

# Robin J Pakeman

## List of Publications by Year in descending order

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Version: 2024-02-01

183  
papers

9,318  
citations

50276

46  
h-index

49909

87  
g-index

191  
all docs

191  
docs citations

191  
times ranked

11989  
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
2	Improving intercropping: a synthesis of research in agronomy, plant physiology and ecology. <i>New Phytologist</i> , 2015, 206, 107-117.	7.3	805
3	Assessing the Effects of Land-use Change on Plant Traits, Communities and Ecosystem Functioning in Grasslands: A Standardized Methodology and Lessons from an Application to 11 European Sites. <i>Annals of Botany</i> , 2007, 99, 967-985.	2.9	453
4	Impacts of the coronavirus pandemic on biodiversity conservation. <i>Biological Conservation</i> , 2020, 246, 108571.	4.1	264
5	Leaf traits capture the effects of land use changes and climate on litter decomposability of grasslands across Europe. <i>Ecology</i> , 2009, 90, 598-611.	3.2	243
6	Assessing species and community functional responses to environmental gradients: which multivariate methods?. <i>Journal of Vegetation Science</i> , 2012, 23, 805-821.	2.2	228
7	A novel framework for linking functional diversity of plants with other trophic levels for the quantification of ecosystem services. <i>Journal of Vegetation Science</i> , 2013, 24, 942-948.	2.2	209
8	Ecological correlates of endozoochory by herbivores. <i>Functional Ecology</i> , 2002, 16, 296-304.	3.6	201
9	Consistency of plant species and trait responses to grazing along a productivity gradient: a multi-site analysis. <i>Journal of Ecology</i> , 2004, 92, 893-905.	4.0	201
10	Sampling plant functional traits: What proportion of the species need to be measured?. <i>Applied Vegetation Science</i> , 2007, 10, 91-96.	1.9	193
11	Bracken Distribution in Great Britain: Strategies for its Control and the Sustainable Management of Marginal Land. <i>Annals of Botany</i> , 2000, 85, 37-46.	2.9	178
12	Functional diversity indices reveal the impacts of land use intensification on plant community assembly. <i>Journal of Ecology</i> , 2011, 99, 1143-1151.	4.0	156
13	Seed dispersal by ungulates as an ecological filter: a trait-based meta-analysis. <i>Oikos</i> , 2015, 124, 1109-1120.	2.7	130
14	The effects of livestock grazing on foliar arthropods associated with bird diet in upland grasslands of Scotland. <i>Journal of Applied Ecology</i> , 2008, 45, 279-287.	4.0	121
15	Synchrony matters more than species richness in plant community stability at a global scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24345-24351.	7.1	113
16	Plant functional connectivity – integrating landscape structure and effective dispersal. <i>Journal of Ecology</i> , 2017, 105, 1648-1656.	4.0	110
17	Women and Global South strikingly underrepresented among top-publishing ecologists. <i>Conservation Letters</i> , 2021, 14, e12797.	5.7	105
18	Functional trait metrics are sensitive to the completeness of the species' trait data?. <i>Methods in Ecology and Evolution</i> , 2014, 5, 9-15.	5.2	98

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19	Facilitation and sustainable agriculture: a mechanistic approach to reconciling crop production and conservation. <i>Functional Ecology</i> , 2016, 30, 98-107.	3.6	97
20	The conservation value of bracken <i>Pteridium aquilinum</i> (L.) Kuhn-dominated communities in the UK, and an assessment of the ecological impact of bracken expansion or its removal. <i>Biological Conservation</i> , 1992, 62, 101-114.	4.1	94
21	Impact of abundance weighting on the response of seed traits to climate and land use. <i>Journal of Ecology</i> , 2008, 96, 355-366.	4.0	92
22	The Ecology of Bracken: Its Role in Succession and Implications for Control. <i>Annals of Botany</i> , 2000, 85, 3-15.	2.9	90
23	Does chemical composition of individual Scots pine trees determine the biodiversity of their associated ground vegetation?. <i>Ecology Letters</i> , 2005, 8, 364-369.	6.4	90
24	The role of the seed bank, seed rain and the timing of disturbance in gap regeneration. <i>Journal of Vegetation Science</i> , 2005, 16, 121-130.	2.2	86
25	Multivariate identification of plant functional response and effect traits in an agricultural landscape. <i>Ecology</i> , 2011, 92, 1353-1365.	3.2	85
26	Relative climatic, edaphic and management controls of plant functional trait signatures. <i>Journal of Vegetation Science</i> , 2009, 20, 148-159.	2.2	84
27	Patterns of bird functional diversity on land-bridge island fragments. <i>Journal of Animal Ecology</i> , 2013, 82, 781-790.	2.8	79
28	Are richness patterns of common and rare species equally well explained by environmental variables?. <i>Ecography</i> , 2011, 34, 529-539.	4.5	75
29	Grazing of lowland heath in England: Management methods and their effects on heathland vegetation. <i>Biological Conservation</i> , 1997, 79, 1-13.	4.1	73
30	Root traits predict decomposition across a landscape-scale grazing experiment. <i>New Phytologist</i> , 2014, 203, 851-862.	7.3	73
31	The cascading impacts of livestock grazing in upland ecosystems: a 10-year experiment. <i>Ecosphere</i> , 2015, 6, 1-15.	2.2	72
32	Low intensity, mixed livestock grazing improves the breeding abundance of a common insectivorous passerine. <i>Biology Letters</i> , 2006, 2, 636-638.	2.3	71
33	Intraspecific genetic diversity and composition modify species-level diversity-productivity relationships. <i>New Phytologist</i> , 2015, 205, 720-730.	7.3	71
34	Rehabilitation of degraded dry heather [ <i>Calluna vulgaris</i> (L.) Hull] moorland by controlled sheep grazing. <i>Biological Conservation</i> , 2003, 114, 389-400.	4.1	70
35	Between migration load and evolutionary rescue: dispersal, adaptation and the response of spatially structured populations to environmental change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132795.	2.6	65
36	The effects of controlled sheep grazing on the dynamics of upland <i>Agrostis-Festuca</i> grassland. <i>Journal of Applied Ecology</i> , 1999, 36, 886-900.	4.0	64

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37	Sources of plants colonizing experimentally disturbed patches in an acidic grassland, in eastern England. <i>Journal of Ecology</i> , 1998, 86, 1032-1041.	4.0	63
38	Edaphic factors influence the longevity of seeds in the soil. <i>Plant Ecology</i> , 2012, 213, 57-65.	1.6	61
39	Facilitation and biodiversityâ€™ecosystem function relationships in crop production systems and their role in sustainable farming. <i>Journal of Ecology</i> , 2021, 109, 2054-2067.	4.0	58
40	Field work ethics in biological research. <i>Biological Conservation</i> , 2016, 203, 268-271.	4.1	56
41	Drivers of carabid functional diversity: abiotic environment, plant functional traits, or plant functional diversity?. <i>Ecology</i> , 2014, 95, 1213-1224.	3.2	55
42	Long-term impacts of extensive grazing and abandonment on the species composition, richness, diversity and productivity of agricultural grassland. <i>Agriculture, Ecosystems and Environment</i> , 2009, 134, 190-200.	5.3	54
43	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. <i>Ecology and Evolution</i> , 2014, 4, 2799-2811.	1.9	53
44	Changes in the rhizome system of bracken subjected to long-term experimental treatment. <i>Journal of Applied Ecology</i> , 2003, 40, 508-522.	4.0	48
45	Trait assembly in plant assemblages and its modulation by productivity and disturbance. <i>Oecologia</i> , 2011, 167, 209-218.	2.0	48
46	Impacts of climate, management and nitrogen deposition on the dynamics of lowland heathland. <i>Journal of Vegetation Science</i> , 2001, 12, 797-806.	2.2	45
47	The potential for lowland heath regeneration following plantation removal. <i>Biological Conservation</i> , 2002, 108, 247-258.	4.1	45
48	Leaf dry matter content as a predictor of grassland litter decomposition: a test of the â€™mass ratio hypothesisâ€™. <i>Plant and Soil</i> , 2011, 342, 49-57.	3.7	45
49	Species composition of coastal dune vegetation in Scotland has proved resistant to climate change over a third of a century. <i>Global Change Biology</i> , 2015, 21, 3738-3747.	9.5	45
50	Rehabilitation of degraded <i>Calluna vulgaris</i> (L.) Hull-dominated wet heath by controlled sheep grazing. <i>Biological Conservation</i> , 2002, 107, 351-363.	4.1	44
51	Buffering effects of soil seed banks on plant community composition in response to land use and climate. <i>Global Ecology and Biogeography</i> , 2021, 30, 128-139.	5.8	41
52	Title is missing!. <i>Plant Ecology</i> , 2003, 166, 93-105.	1.6	40
53	Control of <i>Pteridium aquilinum</i> : Meta-analysis of a Multi-site Study in the UK. <i>Annals of Botany</i> , 2008, 101, 957-970.	2.9	40
54	Overcoming resistance and resilience of an invaded community is necessary for effective restoration: a multi-site bracken control study. <i>Journal of Applied Ecology</i> , 2013, 50, 156-167.	4.0	40

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55	A Model of Bracken ( <i>Pteridium aquilinum</i> ) Growth and the Effects of Control Strategies and Changing Climate. <i>Journal of Applied Ecology</i> , 1994, 31, 145.	4.0	39
56	Geostatistics, spatial rate of change analysis and boundary detection in plant ecology and biogeography. <i>Progress in Physical Geography</i> , 2006, 30, 201-231.	3.2	39
57	The bracken problem in Great Britain: Its present extent and future changes. <i>Applied Geography</i> , 1996, 16, 65-86.	3.7	37
58	Potential climatic control of seedbank density. <i>Seed Science Research</i> , 1999, 9, 101-110.	1.7	37
59	Modelling the Effects of Climate Change on the Growth of Bracken ( <i>Pteridium aquilinum</i> ) in Britain. <i>Journal of Applied Ecology</i> , 1996, 33, 561.	4.0	36
60	Comparison of techniques to increase <i>Calluna vulgaris</i> cover on heathland invaded by grasses in Breckland, south east England. <i>Biological Conservation</i> , 2000, 95, 227-232.	4.1	36
61	Species spread and persistence: implications for experimental design and habitat re-creation. <i>Applied Vegetation Science</i> , 2002, 5, 75-86.	1.9	36
62	Possible interactions between environmental factors in determining species optima. <i>Journal of Vegetation Science</i> , 2008, 19, 201-208.	2.2	36
63	Effects of the litter layer of <i>Pteridium aquilinum</i> on seed banks under experimental restoration. <i>Applied Vegetation Science</i> , 2006, 9, 127.	1.9	35
64	Active and adaptive plasticity in a changing climate. <i>Trends in Plant Science</i> , 2022, 27, 717-728.	8.8	35
65	The effects of tropospheric ozone on the species dynamics of calcareous grassland. <i>Environmental Pollution</i> , 2006, 144, 500-509.	7.5	34
66	High-nature-value grasslands have the capacity to cope with nutrient impoverishment induced by mowing and livestock grazing. <i>Journal of Applied Ecology</i> , 2015, 52, 1073-1081.	4.0	34
67	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. <i>Journal of Vegetation Science</i> , 2021, 32, e13050.	2.2	34
68	The Variable Responses of Bracken Fronds to Control Treatments in Great Britain. <i>Annals of Botany</i> , 2000, 85, 17-29.	2.9	33
69	Forty years of change in Scottish grassland vegetation: Increased richness, decreased diversity and increased dominance. <i>Biological Conservation</i> , 2017, 212, 327-336.	4.1	33
70	Global patterns of potential future plant diversity hidden in soil seed banks. <i>Nature Communications</i> , 2021, 12, 7023.	12.8	32
71	Calcium plus magnesium indicates digestibility: the significance of the second major axis of plant chemical variation for ecological processes. <i>Ecology Letters</i> , 2018, 21, 885-895.	6.4	31
72	Long-term impacts of changed grazing regimes on the vegetation of heterogeneous upland grasslands. <i>Journal of Applied Ecology</i> , 2019, 56, 1794-1805.	4.0	29

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73	A global database for metacommunity ecology, integrating species, traits, environment and space. <i>Scientific Data</i> , 2020, 7, 6.	5.3	28
74	Optimizing Carbon Storage Within a Spatially Heterogeneous Upland Grassland Through Sheep Grazing Management. <i>Ecosystems</i> , 2014, 17, 418-429.	3.4	27
75	Recreation of lowland heathland on ex-arable land: assessing the limiting processes on two sites with contrasting soil fertility and pH. <i>Journal of Applied Ecology</i> , 2007, 44, 573-582.	4.0	26
76	Control of Bracken and the Restoration of Heathland. V. Effects of Bracken Control Treatments on the Rhizome and its Relationship with Frond Performance. <i>Journal of Applied Ecology</i> , 1993, 30, 107.	4.0	25
77	The extended phenotype of Scots pine <i>Pinus sylvestris</i> structures the understorey assemblage. <i>Ecography</i> , 2006, 29, 451-457.	4.5	25
78	Competing conservation goals, biodiversity or ecosystem services: Element losses and species recruitment in a managed moorlandâ€“bracken model system. <i>Journal of Environmental Management</i> , 2007, 85, 1034-1047.	7.8	25
79	Long-term impacts of nitrogen deposition on coastal plant communities. <i>Environmental Pollution</i> , 2016, 212, 337-347.	7.5	25
80	The Ecology of the Strandline Annuals <i>Cakile Maritima</i> and <i>Salsola Kali</i> . II. The Role of Nitrogen in Controlling Plant Performance. <i>Journal of Ecology</i> , 1991, 79, 155.	4.0	24
81	Biomass production of upland vegetation types in England and Wales. <i>Grass and Forage Science</i> , 2002, 57, 373-388.	2.9	24
82	The response of plant and insect assemblages to the loss of <i>Calluna vulgaris</i> from upland vegetation. <i>Biological Conservation</i> , 2006, 128, 335-345.	4.1	24
83	Grazing impacts on Auchenorrhyncha diversity and abundance on a Scottish upland estate. <i>Insect Conservation and Diversity</i> , 2012, 5, 67-74.	3.0	24
84	Potential and realised contribution of endozoochory to seedling establishment. <i>Basic and Applied Ecology</i> , 2009, 10, 656-661.	2.7	23
85	Influence of livestock grazing on meadow pipit foraging behaviour in upland grassland. <i>Basic and Applied Ecology</i> , 2009, 10, 662-670.	2.7	23
86	How to Replicate the Functions and Biodiversity of a Threatened Tree Species? The Case of <i>Fraxinus excelsior</i> in Britain. <i>Ecosystems</i> , 2016, 19, 573-586.	3.4	23
87	A comparison of regeneration dynamics following gap creation at two geographically contrasting heathland sites. <i>Journal of Applied Ecology</i> , 2000, 37, 832-844.	4.0	22
88	Intra-Specific Leaf Trait Variation: Management and Fertility Matter More than the Climate at Continental Scales. <i>Folia Geobotanica</i> , 2013, 48, 355-371.	0.9	22
89	Moorland vegetation succession after the control of bracken with asulam. <i>Agriculture, Ecosystems and Environment</i> , 1997, 62, 41-52.	5.3	21
90	The seedbanks of the Breckland heaths and heath grasslands, eastern England, and their relationship to the vegetation and the effects of management. <i>Journal of Biogeography</i> , 1997, 24, 375-390.	3.0	21

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91	A functional assessment of the response of grassland vegetation to reduced grazing and abandonment. <i>Journal of Vegetation Science</i> , 2010, 21, 683.	2.2	21
92	Shifts in functional traits and functional diversity between vegetation and seed bank. <i>Journal of Vegetation Science</i> , 2013, 24, 865-876.	2.2	21
93	Understorey plant community composition reflects invasion history decades after invasive <i>Rhododendron</i> has been removed. <i>Journal of Applied Ecology</i> , 2018, 55, 874-884.	4.0	21
94	Vegetation re-establishment on land previously subject to control of <i>Pteridium aquilinum</i> by herbicide. <i>Applied Vegetation Science</i> , 2000, 3, 95-104.	1.9	20
95	Regeneration of <i>Salix arbuscula</i> and <i>Salix lapponum</i> within a Large Mammal Exclosure: The Impacts of Microsite and Herbivory. <i>Restoration Ecology</i> , 2010, 18, 1-9.	2.9	20
96	Intraspecific trait variation in grassland plant species reveals fine-scale strategy trade-offs and size differentiation that underpins performance in ecological communities. <i>Botany</i> , 2010, 88, 939-952.	1.0	20
97	Inferring temporal shifts in landuse intensity from functional response traits and functional diversity patterns: a study of Scotland's machair grassland. <i>Oikos</i> , 2014, 123, 334-344.	2.7	20
98	Landscape-scale vegetation patterns influence small-scale grazing impacts. <i>Biological Conservation</i> , 2015, 192, 218-225.	4.1	20
99	Plant Trait Assembly Affects Superiority of Grazer's Foraging Strategies in Species-Rich Grasslands. <i>PLoS ONE</i> , 2013, 8, e69800.	2.5	20
100	The effects of control on the biomass, carbohydrate content and bud reserves of bracken ( <i>Pteridium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 124, 479-493.	2.5	19
101	Sediment Fluxes in Intertidal Biotopes: BIOTA II. <i>Marine Pollution Bulletin</i> , 1999, 37, 173-181.	5.0	19
102	Severity of impacts of an introduced species corresponds with regional eco-evolutionary experience. <i>Ecography</i> , 2019, 42, 12-22.	4.5	19
103	Leaf Dry Matter Content Predicts Herbivore Productivity, but Its Functional Diversity Is Positively Related to Resilience in Grasslands. <i>PLoS ONE</i> , 2014, 9, e101876.	2.5	19
104	The Ecology of the Strandline Annuals <i>Cakile Maritima</i> and <i>Salsola Kali</i> . I. Environmental Factors Affecting Plant Performance. <i>Journal of Ecology</i> , 1991, 79, 143.	4.0	18
105	Moorland restoration aids the reassembly of associated phytophagous insects. <i>Biological Conservation</i> , 2006, 132, 395-404.	4.1	18
106	A trait-based approach to crop-weed interactions. <i>European Journal of Agronomy</i> , 2015, 70, 22-32.	4.1	18
107	The effectiveness of old and new strategies for the long-term control of <i>Pteridium aquilinum</i> , an 8-year test. <i>Weed Research</i> , 2016, 56, 247-257.	1.7	18
108	Decline in atmospheric sulphur deposition and changes in climate are the major drivers of long-term change in grassland plant communities in Scotland. <i>Environmental Pollution</i> , 2018, 235, 956-964.	7.5	18

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109	Species spread and persistence: Implications for experimental design and habitat re-creation. <i>Applied Vegetation Science</i> , 2002, 5, 75.	1.9	18
110	Temporal Responses of Propagule Banks during Ecological Restoration in the United Kingdom. <i>Restoration Ecology</i> , 2007, 15, 103-117.	2.9	17
111	Impacts of extensive grazing and abandonment on grassland soils and productivity. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 476-482.	5.3	17
112	Vegetation development on moorland after control of <i>Pteridium aquilinum</i> with asulam. <i>Journal of Vegetation Science</i> , 1992, 3, 707-710.	2.2	16
113	Introducing spatial grazing impacts into the prediction of moorland vegetation dynamics. <i>Landscape Ecology</i> , 2004, 19, 817-827.	4.2	16
114	Setting sustainable grazing levels for heather moorland: a multi-site analysis. <i>Journal of Applied Ecology</i> , 2009, 46, 363-368.	4.0	16
115	Changes in the Management of Scottish Machair Communities and Associated Habitats from the 1970s to the Present. <i>Scottish Geographical Journal</i> , 2011, 127, 267-287.	1.1	16
116	Experimental evidence that livestock grazing intensity affects cyclic vole population regulation processes. <i>Population Ecology</i> , 2014, 56, 55-61.	1.2	16
117	Drivers of species richness and compositional change in Scottish coastal vegetation. <i>Applied Vegetation Science</i> , 2017, 20, 183-193.	1.9	16
118	Change to ecosystem properties through changing the dominant species: Impact of <i>Pteridium aquilinum</i> -control and heathland restoration treatments on selected soil properties. <i>Journal of Environmental Management</i> , 2018, 207, 1-9.	7.8	16
119	A multi-site assessment of the effectiveness of <i>Pteridium aquilinum</i> control in Great Britain. <i>Applied Vegetation Science</i> , 2007, 10, 429-440.	1.9	15
120	Effectiveness of <i>Calluna</i> -heathland restoration methods after invasive plant control. <i>Ecological Engineering</i> , 2013, 54, 218-226.	3.6	15
121	Using compositional and functional indicators for biodiversity conservation monitoring of semi-natural grasslands in Scotland. <i>Biological Conservation</i> , 2014, 175, 82-93.	4.1	15
122	Combination of herbivore removal and nitrogen deposition increases upland carbon storage. <i>Global Change Biology</i> , 2015, 21, 3036-3048.	9.5	15
123	What is the most ecologically-meaningful metric of nitrogen deposition?. <i>Environmental Pollution</i> , 2019, 247, 319-331.	7.5	15
124	Directional trends in species composition over time can lead to a widespread overemphasis of year-to-year asynchrony. <i>Journal of Vegetation Science</i> , 2020, 31, 792-802.	2.2	15
125	Isolation of habitat patches limits colonisation by moorland Hemiptera. <i>Journal of Insect Conservation</i> , 2009, 13, 29-36.	1.4	14
126	Measured estimates of semi-natural terrestrial NPP in Great Britain: comparison with modelled values, and dependence on atmospheric nitrogen deposition. <i>Biogeochemistry</i> , 2019, 144, 215-227.	3.5	14

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127	A restoration experiment on moorland infested by <i>Pteridium aquilinum</i> : Plant species responses. <i>Agriculture, Ecosystems and Environment</i> , 2007, 119, 53-59.	5.3	13
128	Experimental evidence that livestock grazing intensity affects the activity of a generalist predator. <i>Acta Oecologica</i> , 2013, 49, 12-16.	1.1	13
129	Identifying the multi-scale spatial structure of plant community determinants of an important national resource. <i>Journal of Vegetation Science</i> , 2014, 25, 184-197.	2.2	13
130	Scotland's natural capital asset index: Tracking nature's contribution to national wellbeing. <i>Ecological Indicators</i> , 2019, 107, 105645.	6.3	13
131	Increased crop diversity reduces the functional space available for weeds. <i>Weed Research</i> , 2020, 60, 121-131.	1.7	13
132	Evaluation of a bracken ( <i>Pteridium aquilinum</i> (L.) Kuhn) growth model in predicting the effects of control strategies across a range of climatic zones in Great Britain. <i>Annals of Applied Biology</i> , 1997, 130, 305-318.	2.5	12
133	Factors Affecting the Restoration of Heathland and Acid Grassland on <i>Pteridium aquilinum</i> -Infested Land across the United Kingdom: A Multisite Study. <i>Restoration Ecology</i> , 2008, 16, 553-562.	2.9	12
134	Spatiotemporal scaling of plant species richness and functional diversity in a temperate semi-natural grassland. <i>Ecography</i> , 2018, 41, 845-856.	4.5	12
135	A review of current bracken control and associated vegetation strategies in Great Britain. <i>Web Ecology</i> , 2002, 3, 6-11.	1.6	12
136	Long-term recovery of bracken ( <i>Pteridium aquilinum</i> (L.) Kuhn) after asulam spraying. <i>Annals of Applied Biology</i> , 1993, 122, 519-530.	2.5	10
137	Efficacy of bracken ( <i>Pteridium aquilinum</i> (L.) Kuhn) control treatments across a range of climatic zones in Great Britain.. <i>Annals of Applied Biology</i> , 1997, 130, 283-303.	2.5	10
138	Effects of restoration treatments on the diaspore bank under dense <i>Pteridium</i> stands in the UK. <i>Applied Vegetation Science</i> , 2003, 6, 189.	1.9	10
139	Effects of experimental restoration on the diaspore bank of an upland moor degraded by <i>Pteridium aquilinum</i> invasion. <i>Land Degradation and Development</i> , 2007, 18, 659-669.	3.9	10
140	Changes in breeding wader assemblages, vegetation and land use within machair environments over three decades. <i>Bird Study</i> , 2014, 61, 287-300.	1.0	10
141	Seed limitation, not soil legacy effects, prevents native understorey from establishing in oak woodlands in Scotland after removal of <i>Rhododendron ponticum</i> . <i>Restoration Ecology</i> , 2018, 26, 865-872.	2.9	10
142	Invasion by <i>Rhododendron ponticum</i> depletes the native seed bank with long-term impacts after its removal. <i>Biological Invasions</i> , 2018, 20, 375-384.	2.4	10
143	Using species records and ecological attributes of bryophytes to develop an ecosystem health indicator. <i>Ecological Indicators</i> , 2019, 104, 127-136.	6.3	10
144	Intercropping drives plant phenotypic plasticity and changes in functional trait space. <i>Basic and Applied Ecology</i> , 2022, 61, 41-52.	2.7	10

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145	Using plant functional traits as a link between land use and bee foraging abundance. <i>Acta Oecologica</i> , 2013, 50, 32-39.	1.1	9
146	Climate drives temporal replacement and nested resultant richness patterns of Scottish coastal vegetation. <i>Ecography</i> , 2016, 39, 754-762.	4.5	8
147	Long-term changes in ground beetle ( <i>Coleoptera</i> : <i>Carabidae</i> ) assemblages in Scotland. <i>Ecological Entomology</i> , 2016, 41, 157-167.	2.2	8
148	Continuing influences of introduced hedgehogs <i>Erinaceus europaeus</i> as a predator of wader ( <i>Charadrii</i> ) eggs four decades after their release on the Outer Hebrides, Scotland. <i>Biological Invasions</i> , 2017, 19, 1981-1987.	2.4	8
149	Long-term functional structure and functional diversity changes in Scottish grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2017, 247, 352-362.	5.3	8
150	Phenological changes of the most commonly sampled ground beetle ( <i>Coleoptera</i> : <i>Carabidae</i> ) species in the UK environmental change network. <i>International Journal of Biometeorology</i> , 2018, 62, 1063-1074.	3.0	8
151	A functional assessment of the impact of changing grazing management of upland grassland mosaics. <i>Applied Vegetation Science</i> , 2020, 23, 539-550.	1.9	8
152	Interspecific networks in ground beetle ( <i>Coleoptera</i> : <i>Carabidae</i> ) assemblages. <i>Ecological Indicators</i> , 2016, 68, 134-141.	6.3	7
153	Disparities between plant community responses to nitrogen deposition and critical loads in UK semi-natural habitats. <i>Atmospheric Environment</i> , 2020, 239, 117478.	4.1	7
154	Recovery of Moorland Vegetation after Aerial Spraying of Bracken ( <i>Pteridium aquilinum</i> (L.) Kuhn) with Asulam. <i>Restoration Ecology</i> , 2005, 13, 718-724.	2.9	6
155	Milling plant and soil material in plastic tubes over-estimates carbon and under-estimates nitrogen concentrations. <i>Plant and Soil</i> , 2013, 369, 509-513.	3.7	6
156	Linking functional traits and species preferences to species' abundance and occupancy trends through time to identify habitat changes in coastal ecosystems. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017, 27, 35-44.	2.7	6
157	Livestock grazing impacts components of the breeding productivity of a common upland insectivorous passerine: Results from a long-term experiment. <i>Journal of Applied Ecology</i> , 2020, 57, 1514-1523.	4.0	6
158	The dynamics of vegetation grazed by a food-limited population of Soay sheep on St Kilda. <i>Journal of Ecology</i> , 2021, 109, 3988-4006.	4.0	6
159	The impacts of pollination mode, plant characteristics and local density on the reproductive success of a scarce plant species, <i>Salix arbuscula</i> . <i>Plant Ecology</i> , 2010, 211, 367-377.	1.6	5
160	Species but not genotype diversity strongly impacts the establishment of rare colonisers. <i>Functional Ecology</i> , 2017, 31, 1462-1470.	3.6	5
161	Does crop genetic diversity support positive biodiversity effects under experimental drought?. <i>Basic and Applied Ecology</i> , 2021, 56, 431-445.	2.7	5
162	Fine-scale hydrological niche segregation in coastal dune slacks. <i>Journal of Vegetation Science</i> , 2021, 32, e13085.	2.2	5

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163	Identifying drivers of change in bryophyte and lichen species occupancy in Scotland. <i>Ecological Indicators</i> , 2022, 139, 108889.	6.3	5
164	Seeds: The Ecology of Regeneration in Plant Communities, 2nd edn. <i>Grass and Forage Science</i> , 2001, 56, 203-203.	2.9	4
165	The epiphytic bryophyte community of Atlantic oak woodlands shows clear signs of recovery following the removal of invasive <i>Rhododendron ponticum</i> . <i>Biological Conservation</i> , 2017, 212, 96-104.	4.1	4
166	Do assembly rules for bird communities operate in small, fragmented woodlands in an agricultural landscape?. <i>Community Ecology</i> , 2001, 1, 171-179.	0.9	4
167	Sampling plant functional traits: What proportion of the species need to be measured?. <i>Applied Vegetation Science</i> , 2007, 10, 91.	1.9	4
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170	LOTVS: A global collection of permanent vegetation plots. <i>Journal of Vegetation Science</i> , 2022, 33, .	2.2	4
171	Common species contribute little to spatial patterns of functional diversity across scales in coastal grasslands. <i>Journal of Ecology</i> , 2022, 110, 1149-1160.	4.0	4
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173	Microsite affects willow sapling recovery from bank vole ( <i>Myodes glareolus</i> ) herbivory, but does not affect grazing risk. <i>Annals of Botany</i> , 2013, 112, 731-739.	2.9	3
174	Long-term trends in restored moorland vegetation assemblages. <i>Community Ecology</i> , 2014, 15, 104-112.	0.9	3
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176	Functional similarity analysis highlights ecosystem impacts and restoration needs. <i>Applied Vegetation Science</i> , 2018, 21, 258-266.	1.9	3
177	Habitat impact assessment detects spatially driven patterns of grazing impacts in habitat mosaics but overestimates damage. <i>Journal for Nature Conservation</i> , 2018, 45, 20-29.	1.8	3
178	Within country targeting of agri-environment funding: A test of different methods. <i>Global Ecology and Conservation</i> , 2019, 17, e00574.	2.1	3
179	Identifying suitable restoration sites for a scarce subarctic willow ( <i>Salix arbuscula</i> ) using different information sources and methods. <i>Plant Ecology and Diversity</i> , 2008, 1, 105-114.	2.4	2
180	Mycorrhizal status is a poor predictor of the distribution of herbaceous species along the gradient of soil nutrient availability in coastal and grassland habitats. <i>Mycorrhiza</i> , 2021, 31, 577-587.	2.8	2

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181	Increased grazing drives homogenisation but reduced grazing increases turnover in upland habitat mosaics. <i>Biodiversity and Conservation</i> , 2021, 30, 4279-4295.	2.6	2
182	Patterns of variation in plant diversity vary over different spatial levels in seasonal coastal wetlands. <i>Diversity and Distributions</i> , 2022, 28, 1875-1890.	4.1	2
183	Clade composition of a plant community indicates its phylogenetic diversity. <i>Ecology and Evolution</i> , 2020, 10, 3747-3757.	1.9	1