

Richard Karban

List of Publications by Year in descending order

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Version: 2024-02-01

149
papers

11,497
citations

38660

50
h-index

39575

94
g-index

155
all docs

155
docs citations

155
times ranked

7051
citing authors

#	ARTICLE	IF	CITATIONS
1	Explaining evolution of plant communication by airborne signals. <i>Trends in Ecology and Evolution</i> , 2010, 25, 137-144.	4.2	475
2	The ecology and evolution of induced resistance against herbivores. <i>Functional Ecology</i> , 2011, 25, 339-347.	1.7	379
3	Communication between plants: induced resistance in wild tobacco plants following clipping of neighboring sagebrush. <i>Oecologia</i> , 2000, 125, 66-71.	0.9	376
4	Exogenous jasmonates simulate insect wounding in tomato plants (<i>Lycopersicon esculentum</i>) in the laboratory and field. <i>Journal of Chemical Ecology</i> , 1996, 22, 1767-1781.	0.9	325
5	The ecosystem and evolutionary contexts of allelopathy. <i>Trends in Ecology and Evolution</i> , 2011, 26, 655-662.	4.2	313
6	Herbivore Offense. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 641-664.	6.7	291
7	DAMAGE-INDUCED RESISTANCE IN SAGEBRUSH: VOLATILES ARE KEY TO INTRA- AND INTERPLANT COMMUNICATION. <i>Ecology</i> , 2006, 87, 922-930.	1.5	270
8	Jasmonate-mediated induced plant resistance affects a community of herbivores. <i>Ecological Entomology</i> , 2001, 26, 312-324.	1.1	252
9	Breakdown of an Ant-Plant Mutualism Follows the Loss of Large Herbivores from an African Savanna. <i>Science</i> , 2008, 319, 192-195.	6.0	251
10	Plant behaviour and communication. <i>Ecology Letters</i> , 2008, 11, 727-739.	3.0	249
11	Volatile communication between plants that affects herbivory: a meta-analysis. <i>Ecology Letters</i> , 2014, 17, 44-52.	3.0	243
12	Induced plant responses and information content about risk of herbivory. <i>Trends in Ecology and Evolution</i> , 1999, 14, 443-447.	4.2	226
13	Damage to sagebrush attracts predators but this does not reduce herbivory. <i>Entomologia Experimentalis Et Applicata</i> , 2007, 125, 71-80.	0.7	193
14	Cross-talk between jasmonate and salicylate plant defense pathways: effects on several plant parasites. <i>Oecologia</i> , 2002, 131, 227-235.	0.9	191
15	Variability in plant nutrients reduces insect herbivore performance. <i>Nature</i> , 2016, 539, 425-427.	13.7	186
16	THE BENEFITS OF INDUCED DEFENSES AGAINST HERBIVORES. <i>Ecology</i> , 1997, 78, 1351-1355.	1.5	184
17	Self-recognition affects plant communication and defense. <i>Ecology Letters</i> , 2009, 12, 502-506.	3.0	178
18	Defended Fortresses or Moving Targets? Another Model of Inducible Defenses Inspired by Military Metaphors. <i>American Naturalist</i> , 1994, 144, 813-832.	1.0	169

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19	Kin recognition affects plant communication and defence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20123062.	1.2	153
20	Effects of Herbivores on Growth and Reproduction of their Perennial Host, <i>Erigeron Glaucus</i> . <i>Ecology</i> , 1993, 74, 39-46.	1.5	150
21	Fine-scale adaptation of herbivorous thrips to individual host plants. <i>Nature</i> , 1989, 340, 60-61.	13.7	149
22	Herbivore damage to sagebrush induces resistance in wild tobacco: evidence for eavesdropping between plants. <i>Oikos</i> , 2003, 100, 325-332.	1.2	132
23	Domatia mediate plantarthropod mutualism. <i>Nature</i> , 1997, 387, 562-563.	13.7	119
24	DIRECT AND INDIRECT EFFECTS OF ALKALOIDS ON PLANT FITNESS VIA HERBIVORY AND POLLINATION. <i>Ecology</i> , 2001, 82, 2032-2044.	1.5	119
25	Increased Reproductive Success at High Densities and Predator Satiation For Periodical Cicadas. <i>Ecology</i> , 1982, 63, 321-328.	1.5	115
26	THE FITNESS CONSEQUENCES OF INTERSPECIFIC EAVESDROPPING BETWEEN PLANTS. <i>Ecology</i> , 2002, 83, 1209-1213.	1.5	110
27	Abundance of phytoseiid mites on <i>Vitis</i> species: effects of leaf hairs, domatia, prey abundance and plant phylogeny. <i>Experimental and Applied Acarology</i> , 1995, 19, 189-197.	0.7	99
28	Interspecific Competition Between Folivorous Insects on <i>Erigeron Glaucus</i> . <i>Ecology</i> , 1986, 67, 1063-1072.	1.5	98
29	Consequences of variation in flowering phenology for seed head herbivory and reproductive success in <i>Erigeron glaucus</i> (Compositae). <i>Oecologia</i> , 1992, 89, 588-595.	0.9	96
30	Effects of an early-season folivorous moth on the success of a later-season species, mediated by a change in the quality of the shared host, <i>Lupinus arboreus</i> Sims. <i>Oecologia</i> , 1986, 69, 354-359.	0.9	95
31	How leaf domatia and induced plant resistance affect herbivores, natural enemies and plant performance. <i>Oikos</i> , 2000, 89, 70-80.	1.2	94
32	Deciphering the language of plant communication: volatile chemotypes of sagebrush. <i>New Phytologist</i> , 2014, 204, 380-385.	3.5	88
33	Costs and Benefits of Induced Resistance and Plant Density for a Native Shrub, <i>Gossypium Thurberi</i> . <i>Ecology</i> , 1993, 74, 9-19.	1.5	87
34	TACHINID PARASITOIDS AFFECT HOST PLANT CHOICE BY CATERPILLARS TO INCREASE CATERPILLAR SURVIVAL. <i>Ecology</i> , 1997, 78, 603-611.	1.5	87
35	Predicting novel herbivore-plant interactions. <i>Oikos</i> , 2013, 122, 1554-1564.	1.2	81
36	Communication between sagebrush and wild tobacco in the field. <i>Biochemical Systematics and Ecology</i> , 2001, 29, 995-1005.	0.6	79

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37	Acquired immunity to herbivory and allelopathy caused by airborne plant emissions. <i>Phytochemistry</i> , 2010, 71, 1642-1649.	1.4	78
38	Neighbourhood affects a plant's risk of herbivory and subsequent success. <i>Ecological Entomology</i> , 1997, 22, 433-439.	1.1	70
39	Evolution of Prolonged Development: A Life Table Analysis for Periodical Cicadas. <i>American Naturalist</i> , 1997, 150, 446-461.	1.0	69
40	PLANT PHASE CHANGE AND RESISTANCE TO HERBIVORY. <i>Ecology</i> , 1999, 80, 510-517.	1.5	69
41	Periodical cicada nymphs impose periodical oak tree wood accumulation. <i>Nature</i> , 1980, 287, 326-327.	13.7	66
42	Community Organization of <i>Erigeron Glaucus Folivores</i> : Effects of Competition, Predation, and Host Plant. <i>Ecology</i> , 1989, 70, 1028-1039.	1.5	65
43	Specificity of constitutive and induced resistance: pigment glands influence mites and caterpillars on cotton plants. <i>Entomologia Experimentalis Et Applicata</i> , 2000, 96, 39-49.	0.7	64
44	Jasmonic Acid Induced Resistance in Grapevines to a Root and Leaf Feeder. <i>Journal of Economic Entomology</i> , 2000, 93, 840-845.	0.8	64
45	A Phylogenetic Reconstruction of Constitutive and Induced Resistance in <i>Gossypium</i> . <i>American Naturalist</i> , 1997, 149, 1139-1146.	1.0	63
46	Induced Resistance and Susceptibility to Herbivory: Plant Memory and Altered Plant Development. <i>Ecology</i> , 1995, 76, 1220-1225.	1.5	61
47	Plant age, communication, and resistance to herbivores: young sagebrush plants are better emitters and receivers. <i>Oecologia</i> , 2006, 149, 214-220.	0.9	59
48	Crowding and a Plant's Ability to Defend Itself Against Herbivores and Diseases. <i>American Naturalist</i> , 1989, 134, 749-760.	1.0	57
49	RELAXATION OF INDUCED INDIRECT DEFENSES OF ACACIAS FOLLOWING EXCLUSION OF MAMMALIAN HERBIVORES. <i>Ecology</i> , 2004, 85, 609-614.	1.5	56
50	Physiological tolerance, climate change, and a northward range shift in the spittlebug, <i>Philaenus spumarius</i> . <i>Ecological Entomology</i> , 2004, 29, 251-254.	1.1	55
51	THE SPECIFICITY OF EAVESDROPPING ON SAGEBRUSH BY OTHER PLANTS. <i>Ecology</i> , 2004, 85, 1846-1852.	1.5	54
52	The ecology and evolution of induced responses to herbivory and how plants perceive risk. <i>Ecological Entomology</i> , 2020, 45, 1-9.	1.1	53
53	Interplant volatile signaling in willows: revisiting the original talking trees. <i>Oecologia</i> , 2013, 172, 869-875.	0.9	52
54	Insect herbivores selectively suppress the <sc>HPL</sc> branch of the oxylipin pathway in host plants. <i>Plant Journal</i> , 2013, 73, 653-662.	2.8	52

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55	Error management in plant allocation to herbivore defense. <i>Trends in Ecology and Evolution</i> , 2015, 30, 441-445.	4.2	51
56	Flight and dispersal of periodical cicadas. <i>Oecologia</i> , 1981, 49, 385-390.	0.9	50
57	Induced defense in <i>Nicotiana attenuata</i> (Solanaceae) fruit and flowers. <i>Oecologia</i> , 2006, 146, 566-571.	0.9	50
58	Experimental clipping of sagebrush inhibits seed germination of neighbours. <i>Ecology Letters</i> , 2007, 10, 791-797.	3.0	50
59	Heteroblasty in <i>Eucalyptus globulus</i> (Myricales: Myricaceae) Affects Ovipositional and Settling Preferences of <i>Ctenarytaina eucalypti</i> and <i>C. spatulata</i> (Homoptera: Psyllidae). <i>Environmental Entomology</i> , 2001, 30, 1144-1149.	0.7	49
60	Host-Plant-Mediated Interactions between a Generalist Folivore and its Tachinid Parasitoid. <i>Journal of Animal Ecology</i> , 1993, 62, 465.	1.3	48
61	Mechanisms of interspecific competition that result in successful control of Pacific mites following inoculations of Willamette mites on grapevines. <i>Oecologia</i> , 1995, 103, 157-161.	0.9	48
62	Resistance against spider mites in cotton induced by mechanical abrasion. <i>Entomologia Experimentalis Et Applicata</i> , 1985, 37, 137-141.	0.7	47
63	Induced Resistance and Plant Density of a Native Shrub, <i>Gossypium Thurberi</i> , Affect Its Herbivores. <i>Ecology</i> , 1993, 74, 1-8.	1.5	45
64	Deciduous leaf drop reduces insect herbivory. <i>Oecologia</i> , 2007, 153, 81-88.	0.9	45
65	Induced resistance to herbivores and the information content of early season attack. <i>Oecologia</i> , 1996, 107, 379-385.	0.9	43
66	Plant Communication. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 1-24.	3.8	43
67	Patchiness, Density, and Aggregative Behavior in Sympatric Allochronic Populations of 17-Year Cicadas. <i>Ecology</i> , 1981, 62, 1525-1535.	1.5	41
68	NEGATIVE EFFECTS OF VERTEBRATE HERBIVORES ON INVERTEBRATES IN A COASTAL DUNE COMMUNITY. <i>Ecology</i> , 2008, 89, 1972-1980.	1.5	41
69	Diet mixing enhances the performance of a generalist caterpillar, <i>Platyprepia virginalis</i> . <i>Ecological Entomology</i> , 2010, 35, 92-99.	1.1	41
70	Caterpillar Basking Behavior and Nonlethal Parasitism by Tachinid Flies. <i>Journal of Insect Behavior</i> , 1998, 11, 713-723.	0.4	39
71	Opposite Density Effects of Nymphal and Adult Mortality for Periodical Cicadas. <i>Ecology</i> , 1984, 65, 1656-1661.	1.5	37
72	Geographic dialects in volatile communication between sagebrush individuals. <i>Ecology</i> , 2016, 97, 2917-2924.	1.5	36

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73	Arctiid larvae survive attack by a tachinid parasitoid and produce viable offspring. <i>Ecological Entomology</i> , 1990, 15, 361-362.	1.1	35
74	Sexual Selection, Body Size and Sex-related Mortality in the Cicada <i>Magicada cassini</i> . <i>American Midland Naturalist</i> , 1983, 109, 324.	0.2	34
75	Indirect effects of the mosquitofish <i>Gambusia affinis</i> on the mosquito <i>Culex tarsalis</i> . <i>Limnology and Oceanography</i> , 1990, 35, 767-771.	1.6	31
76	Induced resistance against spider mites in cotton: Field verification. <i>Entomologia Experimentalis Et Applicata</i> , 1986, 42, 239-242.	0.7	30
77	Genotypic Variation in Constitutive and Induced Resistance in Grapes against Spider Mite (<i>Acari</i>): Tj ETQq1 1 0.784314 rgBT /Overlook	0.7	30
78	An Air Transfer Experiment Confirms the Role of Volatile Cues in Communication between Plants. <i>American Naturalist</i> , 2010, 176, 381-384.	1.0	30
79	Behavioural response of spider mites (<i>Tetranychus urticae</i>) to induced resistance of cotton plants. <i>Ecological Entomology</i> , 1986, 11, 181-188.	1.1	29
80	Are Defenses of Wild Radish Populations Well Matched with Variability and Predictability of Herbivory?. <i>Evolutionary Ecology</i> , 2004, 18, 283-301.	0.5	29
81	Associational resistance for muleâ€™s ears with sagebrush neighbors. <i>Plant Ecology</i> , 2007, 191, 295-303.	0.7	29
82	Host Characteristics, Sampling Intensity, and Species Richness of Lepidoptera Larvae on Broad-Leaved Trees in Southern Ontario. <i>Ecology</i> , 1983, 64, 636-641.	1.5	26
83	Induced Resistance in Wild Tobacco with Clipped Sagebrush Neighbors: The Role of Herbivore Behavior. , 2001, 14, 147-156.		26
84	Jasmonic Acid: A Vaccine Against Leafminers (Diptera: Agromyzidae) in Celery. <i>Environmental Entomology</i> , 2003, 32, 1196-1202.	0.7	26
85	Seasonality of herbivory and communication between individuals of sagebrush. <i>Arthropod-Plant Interactions</i> , 2008, 2, 87-92.	0.5	26
86	Predation and associational refuge drive ontogenetic niche shifts in an arctiid caterpillar. <i>Ecology</i> , 2015, 96, 80-89.	1.5	25
87	Induced resistance in rice against insects. <i>Bulletin of Entomological Research</i> , 2007, 97, 327-335.	0.5	24
88	Population dynamics of an Arctiid caterpillarâ€™tachinid parasitoid system using stateâ€™space models. <i>Journal of Animal Ecology</i> , 2010, 79, 650-661.	1.3	24
89	Longâ€™term demographic consequences of eavesdropping for sagebrush. <i>Journal of Ecology</i> , 2012, 100, 932-938.	1.9	24
90	Nonâ€™trophic effects of litter reduce ant predation and determine caterpillar survival and distribution. <i>Oikos</i> , 2013, 122, 1362-1370.	1.2	23

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91	Prolonged Development in Cicadas. <i>Proceedings in Life Sciences</i> , 1986, , 222-235.	0.5	23
92	Advances in the Evolution and Ecology of 13- and 17-Year Periodical Cicadas. <i>Annual Review of Entomology</i> , 2022, 67, 457-482.	5.7	23
93	A comparison of plants and animals in their responses to risk of consumption. <i>Current Opinion in Plant Biology</i> , 2016, 32, 1-8.	3.5	22
94	As temperature increases, predator attack rate is more important to survival than a smaller window of prey vulnerability. <i>Ecology</i> , 2018, 99, 1584-1590.	1.5	22
95	A judgment and decision-making model for plant behavior. <i>Ecology</i> , 2018, 99, 1909-1919.	1.5	22
96	Complex Consequences of Herbivory and Interplant Cues in Three Annual Plants. <i>PLoS ONE</i> , 2012, 7, e38105.	1.1	22
97	Precipitation affects plant communication and defense. <i>Ecology</i> , 2017, 98, 1693-1699.	1.5	21
98	Effects of local density on fecundity and mating speed for periodical cicadas. <i>Oecologia</i> , 1981, 51, 260-264.	0.9	20
99	Leaf drop affects herbivory in oaks. <i>Oecologia</i> , 2013, 173, 925-932.	0.9	20
100	Chewing sandpaper: grit, plant apparency, and plant defense in sand-trapping plants. <i>Ecology</i> , 2016, 97, 826-833.	1.5	20
101	Wet years have more caterpillars: interacting roles of plant litter and predation by ants. <i>Ecology</i> , 2017, 98, 2370-2378.	1.5	20
102	Neighbors affect resistance to herbivory – a new mechanism. <i>New Phytologist</i> , 2010, 186, 564-566.	3.5	19
103	Facilitation of tiger moths by outbreking tussock moths that share the same host plants. <i>Journal of Animal Ecology</i> , 2012, 81, 1095-1102.	1.3	19
104	Vascular Systemic Induced Resistance For <i>Artemisia cana</i> and Volatile Communication for <i>Artemisia douglasiana</i> . <i>American Midland Naturalist</i> , 2008, 159, 468-477.	0.2	17
105	The importance of host plant limitation for caterpillars of an arctiid moth (<i>Platyprepia virginalis</i>) varies spatially. <i>Ecology</i> , 2012, 93, 2216-2226.	1.5	17
106	Long-Term Habitat Selection and Chronic Root Herbivory: Explaining the Relationship between Periodical Cicada Density and Tree Growth. <i>American Naturalist</i> , 2009, 173, 105-112.	1.0	16
107	Plant communication – why should plants emit volatile cues?. <i>Journal of Plant Interactions</i> , 2011, 6, 81-84.	1.0	16
108	LEAF DROP IN EVERGREEN <i>Ceanothus velutinus</i> AS A MEANS OF REDUCING HERBIVORY. <i>Ecology</i> , 2008, 89, 2446-2452.	1.5	15

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109	Transient habitats limit development time for periodical cicadas. <i>Ecology</i> , 2014, 95, 3-8.	1.5	15
110	Caterpillars escape predation in habitat and thermal refuges. <i>Ecological Entomology</i> , 2015, 40, 725-731.	1.1	15
111	Volatile communication among sagebrush branches affects herbivory: timing of active cues. <i>Arthropod-Plant Interactions</i> , 2009, 3, 99-104.	0.5	13
112	Testing predictions of movement behaviour in a hilltopping moth. <i>Animal Behaviour</i> , 2017, 133, 161-168.	0.8	13
113	Mucilage binding to ground protects seeds of many plants from harvester ants: A functional investigation. <i>Functional Ecology</i> , 2021, 35, 2448-2460.	1.7	12
114	Effects of genetic structure of <i>Lupinus arboreus</i> and previous herbivory on <i>Platyrepia virginalis</i> caterpillars. <i>Oecologia</i> , 1999, 120, 268-273.	0.9	11
115	Entrapped sand as a plant defence: effects on herbivore performance and preference. <i>Ecological Entomology</i> , 2018, 43, 154-161.	1.1	11
116	Decline of meadow spittlebugs, a previously abundant insect, along the California coast. <i>Ecology</i> , 2018, 99, 2614-2616.	1.5	11
117	Proportional fitness loss and the timing of defensive investment: a cohesive framework across animals and plants. <i>Oecologia</i> , 2020, 193, 273-283.	0.9	11
118	Identity recognition and plant behavior. <i>Plant Signaling and Behavior</i> , 2010, 5, 854-855.	1.2	9
119	Do plants "plant signals mediate herbivory consistently in multiple taxa and ecological contexts?. <i>Journal of Plant Interactions</i> , 2013, 8, 203-206.	1.0	9
120	Effects of trichomes on the behavior and distribution of <i>Platyrepia virginalis</i> caterpillars. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 151, 144-151.	0.7	9
121	Airborne signals of communication in sagebrush: a pharmacological approach. <i>Plant Signaling and Behavior</i> , 2015, 10, e1095416.	1.2	9
122	Induction of the sticky plant defense syndrome in wild tobacco. <i>Ecology</i> , 2019, 100, e02746.	1.5	9
123	Altered precipitation dynamics lead to a shift in herbivore dynamical regime. <i>Ecology Letters</i> , 2021, 24, 1400-1407.	3.0	9
124	Seasonal variation of responses to herbivory and volatile communication in sagebrush (<i>Artemisia</i>). <i>Journal of Chemical Ecology</i> , 2012, 38, 1010-1020.	1.2	8
125	Plant communication increases heterogeneity in plant phenotypes and herbivore movement. <i>Functional Ecology</i> , 2017, 31, 990-991.	1.7	8
126	Tradeoff between resistance induced by volatile communication and over-topping vertical growth. <i>Plant Signaling and Behavior</i> , 2017, 12, e1309491.	1.2	8

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127	Effect of genetic relatedness on volatile communication of sagebrush (<i>Artemisia tridentata</i>). Journal of Plant Interactions, 2011, 6, 193-193.	1.0	7
128	Clonal growth of sagebrush (<i>Artemisia tridentata</i>) (Asteraceae) and its relationship to volatile communication. Plant Species Biology, 2012, 27, 69-76.	0.6	7
129	CHEMOTYPIC Variation in Volatiles and Herbivory for Sagebrush. Journal of Chemical Ecology, 2016, 42, 829-840.	0.9	7
130	Feeding and damage-induced volatile cues make beetles disperse and produce a more even distribution of damage for sagebrush. Journal of Animal Ecology, 2020, 89, 2056-2062.	1.3	7
131	Effects of a multi-year drought on a drought-adapted shrub, <i>Artemisia tridentata</i> . Plant Ecology, 2017, 218, 547-554.	0.7	6
132	The effects of pulsed fertilization and chronic herbivory by periodical cicadas on tree growth. Ecology, 2019, 100, e02705.	1.5	6
133	Chewing and other cues induce grass spines that protect meristems. Arthropod-Plant Interactions, 2019, 13, 541-550.	0.5	6
134	Assessing plant-to-plant communication and induced resistance in sagebrush using the sagebrush specialist <i>Trirhabda pilosa</i> . Arthropod-Plant Interactions, 2020, 14, 327-332.	0.5	6
135	Risk of herbivory negatively correlates with the diversity of volatile emissions involved in plant communication. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211790.	1.2	6
136	Plant age, seasonality, and plant communication in sagebrush. Journal of Plant Interactions, 2011, 6, 85-88.	1.0	5
137	Prolonged exposure is required for communication in sagebrush. Arthropod-Plant Interactions, 2012, 6, 197-202.	0.5	5
138	Precipitation-dependent source-sink dynamics in a spatially-structured population of an outbreaking caterpillar. Landscape Ecology, 2019, 34, 1131-1143.	1.9	5
139	Why cicadas (Hemiptera: Cicadidae) develop so slowly. Biological Journal of the Linnean Society, 2022, 135, 291-298.	0.7	5
140	Individual-level differences in generalist caterpillar responses to a plant-plant cue. Ecological Entomology, 2015, 40, 612-619.	1.1	4
141	Loss of branches due to winter storms could favor deciduousness in oaks. American Journal of Botany, 2021, 108, 2309-2314.	0.8	4
142	Unidirectional grass hairs usher insects away from meristems. Oecologia, 2019, 189, 711-718.	0.9	3
143	Effects of experimental watering but not warming on herbivory vary across a gradient of precipitation. Ecology and Evolution, 2021, 11, 2299-2306.	0.8	3
144	Spatial and temporal refugia for an insect population declining due to climate change. Ecosphere, 2021, 12, e03820.	1.0	3

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145	Plant-induced defenses that promote cannibalism reduce herbivory as effectively as highly pathogenic herbivore pathogens. <i>Oecologia</i> , 2022, 199, 397-405.	0.9	3
146	Lack of susceptibility of soil-inhabiting <i>Platyrepia virginalis</i> caterpillars, a native arctiid, to entomopathogenic nematodes in nature. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 140, 28-34.	0.7	2
147	Hilltopping influences spatial dynamics in a patchy population of tiger moths. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	2
148	Consistent individual variation in plant communication: do plants have personalities?. <i>Oecologia</i> , 2022, , 1.	0.9	1
149	Unidirectional trichomes in rice and prickles in <i>Andropogon virginicus</i> protect meristems from herbivory. <i>Entomologia Experimentalis Et Applicata</i> , 2022, 170, 934-940.	0.7	0