Sue E Hartley

List of Publications by Year
in descending order

168 papers	10,939 citations	38742 50 h-index	36028 97 g-index
169 all docs	169 docs citations	169 times ranked	10935 citing authors

#	Article	IF	Citations
1	Herbivory in global climate change research: direct effects of rising temperature on insect herbivores. Global Change Biology, 2002, 8, 1-16.	9.5	1,956
2	Assessment of risk of insect-resistant transgenic crops to nontarget arthropods. Nature Biotechnology, 2008, 26, 203-208.	17.5	436
3	Global assessment of agricultural system redesign for sustainable intensification. Nature Sustainability, 2018, 1, 441-446.	23.7	416
4	Impacts of Plant Symbiotic Fungi on Insect Herbivores: Mutualism in a Multitrophic Context. Annual Review of Entomology, 2009, 54, 323-342.	11.8	388
5	A Protein Competition Model of Phenolic Allocation. Oikos, 1999, 86, 27.	2.7	343
6	Physical defences wear you down: progressive and irreversible impacts of silica on insect herbivores. Journal of Animal Ecology, 2009, 78, 281-291.	2.8	298
7	Silica in grasses as a defence against insect herbivores: contrasting effects on folivores and a phloem feeder. Journal of Animal Ecology, 2006, 75, 595-603.	2.8	249
8	The chemical composition of plant galls: are levels of nutrients and secondary compounds controlled by the gall-former?. Oecologia, 1998, 113, 492-501.	2.0	238
9	Impacts of Rising Atmospheric Carbon Dioxide on Model Terrestrial Ecosystems. Science, 1998, 280, 441-443.	12.6	212
10	Rapid and accurate analyses of silicon and phosphorus in plants using a portable Xâ€ray fluorescence spectrometer. New Phytologist, 2012, 195, 699-706.	7.3	191
11	Experimental demonstration of the antiherbivore effects of silica in grasses: impacts on foliage digestibility and vole growth rates. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2299-2304.	2.6	171
12	â€œInsectageddonâ€: A call for more robust data and rigorous analyses. Global Change Biology, 2019, 25, 1891-1892.	9.5	163
13	Herbivore specific induction of silica-based plant defences. Oecologia, 2007, 152, 677-683.	2.0	158
14	Abovegroundâ€“belowground herbivore interactions: a metaâ€analysis. Ecology, 2012, 93, 2208-2215.	3.2	148
15	Grasses and the resource availability hypothesis: the importance of silica-based defences. Journal of Ecology, 2007, 95, 414-424.	4.0	138
16	How do nutrients and warming impact on plant communities and their insect herbivores? A 9â€year study from a subâ€Arctic heath. Journal of Ecology, 2002, 90, 544-556.	4.0	136
17	Defending the leaf surface: intra- and inter-specific differences in silicon deposition in grasses in response to damage and silicon supply. Frontiers in Plant Science, 2015, 6, 35.	3.6	127
18	The ecology of herbivoreâ€induced silicon defences in grasses. Functional Ecology, 2016, 30, 1311-1322.	3.6	126

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19	Biosynthesis of plant phenolic compounds in elevated atmospheric CO2. Global Change Biology, 2000, 6, 497-506.	9.5	112
20	Roots under attack: contrasting plant responses to belowâ€•and aboveground insect herbivory. New Phytologist, 2016, 210, 413-418.	7.3	109
21	Is Silicon a Panacea for Alleviating Drought and Salt Stress in Crops?. Frontiers in Plant Science, 2020, 11, 1221.	3.6	102
22	Increased yield and CO₂ sequestration potential with the C₄ cereal <i>Sorghum bicolor</i> cultivated in basaltic rock dustâ€amended agricultural soil. Global Change Biology, 2020, 26, 3658-3676.	9.5	102
23	Does mother know best? The preference-performance hypothesis and parent-offspring conflict in aboveground-belowground herbivore life cycles. Ecological Entomology, 2011, 36, 117-124.	2.2	99
24	THE PERILS OF HAVING TASTY NEIGHBORS: GRAZING IMPACTS OF LARGE HERBIVORES AT VEGETATION BOUNDARIES. Ecology, 2003, 84, 2877-2890.	3.2	98
25	Plantâ€mediated effects of soil invertebrates and summer drought on aboveâ€ground multitrophic interactions. Journal of Ecology, 2011, 99, 57-65.	4.0	94
26	A Collaboratively-Derived Science-Policy Research Agenda. PLoS ONE, 2012, 7, e31824.	2.5	87
27	Carabid communities on heather moorlands in northeast Scotland: The consequences of grazing pressure for community diversity. Biological Conservation, 1997, 81, 275-286.	4.1	80
28	Arbuscular Mycorrhizal Fungi and Plant Chemical Defence: Effects of Colonisation on Aboveground and Belowground Metabolomes. Journal of Chemical Ecology, 2018, 44, 198-208.	1.8	79
29	Competition between heather and grasses on Scottish moorlands: Interacting effects of nutrient enrichment and grazing regime. Journal of Vegetation Science, 2001, 12, 249-260.	2.2	76
30	The Role of Silicon in Antiherbivore Phytohormonal Signalling. Frontiers in Plant Science, 2019, 10, 1132.	3.6	75
31	Infection by a foliar endophyte elicits novel arabidopsideâ€based plant defence reactions in its host, <i><scp>C</scp>irsium arvense</i>. New Phytologist, 2015, 205, 816-827.	7.3	74
32	Phenolic biosynthesis, leaf damage, and insect herbivory in birch (Betula pendula). Journal of Chemical Ecology, 1989, 15, 275-283.	1.8	70
33	Competitive interactions betweenNardus strictaL. andCalluna vulgaris(L.) Hull: the effect of fertilizer and defoliation on above- and below-ground performance. Journal of Ecology, 1999, 87, 330-340.	4.0	70
34	The effect of habitat structure on carabid communities during the regeneration of a native Scottish forest. Forest Ecology and Management, 1999, 119, 123-136.	3.2	69
35	Effects of carbon dioxide and nitrogen enrichment on a plant-insect interaction: the quality of Calluna vulgaris as a host for Operophtera brumata. New Phytologist, 1998, 140, 43-53.	7.3	68
36	The effects of foliage damage on casebearing moth larvae, <i>Coleophora serratella</i>, feeding on birch. Ecological Entomology, 1986, 11, 241-250.	2.2	67

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37	Are silica defences in grasses driving vole population cycles?. Biology Letters, 2008, 4, 419-422.	2.3	67
38	Microbial impacts on plant-herbivore interactions: the indirect effects of a birch pathogen on a birch aphid. Oecologia, 2003, 134, 388-396.	2.0	66
39	The effect of monoterpene concentrations in Sitka spruce (Picea sitchensis) on the browsing behaviour of red deer (Cervus elaphus). Canadian Journal of Zoology, 1994, 72, 1715-1720.	1.0	65
40	Differential selection of baculovirus genotypes mediated by different species of host food plant. Ecology Letters, 2002, 5, 512-518.	6.4	65
41	Feeding behaviour of Red Deer (Cervus elaphus) offered Sitka Spruce saplings (Picea sitchensis) grown under different light and nutrient regimes. Functional Ecology, 1997, 11, 348-357.	3.6	64
42	Manipulation of nutrients and grazing levels on heather moorland: changes in Calluna dominance and consequences for community composition. Journal of Ecology, 2005, 93, 990-1004.	4.0	64
43	Simulated Herbivory: The Key to Disentangling Plant Defence Responses. Trends in Ecology and Evolution, 2019, 34, 447-458.	8.7	64
44	Herbivory of tropical rain forest tree seedlings correlates with future mortality. Ecology, 2010, 91, 1092-1101.	3.2	61
45	Disarmed by domestication? Induced responses to browsing in wild and cultivated olive. Oecologia, 2000, 122, 225-231.	2.0	59
46	Host plant species can influence the fitness of herbivore pathogens: the winter moth and its nucleopolyhedrovirus. Oecologia, 2002, 131, 533-541.	2.0	56
47	Elevated carbon dioxide and warming impact silicon and phenolicâ€based defences differently in native and exotic grasses. Global Change Biology, 2018, 24, 3886-3896.	9.5	55
48	Interactive effects of plant-available soil silicon and herbivory on competition between two grass species. Annals of Botany, 2011, 108, 1355-1363.	2.9	54
49	Delayed induced silica defences in grasses and their potential for destabilising herbivore population dynamics. Oecologia, 2012, 170, 445-456.	2.0	53
50	More than herbivory: levels of silicaâ€based defences in grasses vary with plant species, genotype and location. Oikos, 2013, 122, 30-41.	2.7	53
51	Silicon, endophytes and secondary metabolites as grass defenses against mammalian herbivores. Frontiers in Plant Science, 2014, 5, 478.	3.6	53
52	Indirect effects of grazing and nutrient addition on the hemipteran community of heather moorlands. Journal of Applied Ecology, 2003, 40, 793-803.	4.0	52
53	Impacts of silica-based defences in grasses on the feeding preferences of sheep. Basic and Applied Ecology, 2009, 10, 622-630.	2.7	52
54	Evidence for Active Uptake and Deposition of Si-based Defenses in Tall Fescue. Frontiers in Plant Science, 2017, 8, 1199.	3.6	52

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55	Raspberry viruses manipulate the behaviour of their insect vectors. Entomologia Experimentalis Et Applicata, 2012, 144, 56-68.	1.4	51
56	The functional ecology of plant silicon: geoscience to genes. Functional Ecology, 2016, 30, 1270-1276.	3.6	50
57	Silicon deposition on guard cells increases stomatal sensitivity as mediated by K⁺ efflux and consequently reduces stomatal conductance. Physiologia Plantarum, 2021, 171, 358-370.	5.2	50
58	New frontiers in belowground ecology for plant protection from root-feeding insects. Applied Soil Ecology, 2016, 108, 96-107.	4.3	49
59	Feeding behaviour of red deer (Cervus elaphus) on sitka spruce (Picea sitchensis): the role of carbon-nutrient balance. Forest Ecology and Management, 1996, 88, 121-129.	3.2	48
60	Host shifting by Operophtera brumata into novel environments leads to population differentiation in life-history traits. Ecological Entomology, 2003, 28, 604-612.	2.2	42
61	Mapping regional risks from climate change for rainfed rice cultivation in India. Agricultural Systems, 2017, 156, 76-84.	6.1	42
62	Plant Chemistry and Herbivory, or Why the World is Green. , 0, , 284-324.		41
63	Neighbourhood composition determines growth, architecture and herbivory in tropical rain forest tree seedlings. Journal of Ecology, 2006, 94, 646-655.	4.0	41
64	Direct and indirect competitive effects of foliage feeding guilds on the performance of the birch leaf-miner Eriocrania. Journal of Animal Ecology, 2000, 69, 165-176.	2.8	40
65	Hemiparasitic plant impacts animal and plant communities across four trophic levels. Ecology, 2015, 96, 2408-2416.	3.2	40
66	Civil disobedience movements such as School Strike for the Climate are raising public awareness of the climate change emergency. Global Change Biology, 2020, 26, 1042-1044.	9.5	40
67	Winter moth (<i>Operophtera brumata</i>(Lepidoptera: Geometridae)) outbreaks on Scottish heather moorlands: effects of host plant and parasitoids on larval survival and development. Bulletin of Entomological Research, 1996, 86, 155-164.	1.0	39
68	The geographical range structure of the holly leaf-miner. IV. Effects of variation in host-plant quality. Journal of Animal Ecology, 2004, 73, 911-924.	2.8	39
69	An insect ecosystem engineer alleviates drought stress in plants without increasing plant susceptibility to an aboveâ€ground herbivore. Functional Ecology, 2016, 30, 894-902.	3.6	39
70	Chemical composition of Calluna vulgaris (Ericaceae): Do responses to fertilizer vary with phenological stage?. Biochemical Systematics and Ecology, 1993, 21, 315-321.	1.3	38
71	The role of resources and natural enemies in determining the distribution of an insect herbivore population. Ecological Entomology, 2001, 26, 204-211.	2.2	38
72	The role of food plant and pathogen-induced behaviour in the persistence of a nucleopolyhedrovirus. Journal of Invertebrate Pathology, 2005, 88, 49-57.	3.2	38

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73	Temporal changes in plant secondary metabolite production. , 2012, , 34-55.		38
74	Sex-related growth andÂsecondary compounds inÂJuniperus oxycedrus macrocarpa. Acta Oecologica, 2006, 29, 135-140.	1.1	36
75	DRI-Grass: A New Experimental Platform for Addressing Grassland Ecosystem Responses to Future Precipitation Scenarios in South-East Australia. Frontiers in Plant Science, 2016, 7, 1373.	3.6	36
76	Assessment of the growth in social groups for sustainable agriculture and land management. Global Sustainability, 2020, 3, .	3.3	36
77	Elevated atmospheric CO₂ suppresses jasmonate and siliconâ€based defences without affecting herbivores. Functional Ecology, 2020, 34, 993-1002.	3.6	36
78	Are Gall Insects Large Rhizobia?. Oikos, 1999, 84, 333.	2.7	35
79	Escape from pupal predation as a potential cause of outbreaks of the winter moth, Operophtera brumata. Oikos, 2002, 98, 219-228.	2.7	35
80	Still armed after domestication? Impacts of domestication and agronomic selection on silicon defences in cereals. Functional Ecology, 2017, 31, 2108-2117.	3.6	35
81	Plant herbivore protection by arbuscular mycorrhizas: a role for fungal diversity?. New Phytologist, 2022, 233, 1022-1031.	7.3	35
82	Is it time to include legumes in plant silicon research?. Functional Ecology, 2020, 34, 1142-1157.	3.6	34
83	Targeted plant defense: silicon conserves hormonal defense signaling impacting chewing but not fluidâ€feeding herbivores. Ecology, 2021, 102, e03250.	3.2	34
84	Atmospheric change, plant secondary metabolites and ecological interactions. , 2012, , 120-153.		33
85	Insects as leaf engineers: can leaf-miners alter leaf structure for birch aphids?. Functional Ecology, 2002, 16, 575-584.	3.6	31
86	Impacts of silicon-based grass defences across trophic levels under both current and future atmospheric CO ₂ scenarios. Biology Letters, 2017, 13, 20160912.	2.3	31
87	Chemical and morphological variation of Mediterranean woody evergreen species: Do plants respond to ungulate browsing?. Journal of Vegetation Science, 2000, 11, 1-8.	2.2	30
88	The effect of previous browsing damage on the morphology and chemical composition of Sitka spruce (Picea sitchensis) saplings and on their subsequent susceptibility to browsing by red deer (Cervus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	29
89	Siliconâ€induced root nodulation and synthesis of essential amino acids in a legume is associated with higher herbivore abundance. Functional Ecology, 2017, 31, 1903-1909.	3.6	29
90	Population-level variation in plant secondary chemistry, and the population biology of herbivores. Chemoecology, 1996, 7, 45-56.	1.1	28

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91	The relative importance of resources and natural enemies in determining herbivore abundance: thistles, tephritids and parasitoids. Journal of Animal Ecology, 2008, 77, 1063-1071.	2.8	28
92	Patterns of spread in insect-pathogen systems: the importance of pathogen dispersal. Oikos, 2000, 89, 137-145.	2.7	27
93	Plant diversity and insect herbivores: effects of environmental change in contrasting model systems. Oikos, 2003, 101, 6-17.	2.7	27
94	The Effect of Recycling on Plant Competitive Hierarchies. American Naturalist, 2005, 165, 609-622.	2.1	26
95	Round and round in cycles? Siliconâ€based plant defences and vole population dynamics. Functional Ecology, 2015, 29, 151-153.	3.6	25
96	Silicon application and plant growth promoting rhizobacteria consisting of six pure Bacillus species alleviate salinity stress in cucumber (Cucumis sativus L). Scientia Horticulturae, 2021, 288, 110383.	3.6	25
97	The inhibition of phenolic biosynthesis in damaged and undamaged birch foliage and its effect on insect herbivores. Oecologia, 1988, 76, 65-70.	2.0	24
98	Clonal variation in monoterpene concentrations in Sitka spruce (Picea sitchensis) saplings and its effect on their susceptibility to browsing damage by red deer (Cervus elaphus). Forest Ecology and Management, 2001, 148, 259-269.	3.2	24
99	Effects of Elevated CO2 on Litter Chemistry and Subsequent Invertebrate Detritivore Feeding Responses. PLoS ONE, 2014, 9, e86246.	2.5	24
100	A Zoospore Inoculation Method with <i>Phytophthora sojae</i> to Assess the Prophylactic Role of Silicon on Soybean Cultivars. Plant Disease, 2014, 98, 1632-1638.	1.4	24
101	Benefits from Below: Silicon Supplementation Maintains Legume Productivity under Predicted Climate Change Scenarios. Frontiers in Plant Science, 2018, 9, 202.	3.6	24
102	Plant silicon effects on insect feeding dynamics are influenced by plant nitrogen availability. Entomologia Experimentalis Et Applicata, 2019, 167, 91-97.	1.4	24
103	Explaining Leaf Herbivory Rates on Tree Seedlings in a Malaysian Rain Forest. Biotropica, 2007, 39, 416-421.	1.6	23
104	Hedgerow rejuvenation management affects invertebrate communities through changes to habitat structure. Basic and Applied Ecology, 2015, 16, 443-451.	2.7	23
105	Fine-scale discrimination of forage quality by sheep offered a soyabean meal or barley supplement while grazing a nitrogen-fertilized heather (<i>Calluna vulgaris</i>) mosaic. Journal of Agricultural Science, 1994, 123, 363-370.	1.3	22
106	The response of <i>Philaenus spumarius</i> (Homoptera: Cercopidae) to fertilizing and shading its moorland hostâ€plant (<i>Calluna vulgaris</i>). Ecological Entomology, 1995, 20, 396-399.	2.2	22
107	Shortâ€term resistance that persists: Rapidly induced silicon antiâ€herbivore defence affects carbonâ€based plant defences. Functional Ecology, 2021, 35, 82-92.	3.6	22
108	The effect of multiple host species on a keystone parasitic plant and its aphid herbivores. Functional Ecology, 2014, 28, 829-836.	3.6	21

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109	Impact of predicted precipitation scenarios on multitrophic interactions. Functional Ecology, 2017, 31, 1647-1658.	3.6	21
110	The Effect of Silicon on Osmotic and Drought Stress Tolerance in Wheat Landraces. Plants, 2021, 10, 814.	3.5	21
111	Both bottomâ€up and topâ€down processes contribute to plant diversity maintenance in an edaphically heterogeneous ecosystem. Journal of Ecology, 2010, 98, 498-508.	4.0	20
112	The effects of grazing and nutrient inputs on grass-heather competition. Botanical Journal of Scotland, 1997, 49, 315-324.	0.3	19
113	Climate warming experiments: are tents a potential barrier to interpretation?. Ecological Entomology, 2000, 25, 367-370.	2.2	19
114	Aphids can acquire the nitrogen delivered to plants by arbuscular mycorrhizal fungi. Functional Ecology, 2019, 33, 576-586.	3.6	19
115	Elevated Atmospheric CO2 Triggers Compensatory Feeding by Root Herbivores on a C3 but Not a C4 Grass. PLoS ONE, 2014, 9, e90251.	2.5	19
116	A Plant-Feeding Nematode Indirectly Increases the Fitness of an Aphid. Frontiers in Plant Science, 2017, 8, 1897.	3.6	18
117	Influence of host plant heterogeneity on the distribution of a birch aphid. Ecological Entomology, 2003, 28, 533-541.	2.2	17
118	Seedling species determines rates of leaf herbivory in a Malaysian rain forest. Journal of Tropical Ecology, 2006, 22, 513-519.	1.1	17
119	Climate change and trophic interactions in model temporary pond systems: the effects of high temperature on predation rate depend on prey size and density. Freshwater Biology, 2013, 58, 2481-2493.	2.4	17
120	Aphids Influence Soil Fungal Communities in Conventional Agricultural Systems. Frontiers in Plant Science, 2019, 10, 895.	3.6	17
121	Leaf Colour as a Signal of Chemical Defence to Insect Herbivores in Wild Cabbage (Brassica oleracea). PLoS ONE, 2015, 10, e0136884.	2.5	17
122	Upland plant communities â€" sensitivity to change. Catena, 2001, 42, 333-343.	5.0	16
123	The indirect effect of above-ground herbivory on collembola populations is not mediated by changes in soil water content. Applied Soil Ecology, 2007, 36, 92-99.	4.3	15
124	Collembola respond to aphid herbivory but not to honeydew addition. Ecological Entomology, 2009, 34, 588-594.	2.2	15
125	Effects of cultivar and egg density on a colonizing vine weevil (Otiorhynchus sulcatus) population and its impacts on red raspberry growth and yield. Crop Protection, 2012, 32, 76-82.	2.1	15
126	High silicon concentrations in grasses are linked to environmental conditions and not associated with C₄ photosynthesis. Global Change Biology, 2020, 26, 7128-7143.	9.5	15

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127	Long- and short-term induction of defences in seedlings of Shorea leprosula (Dipterocarpaceae): support for the carbon:nutrient balance hypothesis. Journal of Tropical Ecology, 2005, 21, 195-201.	1.1	14
128	Constant Isothiocyanate-Release Potentials across Biofumigant Seeding Rates. Journal of Agricultural and Food Chemistry, 2018, 66, 5108-5116.	5.2	14
129	Effects of scale on detecting interactions between Coleophora and Eriocrania leaf-miners. Ecological Entomology, 1994, 19, 257-262.	2.2	13
130	Behavioural responses of the leaf-chewing guild to the presence of Eriocrania mines on silver birch (Betula pendula). Ecological Entomology, 1999, 24, 156-162.	2.2	13
131	Genotypic differences in shoot silicon concentration and the impact on grain arsenic concentration in rice. Journal of Plant Nutrition and Soil Science, 2019, 182, 265-276.	1.9	13
132	Silicon Defence in Plants: Does Herbivore Identity Matter?. Trends in Plant Science, 2021, 26, 99-101.	8.8	13
133	The Ability of Silicon Fertilisation to Alleviate Salinity Stress in Rice is Critically Dependent on Cultivar. Rice, 2022, 15, 8.	4.0	13
134	Associational resistance through intercropping reduces yield losses to soilâ€borne pests and diseases. New Phytologist, 2022, 235, 2393-2405.	7.3	13
135	The soil microbial community and plant foliar defences against insects. , 2012, , 170-189.		12
136	Shortâ€term exposure to silicon rapidly enhances plant resistance to herbivory. Ecology, 2021, 102, e03438.	3.2	12
137	Oviposition and feeding behaviour by the vine weevil <i>Otiorhynchus sulcatus</i> on red raspberry: effects of cultivars and plant nutritional status. Agricultural and Forest Entomology, 2012, 14, 157-163.	1.3	11
138	Populationâ€level manipulations of field vole densities induce subsequent changes in plant quality but no impacts on vole demography. Ecology and Evolution, 2018, 8, 7752-7762.	1.9	11
139	Plant silicon application alters leaf alkaloid concentrations and impacts parasitoids more adversely than their aphid hosts. Oecologia, 2021, 196, 145-154.	2.0	11
140	Silicon enrichment alters functional traits in legumes depending on plant genotype and symbiosis with nitrogenâ€fixing bacteria. Functional Ecology, 2021, 35, 2856-2869.	3.6	11
141	Concepts for General Surveillance of Genetically Modified (GM) Plants: The EFSA position. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2006, 1, 15-20.	1.4	9
142	Responses of insect herbivores to sharing a host plant with a hemiparasite: impacts on preference and performance differ with feeding guild. Ecological Entomology, 2011, 36, 596-604.	2.2	9
143	Investigating preference-performance relationships in aboveground-belowground life cycles: a laboratory and field study with the vine weevil (<i>Otiorhynchus sulcatus</i>). Bulletin of Entomological Research, 2012, 102, 63-70.	1.0	9
144	The integrative roles of plant secondary metabolites in natural systems. , 2012, , 1-9.		9

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145	Making Brexit work for the environment and livelihoods: Delivering a stakeholder informed vision for agriculture and fisheries. People and Nature, 2019, 1, 442-456.	3.7	9
146	Uptake of silicon in barley under contrasting drought regimes. Plant and Soil, 2022, 477, 69-81.	3.7	9
147	Food-plant effects on larval performance do not translate into differences in fitness between populations of Panolis flammea (Lepidoptera: Noctuidae). Bulletin of Entomological Research, 2003, 93, 553-559.	1.0	8
148	Physiological acclimation of a grass species occurs during sustained but not repeated drought events. Environmental and Experimental Botany, 2020, 171, 103954.	4.2	8
149	Agrivoltaics in East Africa: Opportunities and challenges. AIP Conference Proceedings, 2021, , .	0.4	8
150	Leaf silicification provides herbivore defence regardless of the extensive impacts of water stress. Functional Ecology, 2021, 35, 1200-1211.	3.6	8
151	The herbivoreâ€™s prescription. , 2012, , 78-100.		7
152	Interactions between silicon and alkaloid defences in endophyteâ€infected grasses and the consequences for a folivore. Functional Ecology, 2022, 36, 249-261.	3.6	7
153	Benefits of silicon-enhanced root nodulation in a model legume are contingent upon rhizobial efficacy. Plant and Soil, 2022, 477, 201-217.	3.7	7
154	Insect herbivore mortality is increased by competition with a hemiparasitic plant. Functional Ecology, 2010, 24, 1228-1233.	3.6	6
155	Plant traits of grass and legume species for flood resilience and N₂O mitigation. Functional Ecology, 2021, 35, 2205-2218.	3.6	6
156	Elevated atmospheric CO₂changes defence allocation in wheat but herbivore resistance persists. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212536.	2.6	6
157	Host-mediated effects of feeding by winter moth on the survival of Euceraphis betulae. Ecological Entomology, 2002, 27, 626-630.	2.2	5
158	Plant secondary metabolites and the interactions between plants and other organisms. , 2012, , 204-225.		5
159	Dryland management regimes alter forest habitats and understory arthropod communities. Annals of Applied Biology, 2018, 172, 282-294.	2.5	5
160	Valuing beyond economics: A pluralistic evaluation framework for participatory policymaking. Ecological Economics, 2022, 196, 107420.	5.7	5
161	Going with the flow: plant vascular systems mediate indirect interactions between plants, insect herbivores, and hemi-parasitic plants. , 2007, , 51-74.		4
162	Small mammalian herbivore determines vegetation response to patchy nutrient inputs. Oikos, 2007, 116, 1186-1192.	2.7	4

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163	First EFSA experiences with monitoring plans. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2007, 2, 33-36.	1.4	3
164	The Influence of Soil Type on Rain Forest Insect Herbivore Communities. Biotropica, 2008, 40, 707-713.	1.6	3
165	Impacts of climate change on trophic interactions in grasslands. , 2019, , 188-202.		3
166	Impact of osmotic stress on the growth and root architecture of introgression lines derived from a wild ancestor of rice and a modern cultivar. Plant-Environment Interactions, 2020, 1, 122-133.	1.5	2
167	Build two-way rapport for better policymaking. Nature, 2018, 556, 174-174.	27.8	1
168	Microbes in Helicoverpa armigera oral secretions contribute to increased senescence around plant wounds. Ecological Entomology, 2020, 45, 1224-1229.	2.2	0