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	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
2	Plant herbivore protection by arbuscular mycorrhizas: a role for fungal diversity?. New Phytologist, 2022, 233, 1022-1031.	7.3	35
3	The Ability of Silicon Fertilisation to Alleviate Salinity Stress in Rice is Critically Dependent on Cultivar. Rice, 2022, 15, 8.	4.0	13
4	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
5	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
6	Uptake of silicon in barley under contrasting drought regimes. Plant and Soil, 2022, 477, 69-81.	3.7	9
7	Valuing beyond economics: A pluralistic evaluation framework for participatory policymaking. Ecological Economics, 2022, 196, 107420.	5.7	5
8	Associational resistance through intercropping reduces yield losses to soilâ€borne pests and diseases. New Phytologist, 2022, 235, 2393-2405.	7.3	13
9	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
10	Silicon Defence in Plants: Does Herbivore Identity Matter?. Trends in Plant Science, 2021, 26, 99-101.	8.8	13
11	Targeted plant defense: silicon conserves hormonal defense signaling impacting chewing but not fluidâ€feeding herbivores. Ecology, 2021, 102, e03250.	3.2	34
12	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
13	Agrivoltaics in East Africa: Opportunities and challenges. AIP Conference Proceedings, 2021, , .	0.4	8
14	Leaf silicification provides herbivore defence regardless of the extensive impacts of water stress. Functional Ecology, 2021, 35, 1200-1211.	3.6	8
15	The Effect of Silicon on Osmotic and Drought Stress Tolerance in Wheat Landraces. Plants, 2021, 10, 814.	3.5	21
16	Plant silicon application alters leaf alkaloid concentrations and impacts parasitoids more adversely than their aphid hosts. Oecologia, 2021, 196, 145-154.	2.0	11
17	Shortâ€term exposure to silicon rapidly enhances plant resistance to herbivory. Ecology, 2021, 102, e03438.	3.2	12
18	Plant traits of grass and legume species for flood resilience and N₂O mitigation. Functional Ecology, 2021, 35, 2205-2218.	3.6	6

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19	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
20	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
21	Physiological acclimation of a grass species occurs during sustained but not repeated drought events. Environmental and Experimental Botany, 2020, 171, 103954.	4.2	8
22	Assessment of the growth in social groups for sustainable agriculture and land management. Global Sustainability, 2020, 3, .	3.3	36
23	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
24	Is Silicon a Panacea for Alleviating Drought and Salt Stress in Crops?. Frontiers in Plant Science, 2020, 11, 1221.	3.6	102
25	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
26	Microbes in Helicoverpa armigera oral secretions contribute to increased senescence around plant wounds. Ecological Entomology, 2020, 45, 1224-1229.	2.2	0
27	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
28	Elevated atmospheric CO₂ suppresses jasmonate and siliconâ€based defences without affecting herbivores. Functional Ecology, 2020, 34, 993-1002.	3.6	36
29	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
30	Is it time to include legumes in plant silicon research?. Functional Ecology, 2020, 34, 1142-1157.	3.6	34
31	Aphids Influence Soil Fungal Communities in Conventional Agricultural Systems. Frontiers in Plant Science, 2019, 10, 895.	3.6	17
32	The Role of Silicon in Antiherbivore Phytohormonal Signalling. Frontiers in Plant Science, 2019, 10, 1132.	3.6	75
33	â€œInsectageddonâ€ A call for more robust data and rigorous analyses. Global Change Biology, 2019, 25, 1891-1892.	9.5	163
34	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
35	Simulated Herbivory: The Key to Disentangling Plant Defence Responses. Trends in Ecology and Evolution, 2019, 34, 447-458.	8.7	64
36	Plant silicon effects on insect feeding dynamics are influenced by plant nitrogen availability. Entomologia Experimentalis Et Applicata, 2019, 167, 91-97.	1.4	24

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37	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
38	Impacts of climate change on trophic interactions in grasslands. , 2019, , 188-202.		3
39	Aphids can acquire the nitrogen delivered to plants by arbuscular mycorrhizal fungi. Functional Ecology, 2019, 33, 576-586.	3.6	19
40	Dryland management regimes alter forest habitats and understory arthropod communities. Annals of Applied Biology, 2018, 172, 282-294.	2.5	5
41	Constant Isothiocyanate-Release Potentials across Biofumigant Seeding Rates. Journal of Agricultural and Food Chemistry, 2018, 66, 5108-5116.	5.2	14
42	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
43	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
44	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
45	Benefits from Below: Silicon Supplementation Maintains Legume Productivity under Predicted Climate Change Scenarios. Frontiers in Plant Science, 2018, 9, 202.	3.6	24
46	Global assessment of agricultural system redesign for sustainable intensification. Nature Sustainability, 2018, 1, 441-446.	23.7	416
47	Build two-way rapport for better policymaking. Nature, 2018, 556, 174-174.	27.8	1
48	Impact of predicted precipitation scenarios on multitrophic interactions. Functional Ecology, 2017, 31, 1647-1658.	3.6	21
49	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
50	Mapping regional risks from climate change for rainfed rice cultivation in India. Agricultural Systems, 2017, 156, 76-84.	6.1	42
51	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
52	Still armed after domestication? Impacts of domestication and agronomic selection on silicon defences in cereals. Functional Ecology, 2017, 31, 2108-2117.	3.6	35
53	Evidence for Active Uptake and Deposition of Si-based Defenses in Tall Fescue. Frontiers in Plant Science, 2017, 8, 1199.	3.6	52
54	A Plant-Feeding Nematode Indirectly Increases the Fitness of an Aphid. Frontiers in Plant Science, 2017, 8, 1897.	3.6	18

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55	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
56	The ecology of herbivoreâ€induced silicon defences in grasses. Functional Ecology, 2016, 30, 1311-1322.	3.6	126
57	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
58	Roots under attack: contrasting plant responses to belowâ€and aboveground insect herbivory. New Phytologist, 2016, 210, 413-418.	7.3	109
59	The functional ecology of plant silicon: geoscience to genes. Functional Ecology, 2016, 30, 1270-1276.	3.6	50
60	New frontiers in belowground ecology for plant protection from root-feeding insects. Applied Soil Ecology, 2016, 108, 96-107.	4.3	49
61	Round and round in cycles? Siliconâ€based plant defences and vole population dynamics. Functional Ecology, 2015, 29, 151-153.	3.6	25
62	Hemiparasitic plant impacts animal and plant communities across four trophic levels. Ecology, 2015, 96, 2408-2416.	3.2	40
63	Hedgerow rejuvenation management affects invertebrate communities through changes to habitat structure. Basic and Applied Ecology, 2015, 16, 443-451.	2.7	23
64	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
65	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
66	Leaf Colour as a Signal of Chemical Defence to Insect Herbivores in Wild Cabbage (Brassica oleracea). PLoS ONE, 2015, 10, e0136884.	2.5	17
67	Effects of Elevated CO2 on Litter Chemistry and Subsequent Invertebrate Detritivore Feeding Responses. PLoS ONE, 2014, 9, e86246.	2.5	24
68	Silicon, endophytes and secondary metabolites as grass defenses against mammalian herbivores. Frontiers in Plant Science, 2014, 5, 478.	3.6	53
69	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
70	The effect of multiple host species on a keystone parasitic plant and its aphid herbivores. Functional Ecology, 2014, 28, 829-836.	3.6	21
71	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
72	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

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73	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
74	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
75	The integrative roles of plant secondary metabolites in natural systems. , 2012, , 1-9.		9
76	Temporal changes in plant secondary metabolite production. , 2012, , 34-55.		38
77	Plant secondary metabolites and the interactions between plants and other organisms. , 2012, , 204-225.		5
78	Atmospheric change, plant secondary metabolites and ecological interactions. , 2012, , 120-153.		33
79	Abovegroundâ€“belowground herbivore interactions: a metaâ€analysis. Ecology, 2012, 93, 2208-2215.	3.2	148
80	Delayed induced silica defences in grasses and their potential for destabilising herbivore population dynamics. Oecologia, 2012, 170, 445-456.	2.0	53
81	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
82	The herbivoreâ€™s prescription. , 2012, , 78-100.		7
83	The soil microbial community and plant foliar defences against insects. , 2012, , 170-189.		12
84	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
85	Raspberry viruses manipulate the behaviour of their insect vectors. Entomologia Experimentalis Et Applicata, 2012, 144, 56-68.	1.4	51
86	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
87	A Collaboratively-Derived Science-Policy Research Agenda. PLoS ONE, 2012, 7, e31824.	2.5	87
88	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
89	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
90	Plantâ€mediated effects of soil invertebrates and summer drought on aboveâ€ground multitrophic interactions. Journal of Ecology, 2011, 99, 57-65.	4.0	94

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91	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
92	Herbivory of tropical rain forest tree seedlings correlates with future mortality. Ecology, 2010, 91, 1092-1101.	3.2	61
93	Insect herbivore mortality is increased by competition with a hemiparasitic plant. Functional Ecology, 2010, 24, 1228-1233.	3.6	6
94	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
95	Impacts of silica-based defences in grasses on the feeding preferences of sheep. Basic and Applied Ecology, 2009, 10, 622-630.	2.7	52
96	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
97	Collembola respond to aphid herbivory but not to honeydew addition. Ecological Entomology, 2009, 34, 588-594.	2.2	15
98	Impacts of Plant Symbiotic Fungi on Insect Herbivores: Mutualism in a Multitrophic Context. Annual Review of Entomology, 2009, 54, 323-342.	11.8	388
99	The Influence of Soil Type on Rain Forest Insect Herbivore Communities. Biotropica, 2008, 40, 707-713.	1.6	3
100	Assessment of risk of insect-resistant transgenic crops to nontarget arthropods. Nature Biotechnology, 2008, 26, 203-208.	17.5	436
101	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
102	Are silica defences in grasses driving vole population cycles?. Biology Letters, 2008, 4, 419-422.	2.3	67
103	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
104	Going with the flow: plant vascular systems mediate indirect interactions between plants, insect herbivores, and hemi-parasitic plants. , 2007, , 51-74.		4
105	Small mammalian herbivore determines vegetation response to patchy nutrient inputs. Oikos, 2007, 116, 1186-1192.	2.7	4
106	Grasses and the resource availability hypothesis: the importance of silica-based defences. Journal of Ecology, 2007, 95, 414-424.	4.0	138
107	Explaining Leaf Herbivory Rates on Tree Seedlings in a Malaysian Rain Forest. Biotropica, 2007, 39, 416-421.	1.6	23
108	First EFSA experiences with monitoring plans. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2007, 2, 33-36.	1.4	3

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109	Herbivore specific induction of silica-based plant defences. Oecologia, 2007, 152, 677-683.	2.0	158
110	Sex-related growth andÂsecondary compounds inÂJuniperus oxycedrus macrocarpa. Acta Oecologica, 2006, 29, 135-140.	1.1	36
111	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
112	Neighbourhood composition determines growth, architecture and herbivory in tropical rain forest tree seedlings. Journal of Ecology, 2006, 94, 646-655.	4.0	41
113	Concepts for General Surveillance of Genetically Modified (GM) Plants: The EFSA position. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2006, 1, 15-20.	1.4	9
114	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
115	Seedling species determines rates of leaf herbivory in a Malaysian rain forest. Journal of Tropical Ecology, 2006, 22, 513-519.	1.1	17
116	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
117	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
118	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
119	The Effect of Recycling on Plant Competitive Hierarchies. American Naturalist, 2005, 165, 609-622.	2.1	26
120	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
121	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
122	Plant diversity and insect herbivores: effects of environmental change in contrasting model systems. Oikos, 2003, 101, 6-17.	2.7	27
123	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
124	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
125	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
126	Influence of host plant heterogeneity on the distribution of a birch aphid. Ecological Entomology, 2003, 28, 533-541.	2.2	17

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127	THE PERILS OF HAVING TASTY NEIGHBORS: GRAZING IMPACTS OF LARGE HERBIVORES AT VEGETATION BOUNDARIES. Ecology, 2003, 84, 2877-2890.	3.2	98
128	Host-mediated effects of feeding by winter moth on the survival of Euceraphis betulae. Ecological Entomology, 2002, 27, 626-630.	2.2	5
129	Host plant species can influence the fitness of herbivore pathogens: the winter moth and its nucleopolyhedrovirus. Oecologia, 2002, 131, 533-541.	2.0	56
130	Escape from pupal predation as a potential cause of outbreaks of the winter moth, Operophtera brumata. Oikos, 2002, 98, 219-228.	2.7	35
131	Insects as leaf engineers: can leaf-miners alter leaf structure for birch aphids?. Functional Ecology, 2002, 16, 575-584.	3.6	31
132	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
133	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
134	Differential selection of baculovirus genotypes mediated by different species of host food plant. Ecology Letters, 2002, 5, 512-518.	6.4	65
135	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
136	Upland plant communities â€" sensitivity to change. Catena, 2001, 42, 333-343.	5.0	16
137	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
138	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
139	Biosynthesis of plant phenolic compounds in elevated atmospheric CO2. Global Change Biology, 2000, 6, 497-506.	9.5	112
140	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
141	Patterns of spread in insect-pathogen systems: the importance of pathogen dispersal. Oikos, 2000, 89, 137-145.	2.7	27
142	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
143	Disarmed by domestication? Induced responses to browsing in wild and cultivated olive. Oecologia, 2000, 122, 225-231.	2.0	59
144	Climate warming experiments: are tents a potential barrier to interpretation?. Ecological Entomology, 2000, 25, 367-370.	2.2	19

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145	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
146	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
147	Are Gall Insects Large Rhizobia?. Oikos, 1999, 84, 333.	2.7	35
148	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
149	A Protein Competition Model of Phenolic Allocation. Oikos, 1999, 86, 27.	2.7	343
150	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
151	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
152	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
153	Impacts of Rising Atmospheric Carbon Dioxide on Model Terrestrial Ecosystems. Science, 1998, 280, 441-443.	12.6	212
154	The effects of grazing and nutrient inputs on grass-heather competition. Botanical Journal of Scotland, 1997, 49, 315-324.	0.3	19
155	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
156	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
157	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
158	Population-level variation in plant secondary chemistry, and the population biology of herbivores. Chemoecology, 1996, 7, 45-56.	1.1	28
159	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
160	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
161	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
162	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

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163	Effects of scale on detecting interactions between Coleophora and Eriocrania leaf-miners. Ecological Entomology, 1994, 19, 257-262.	2.2	13
164	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
165	Phenolic biosynthesis, leaf damage, and insect herbivory in birch (Betula pendula). Journal of Chemical Ecology, 1989, 15, 275-283.	1.8	70
166	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
167	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
168	Plant Chemistry and Herbivory, or Why the World is Green. , 0, , 284-324.		41