenerational consequences of ecdysteroid hormone provisioning in <i>Acheta domesticus</i> . <i>Journal of Insect Physiology</i> , 2018, 109, 69-78.	2.0	13
120	Geographic and parental influences on diapause by a polyphagous insect herbivore. <i>Agricultural and Forest Entomology</i> , 2000, 2, 49-55.	1.3	12
121	Host Diet Affects the Morphology of Monarch Butterfly Parasites. <i>Journal of Parasitology</i> , 2017, 103, 228-236.	0.7	12
122	Evaluation of Resistance to Tufted Apple Bud Moth (Lepidoptera: Tortricidae) Within and Among Apple Cultivars. <i>Environmental Entomology</i> , 1994, 23, 282-291.	1.4	11
123	Diverse population trajectories among coexisting species of subarctic forest moths. <i>Population Ecology</i> , 2010, 52, 295-305.	1.2	11
124	Social density, but not sex ratio, drives ecdysteroid hormone provisioning to eggs by female house crickets (<i>Acheta domesticus</i>). <i>Ecology and Evolution</i> , 2018, 8, 10257-10265.	1.9	11
125	Mycorrhizae Alter Toxin Sequestration and Performance of Two Specialist Herbivores. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	11
126	The Effects of Milkweed Induced Defense on Parasite Resistance in Monarch Butterflies, <i>Danaus plexippus</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 1040-1044.	1.8	11

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127	Between hyperbole and hysteria. Entomological issues and the deployment of transgenic plants. <i>Agricultural and Forest Entomology</i> , 2000, 2, 77-84.	1.3	10
128	Detecting cycles and delayed density dependence: a reply to Turchin and Berryman. <i>Ecological Entomology</i> , 2000, 25, 122-124.	2.2	10
129	Scale dependency of dispersal limitation, environmental filtering and biotic interactions determine the diversity and composition of oribatid mite communities. <i>Pedobiologia</i> , 2019, 74, 43-53.	1.2	10
130	The relative strengths of rapid and delayed density dependence acting on a terrestrial herbivore change along a pollution gradient. <i>Journal of Animal Ecology</i> , 2019, 88, 665-676.	2.8	10
131	Nutrient Cycling. , 2004, , 387-396.		9
132	Climate warming leads to decline in frequencies of melanic individuals in subarctic leaf beetle populations. <i>Science of the Total Environment</i> , 2019, 673, 237-244.	8.0	9
133	Self-Medication: A Learning Process?â€”Response. <i>Science</i> , 2013, 340, 1042-1042.	12.6	8
134	Genetic variation in plant below-ground response to elevated CO ₂ and two herbivore species. <i>Plant and Soil</i> , 2014, 384, 303-314.	3.7	8
135	Effects of soil nutrients on the sequestration of plant defence chemicals by the specialist insect herbivore, <i>Danaus plexippus</i> . <i>Ecological Entomology</i> , 2015, 40, 123-132.	2.2	8
136	Public Health System Response to Extreme Weather Events. <i>Journal of Public Health Management and Practice</i> , 2016, 22, E1-E10.	1.4	8
137	The herbivoreâ€™s prescription. , 2012, , 78-100.		7
138	Unraveling the roles of genotype and environment in the expression of plant defense phenotypes. <i>Ecology and Evolution</i> , 2021, 11, 8542-8561.	1.9	7
139	Long-term consequences of biochemical and biogeochemical changes in the Horseshoe Bend agroecosystem, Athens, GA. <i>European Journal of Soil Biology</i> , 2006, 42, S79-S84.	3.2	6
140	Spatial heterogeneity in the relative impacts of foliar quality and predation pressure on red oak, <i>Quercus rubra</i> , arthropod communities. <i>Oecologia</i> , 2010, 164, 1017-1027.	2.0	6
141	Effects of herbivores on terrestrial ecosystem processes. , 2012, , 339-370.		6
142	Effects of Maternal Age and Environment on Offspring Vital Rates in the Oleander Aphid (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	6
143	WHEN A PICTURE TAINTS A THOUSAND WORDS: TRUE IMAGES OF DIET-INDUCED DIAPAUSE IN A POLYPHAGOUS INSECT HERBIVORE (ERRATUM). <i>Ecology</i> , 1997, 78, 2267-2268.	3.2	5
144	Multi-trophic interactions and migration behaviour determine the ecology and evolution of parasite infection in monarch butterflies. , 2019, , 480-510.		5

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145	Elevated atmospheric concentrations of CO ₂ increase endogenous immune function in a specialist herbivore. <i>Journal of Animal Ecology</i> , 2021, 90, 628-640.	2.8	3
146	Hurricane Damage Influences Foliar Polyphenolics and Subsequent Herbivory on Surviving Trees. <i>Ecology</i> , 1999, 80, 2676.	3.2	3
147	Interspecific variation and elevated CO ₂ influence the relationship between plant chemical resistance and regrowth tolerance. <i>Ecology and Evolution</i> , 2020, 10, 5416-5430.	1.9	2
148	Ecological Causes of Pest Outbreaks. , 2002, , .		2
149	Variable effects of mycorrhizal fungi on predator-prey dynamics under field conditions. <i>Journal of Animal Ecology</i> , 2021, 90, 1341-1352.	2.8	1
150	Linking Population Processes and Ecosystem Processes Through Changes in Plant Chemistry. <i>Bulletin of the Ecological Society of America</i> , 2014, 95, 214-215.	0.2	0
151	Long-Term Consequences of Biological and Biogeochemical Changes in the Horseshoe Bend Long-Term Agroecosystem Project. <i>Advances in Agroecology</i> , 2009, , 195-209.	0.3	0