

Katherine J Willis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

191
papers

12,547
citations

52
h-index

108
g-index

200
ext. papers

14,513
ext. citations

8.2
avg, IF

6.67
L-index

#	Paper	IF	Citations
191	Can Regenerative Agriculture increase national soil carbon stocks? Simulated country-scale adoption of reduced tillage, cover cropping, and ley-arable integration using RothC.. <i>Science of the Total Environment</i> , 2022 , 825, 153955	10.2	4
190	The human dimension of biodiversity changes on islands. <i>Science</i> , 2021 , 372, 488-491	33.3	23
189	The future of Southeast Asia's tropical peatlands: Local and global perspectives. <i>Anthropocene</i> , 2021 , 34, 100292	3.9	1
188	A palynological perspective on the impacts of European contact: Historic deforestation, ranching and agriculture surrounding the Cuchumatanes Highlands, Guatemala. <i>Vegetation History and Archaeobotany</i> , 2021 , 30, 395-408	2.6	1
187	What are the impacts of the wood pellet industry on biodiversity in Southeastern USA? A systematic evidence synthesis. <i>Forest Ecology and Management</i> , 2021 , 483, 118773	3.9	2
186	Automatic Acoustic Mosquito Tagging with Bayesian Neural Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 351-366	0.9	
185	HumBug [An Acoustic Mosquito Monitoring Tool for use on budget smartphones. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 1848	7.7	2
184	Forests, Water, and Land Use Change across the Central American Isthmus: Mapping the Evidence Base for Terrestrial Holocene Palaeoenvironmental Proxies. <i>Forests</i> , 2021 , 12, 1057	2.8	1
183	Anthropogenic transitions from forested to human-dominated landscapes in southern Macaronesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
182	Identifying drivers of forest resilience in long-term records from the Neotropics. <i>Biology Letters</i> , 2020 , 16, 20200005	3.6	8
181	Indigenous uses of wild and tended plant biodiversity maintain ecosystem services in agricultural landscapes of the Terai Plains of Nepal. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2020 , 16, 33	3.9	9
180	Investments' role in ecosystem degradation-Response. <i>Science</i> , 2020 , 368, 377	33.3	4
179	Implications of Temperate Agroforestry on Sheep and Cattle Productivity, Environmental Impacts and Enterprise Economics. A Systematic Evidence Map. <i>Forests</i> , 2020 , 11, 1321	2.8	6
178	Bioacoustic detection with wavelet-conditioned convolutional neural networks. <i>Neural Computing and Applications</i> , 2020 , 32, 915-927	4.8	26
177	Fire in the Swamp Forest: Palaeoecological Insights Into Natural and Human-Induced Burning in Intact Tropical Peatlands. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	10
176	Potential adaptive strategies for 29 sub-Saharan crops under future climate change. <i>Nature Climate Change</i> , 2019 , 9, 758-763	21.4	40
175	Enset in Ethiopia: a poorly characterized but resilient starch staple. <i>Annals of Botany</i> , 2019 , 123, 747-766	4.1	52

174	Tropical monodominant forest resilience to climate change in Central Africa: A <i>Gilbertiodendron dewevrei</i> forest pollen record over the past 2,700 years. <i>Journal of Vegetation Science</i> , 2019 , 30, 575-586 ^{3.1}	7
173	The Legacy of Pre-Columbian Fire on the Pine-Dak Forests of Upland Guatemala. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7 4
172	The Apparent Resilience of the Dry Tropical Forests of the Nicaraguan Region of the Central American Dry Corridor to Variations in Climate Over the Last C. 1200 Years. <i>Quaternary</i> , 2019 , 2, 25	2.2 3
171	Pervasive human-driven decline of life on Earth points to the need for transformative change. <i>Science</i> , 2019 , 366,	33.3 563
170	What makes a terrestrial ecosystem resilient?. <i>Science</i> , 2018 , 359, 988-989	33.3 57
169	Using an ecosystem services perspective to assess biofuel sustainability. <i>Biomass and Bioenergy</i> , 2018 , 114, 1-7	5.3 3
168	Plant controls on Late Quaternary whole ecosystem structure and function. <i>Ecology Letters</i> , 2018 , 21, 814-825	10 12
167	Mechanisms and indicators for assessing the impact of biofuel feedstock production on ecosystem services. <i>Biomass and Bioenergy</i> , 2018 , 114, 157-173	5.3 27
166	Application of oil palm empty fruit bunch effects on soil biota and functions: A case study in Sumatra, Indonesia. <i>Agriculture, Ecosystems and Environment</i> , 2018 , 256, 105-113	5.7 22
165	Impacts of land use change due to biofuel crops on climate regulation services: Five case studies in Malawi, Mozambique and Swaziland. <i>Biomass and Bioenergy</i> , 2018 , 114, 30-40	5.3 28
164	Multi-dimensional poverty effects around operational biofuel projects in Malawi, Mozambique and Swaziland. <i>Biomass and Bioenergy</i> , 2018 , 114, 41-54	5.3 24
163	Exploring the Ecological History of a Tropical Agroforestry Landscape Using Fossil Pollen and Charcoal Analysis from Four Sites in Western Ghats, India. <i>Ecosystems</i> , 2018 , 21, 45-55	3.9 4
162	LEFTA web-based tool for the remote measurement and estimation of ecological value across global landscapes. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 571-579	7.7 5
161	Flower preferences and pollen transport networks for cavity-nesting solitary bees: Implications for the design of agri-environment schemes. <i>Ecology and Evolution</i> , 2018 , 8, 7574-7587	2.8 30
160	Survey of local impacts of biofuel crop production and adoption of ethanol stoves in southern Africa. <i>Scientific Data</i> , 2018 , 5, 180186	8.2 12
159	Seed banking not an option for many threatened plants. <i>Nature Plants</i> , 2018 , 4, 848-850	11.5 38
158	Defining and delivering resilient ecological networks: Nature conservation in England. <i>Journal of Applied Ecology</i> , 2018 , 55, 2537-2543	5.8 34
157	Phytolith analysis reveals the intensity of past land use change in the Western Ghats biodiversity hotspot. <i>Quaternary International</i> , 2017 , 437, 82-89	2 7

156	The natural capital of city trees. <i>Science</i> , 2017 , 356, 374-376	33.3	99
155	Island biodiversity conservation needs palaeoecology. <i>Nature Ecology and Evolution</i> , 2017 , 1, 181	12.3	44
154	Vegetation of Eurasia from the last glacial maximum to present: Key biogeographic patterns. <i>Quaternary Science Reviews</i> , 2017 , 157, 80-97	3.9	109
153	Improved quantification of UV-B absorbing compounds in <i>Pinus sylvestris</i> L. pollen grains using an internal standard methodology. <i>Review of Palaeobotany and Palynology</i> , 2017 , 247, 97-104	1.7	9
152	Pollen productivity estimates from old-growth forest strongly differ from those obtained in cultural landscapes: Evidence from the BiaÅwieÅ National Park, Poland. <i>Holocene</i> , 2016 , 26, 80-92	2.6	27
151	Landscape Erosion, Karstic Activity and the Development of a Wetland in the Southern Bekaa Valley, Lebanon During the Last Glacial Period. <i>Wetlands</i> , 2016 , 36, 593-605	1.7	1
150	What evidence exists for the effectiveness of on-farm conservation land management strategies for preserving ecosystem services in developing countries? A systematic map. <i>Environmental Evidence</i> , 2016 , 5,	3.3	9
149	Effects of soil management practices on soil fauna feeding activity in an Indonesian oil palm plantation. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 218, 133-140	5.7	42
148	Sensitivity of global terrestrial ecosystems to climate variability. <i>Nature</i> , 2016 , 531, 229-32	50.4	552
147	Reconstructing Holocene vegetation on the island of Gran Canaria before and after human colonization. <i>Holocene</i> , 2016 , 26, 113-125	2.6	22
146	<i>Jatropha</i> cultivation in Malawi and Mozambique: impact on ecosystem services, local human well-being, and poverty alleviation. <i>Ecology and Society</i> , 2016 , 21,	4.1	33
145	Quantification of population sizes of large herbivores and their long-term functional role in ecosystems using dung fungal spores. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 1273-1281	7.7	51
144	Modern and fossil pollen assemblages reveal forest taxonomic changes in the Mexican subtropics during the last 1300years. <i>Review of Palaeobotany and Palynology</i> , 2016 , 231, 1-13	1.7	7
143	Pollination service delivery for European crops: Challenges and opportunities. <i>Ecological Economics</i> , 2016 , 128, 1-7	5.6	19
142	The devil is in the detail: unstable response functions in species distribution models challenge bulk ensemble modelling. <i>Global Ecology and Biogeography</i> , 2016 , 25, 26-35	6.1	20
141	Asiatic cotton can generate similar economic benefits to Bt cotton under rainfed conditions. <i>Nature Plants</i> , 2015 , 1, 15072	11.5	6
140	The potential of CAM crops as a globally significant bioenergy resource: moving from 'fuel or food' to 'fuel and more food'. <i>Energy and Environmental Science</i> , 2015 , 8, 2320-2329	35.4	35
139	Ecosystem resilience to late-Holocene climate change in the Upper Zambezi Valley. <i>Holocene</i> , 2015 , 25, 1811-1828	2.6	9

138	John Birks: Pioneer in quantitative palaeoecology. <i>Holocene</i> , 2015 , 25, 3-16	2.6	
137	Climate and abrupt vegetation change in Northern Europe since the last deglaciation. <i>Holocene</i> , 2015 , 25, 25-36	2.6	32
136	Long-term disturbance dynamics and resilience of tropical peat swamp forests. <i>Journal of Ecology</i> , 2015 , 103, 16-30	6	44
135	Remote assessment of locally important ecological features across landscapes: how representative of reality? 2015 , 25, 1290-302		3
134	Landscape sensitivity and ecological change in western Zambia: The long-term perspective from dambo cut-and-fill sediments. <i>Journal of Quaternary Science</i> , 2015 , 30, 44-58	2.3	12
133	How effective are on-farm conservation land management strategies for preserving ecosystem services in developing countries? A systematic map protocol. <i>Environmental Evidence</i> , 2015 , 4,	3.3	6
132	Biofuels in sub-Saharan Africa: Drivers, impacts and priority policy areas. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 45, 879-901	16.2	83
131	The relative importance of biotic and abiotic processes for structuring plant communities through time. <i>Journal of Ecology</i> , 2015 , 103, 459-472	6	19
130	Modern pollen rain in Canary Island ecosystems and its implications for the interpretation of fossil records. <i>Review of Palaeobotany and Palynology</i> , 2015 , 214, 27-39	1.7	18
129	The role of palaeoecological records in assessing ecosystem services. <i>Quaternary Science Reviews</i> , 2015 , 112, 17-32	3.9	39
128	Cultural drivers of reforestation in tropical forest groves of the Western Ghats of India. <i>Forest Ecology and Management</i> , 2014 , 329, 393-400	3.9	33
127	Recovery and resilience of tropical forests after disturbance. <i>Nature Communications</i> , 2014 , 5, 3906	17.4	133
126	A quantitative framework for analysis of regime shifts in a Galápagos coastal lagoon. <i>Ecology</i> , 2014 , 95, 3046-3055	4.6	43
125	Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 ka. <i>Quaternary Science Reviews</i> , 2014 , 106, 206-224	3.9	164
124	Spatiotemporal patterns of warming. <i>Nature Climate Change</i> , 2014 , 4, 845-846	21.4	12
123	Vegetation response to climate change during the Last Interglacial–Last Glacial transition in the southern Bekaa Valley, Lebanon. <i>Palynology</i> , 2014 , 38, 195-206	1.5	4
122	Diatoms from isolated islands II: <i>Pseudostaurosira diablarum</i> , a new species from a mangrove ecosystem in the Galápagos Islands.. <i>Diatom Research</i> , 2014 , 29, 201-211	0.9	7
121	Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014 , 102, 256-267	6	168

120	The ecological consequences of megafaunal loss: giant tortoises and wetland biodiversity. <i>Ecology Letters</i> , 2014 , 17, 144-54	10	42
119	Influence of 1100 years of burning on the central African rainforest. <i>Ecography</i> , 2014 , no-no	6.5	8
118	Identifying and Mapping Biodiversity: Where Can We Damage? 2014 , 57-78		2
117	Righting past wrongs and ensuring the future 2013 , 405-429		9
116	Elephants in the room 2013 , 467-494		
115	Disease control 2013 , 452-466		1
114	Conservation priorities 2013 , 1-22		17
113	Designing effective solutions to conservation planning problems 2013 , 362-383		8
112	Levels of approach 2013 , 23-41		3
111	Effective conservation depends upon understanding human behaviour 2013 , 344-361		32
110	Five paradigms of collective action underlying the human dimension of conservation 2013 , 42-58		4
109	Biodiversity: Oil-palm replanting raises ecology issues. <i>Nature</i> , 2013 , 502, 170-1	50.4	12
108	Economic instruments for nature conservation 2013 , 59-73		12
107	Determining the response of African biota to climate change: using the past to model the future. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120491	5.8	46
106	Do dung fungal spores make a good proxy for past distribution of large herbivores?. <i>Quaternary Science Reviews</i> , 2013 , 62, 21-31	3.9	133
105	Landscape planning for the future: using fossil records to independently validate bioclimatic envelope models for economically valuable tree species in Europe. <i>Global Ecology and Biogeography</i> , 2013 , 22, 318-333	6.1	11
104	The ancient forests of La Gomera, Canary Islands, and their sensitivity to environmental change. <i>Journal of Ecology</i> , 2013 , 101, 368-377	6	44
103	The human dimension in addressing conflict with large carnivores 2013 , 110-126		52

102	Citizen science and nature conservation 2013 , 127-142		21
101	Tackling unsustainable wildlife trade 2013 , 74-91		17
100	Nature as a source of health and well-being 2013 , 143-160		5
99	Plant conservation 2013 , 313-326		
98	Leadership and listening 2013 , 92-109		2
97	Ocean conservation 2013 , 161-183		
96	Lost in muddy waters 2013 , 184-203		
95	Habitat case studies 2013 , 204-221		
94	Conservation of tropical forests 2013 , 222-235		1
93	A global perspective on conserving butterflies and moths and their habitats 2013 , 237-257		20
92	Bird conservation in tropical ecosystems 2013 , 258-276		30
91	Conserving large mammals 2013 , 277-312		12
90	The Why, What, and How of monitoring for conservation 2013 , 327-343		14
89	Biological corridors and connectivity 2013 , 384-404		70
88	Rewilding 2013 , 430-451		33
87	Tree migration-rates: narrowing the gap between inferred post-glacial rates and projected rates. <i>PLoS ONE</i> , 2013 , 8, e71797	3.7	88
86	Neotropical refugia. <i>Holocene</i> , 2012 , 22, 1207-1214	2.6	11
85	Detecting the provenance of Galápagos non-native pollen: The role of humans and air currents as transport mechanisms. <i>Holocene</i> , 2012 , 22, 1373-1383	2.6	16

84	How fire and climate shaped grass-dominated vegetation and forest mosaics in northern South Africa during past millennia. <i>Holocene</i> , 2012 , 22, 1427-1439	2.6	23
83	Trends in biomass burning in the Carpathian region over the last 15,000 years. <i>Quaternary Science Reviews</i> , 2012 , 45, 111-125	3.9	63
82	Lake or bog? Reconstructing baseline ecological conditions for the protected Galápagos Sphagnum peatbogs. <i>Quaternary Science Reviews</i> , 2012 , 52, 60-74	3.9	9
81	Determining the ecological value of landscapes beyond protected areas. <i>Biological Conservation</i> , 2012 , 147, 3-12	6.2	34
80	Resilience of an ancient tropical forest landscape to 7500 years of environmental change. <i>Biological Conservation</i> , 2012 , 153, 108-117	6.2	27
79	A call for an international network of genomic observatories (GOs). <i>GigaScience</i> , 2012 , 1, 5	7.6	19
78	A battle lost? Report on two centuries of invasion and management of <i>Lantana camara</i> L. in Australia, India and South Africa. <i>PLoS ONE</i> , 2012 , 7, e32407	3.7	98
77	Climate change impacts on ecosystem functioning: evidence from an <i>Empetrum</i> heathland. <i>New Phytologist</i> , 2012 , 193, 150-164	9.8	28
76	Late-Holocene successional dynamics in a transitional forest of west-central Mexico. <i>Holocene</i> , 2012 , 22, 143-153	2.6	16
75	Ecosystem resilience and threshold response in the Galápagos coastal zone. <i>PLoS ONE</i> , 2011 , 6, e22376	3.7	23
74	When is an invasive not an invasive? Macrofossil evidence of doubtful native plant species in the Galápagos Islands. <i>Ecology</i> , 2011 , 92, 805-12	4.6	29
73	Abrupt environmental changes drive shifts in tree-grass interaction outcomes. <i>Journal of Ecology</i> , 2011 , 99, 1063-1070	6	28
72	Quantification of UV-B flux through time using UV-B-absorbing compounds contained in fossil <i>Pinus</i> sporopollenin. <i>New Phytologist</i> , 2011 , 192, 553-60	9.8	36
71	Stability in ecosystem functioning across a climatic threshold and contrasting forest regimes. <i>PLoS ONE</i> , 2011 , 6, e16134	3.7	20
70	Evidence for drought and forest declines during the recent megafaunal extinctions in Madagascar. <i>Journal of Biogeography</i> , 2010 , 37, 506-519	4.1	53
69	Post-glacial patterns in vegetation dynamics in Romania: homogenization or differentiation?. <i>Journal of Biogeography</i> , 2010 , 37, 2197-2208	4.1	30
68	Questions of importance to the conservation of biological diversity: answers from the past. <i>Climate of the Past</i> , 2010 , 6, 759-769	3.9	42
67	4 °C and beyond: what did this mean for biodiversity in the past?. <i>Systematics and Biodiversity</i> , 2010 , 8, 3-9	1.7	45

66	Biodiversity baselines, thresholds and resilience: testing predictions and assumptions using palaeoecological data. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 583-91	10.9	242
65	Historic fuel wood use in the Galápagos Islands: identification of charred remains. <i>Vegetation History and Archaeobotany</i> , 2010 , 19, 207-217	2.6	15
64	Fire and climate change impacts on lowland forest composition in northern Congo during the last 2580 years from palaeoecological analyses of a seasonally flooded swamp. <i>Holocene</i> , 2009 , 19, 79-89	2.6	52
63	Legacy of the past land-use changes and management on the natural upland forest composition in the Apuseni Natural Park, Romania. <i>Holocene</i> , 2009 , 19, 967-981	2.6	51
62	'Tales of Symphonia': extinction dynamics in response to past climate change in Madagascan rainforests. <i>Biology Letters</i> , 2009 , 5, 821-5	3.6	10
61	Cloud forest dynamics in the Mexican neotropics during the last 1300 years. <i>Global Change Biology</i> , 2009 , 16, 1689-1704	11.4	23
60	The long-term ecology of the lost forests of La Laguna, Tenerife (Canary Islands). <i>Journal of Biogeography</i> , 2009 , 36, 499-514	4.1	82
59	Variability in thermal and UV-B energy fluxes through time and their influence on plant diversity and speciation. <i>Journal of Biogeography</i> , 2009 , 36, 1630-1644	4.1	36
58	Threshold response of Madagascar's littoral forest to sea-level rise. <i>Global Ecology and Biogeography</i> , 2009 , 18, 98-110	6.1	46
57	Conservation in Oil-Palm Landscapes. <i>Conservation Biology</i> , 2009 , 23, 245-246	6	3
56	Vulnerability and resilience of tropical forest species to land-use change. <i>Conservation Biology</i> , 2009 , 23, 1438-47	6	65
55	The distribution of late-Quaternary woody taxa in northern Eurasia: evidence from a new macrofossil database. <i>Quaternary Science Reviews</i> , 2009 , 28, 2445-2464	3.9	170
54	Ecology. Biodiversity and climate change. <i>Science</i> , 2009 , 326, 806-7	33.3	179
53	Agroforestry as a solution to the oil-palm debate. <i>Conservation Biology</i> , 2008 , 22, 1368-9	6	36
52	Long-term variability of <i>Abies alba</i> in NW Romania: implications for its conservation management. <i>Diversity and Distributions</i> , 2008 , 14, 1004-1017	5	45
51	Species persistence in northerly glacial refugia of Europe: a matter of chance or biogeographical traits?. <i>Journal of Biogeography</i> , 2008 , 35, 464-482	4.1	251
50	Fossil pollen as a guide to conservation in the Galapagos. <i>Science</i> , 2008 , 322, 1206	33.3	65
49	Emerging issues in biodiversity & conservation management: The need for a palaeoecological perspective. <i>Quaternary Science Reviews</i> , 2008 , 27, 1723-1732	3.9	153

48	Agroforestry: a refuge for tropical biodiversity?. <i>Trends in Ecology and Evolution</i> , 2008 , 23, 261-7	10.9	435
47	The usefulness of a long-term perspective in assessing current forest conservation management in the Apuseni Natural Park, Romania. <i>Forest Ecology and Management</i> , 2008 , 256, 421-430	3.9	59
46	Alpines, trees, and refugia in Europe. <i>Plant Ecology and Diversity</i> , 2008 , 1, 147-160	2.2	251
45	Testing the sensitivity of charcoal as an indicator of fire events in savanna environments: quantitative predictions of fire proximity, area and intensity. <i>Holocene</i> , 2008 , 18, 279-291	2.6	95
44	Impacts of climate change on species, populations and communities: palaeobiogeographical insights and frontiers. <i>Progress in Physical Geography</i> , 2008 , 32, 139-172	3.5	64
43	4200 years of pine-dominated upland forest dynamics in west-central Mexico: human or natural legacy?. <i>Ecology</i> , 2008 , 89, 1893-907	4.6	39
42	Holocene palaeo-invasions: the link between pattern, process and scale in invasion ecology?. <i>Landscape Ecology</i> , 2008 , 23, 757-769	4.3	22
41	How can a knowledge of the past help to conserve the future? Biodiversity conservation and the relevance of long-term ecological studies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 175-86	5.8	178
40	Testing the impact of climate variability on European plant diversity: 320,000 years of water-energy dynamics and its long-term influence on plant taxonomic richness. <i>Ecology Letters</i> , 2007 , 10, 673-9	10	39
39	The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania. <i>Review of Palaeobotany and Palynology</i> , 2007 , 145, 305-320	1.7	79
38	Biodiversity hotspots through time: an introduction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 169-74	5.8	26
37	Culture or climate? The relative influences of past processes on the composition of the lowland Congo rainforest. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007 , 362, 229-42	5.8	81
36	The impact of ancient civilization on the northeastern Chinese landscape: palaeoecological evidence from the Western Liaohe River Basin, Inner Mongolia. <i>Holocene</i> , 2006 , 16, 1109-1121	2.6	43
35	What is natural? The need for a long-term perspective in biodiversity conservation. <i>Science</i> , 2006 , 314, 1261-5	33.3	447
34	Providing baselines for biodiversity measurement. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 107-8	10.9	51
33	A Geographical Information System (GIS) study of Triassic vertebrate biochronology. <i>Geological Magazine</i> , 2005 , 142, 327-354	2	43
32	Conservation Biogeography: assessment and prospect. <i>Diversity and Distributions</i> , 2005 , 11, 3-23	5	694
31	Ecology. How 'virgin' is virgin rainforest?. <i>Science</i> , 2004 , 304, 402-3	33.3	220

30	The role of Quaternary environmental change in plant macroevolution: the exception or the rule?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004 , 359, 159-72; discussion 172	5.8	142
29	As Earth's testimonies tell wilderness conservation in a changing world. <i>Ecology Letters</i> , 2004 , 7, 990-998	3.0	68
28	Holocene forest history of the eastern plateaux in the Segura Mountains (Murcia, southeastern Spain). <i>Review of Palaeobotany and Palynology</i> , 2004 , 132, 219-236	1.7	60
27	Trees or no trees? The environments of central and eastern Europe during the Last Glaciation. <i>Quaternary Science Reviews</i> , 2004 , 23, 2369-2387	3.9	442
26	The phytogeographical regions of Slovenia: a consequence of natural environmental variation or prehistoric human activity?. <i>Journal of Ecology</i> , 2003 , 91, 807-821	6	23
25	Ecology. Species diversity--scale matters. <i>Science</i> , 2002 , 295, 1245-8	33.3	379
24	Scale and species richness: towards a general, hierarchical theory of species diversity. <i>Journal of Biogeography</i> , 2001 , 28, 453-470	4.1	1013
23	Mediterranean Europe: a consequence of nature or nurture?. <i>Journal of Biogeography</i> , 2001 , 28, 1167-1167	1.7	1
22	Did dinosaurs invent flowers? Dinosaur-angiosperm coevolution revisited. <i>Biological Reviews</i> , 2001 , 76, 411-47	13.5	124
21	Reply to Carcaillet and Vernet. <i>Quaternary Research</i> , 2001 , 55, 388-389	1.9	16
20	Effect of global atmospheric carbon dioxide on glacial-interglacial vegetation change. <i>Global Ecology and Biogeography</i> , 2000 , 9, 355-361	6.1	29
19	The Full-Glacial Forests of Central and Southeastern Europe. <i>Quaternary Research</i> , 2000 , 53, 203-213	1.9	379
18	Perspectives: paleoecology. The refugial debate. <i>Science</i> , 2000 , 287, 1406-7	33.3	204
17	Prehistoric farming and the postglacial expansion of beech and hombeam: a comment on Körner. <i>Holocene</i> , 1999 , 9, 119-121	2.6	21
16	124,000-year periodicity in terrestrial vegetation change during the late Pliocene epoch. <i>Nature</i> , 1999 , 397, 685-688	50.4	57
15	The role of sub-milankovitch climatic forcing in the initiation of the northern hemisphere glaciation. <i>Science</i> , 1999 , 285, 568-71	33.3	38
14	Prehistoric land degradation in Hungary: who, how and why?. <i>Antiquity</i> , 1998 , 72, 101-113	1	51
13	DOES SOIL CHANGE CAUSE VEGETATION CHANGE OR VICE VERSA? A TEMPORAL PERSPECTIVE FROM HUNGARY. <i>Ecology</i> , 1997 , 78, 740-750	4.6	130

12	Where did all the flowers go? The fate of temperate European flora during glacial periods. <i>Endeavour</i> , 1996 , 20, 110-114	0.5	73
11	The late Quaternary environmental history of BÉorliget, N.E. Hungary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1995 , 118, 25-47	2.9	106
10	Mass extinction, punctuated equilibrium and the fossil plant record. <i>Trends in Ecology and Evolution</i> , 1995 , 10, 308-9	10.9	9
9	Altitudinal variation in the late quaternary vegetational history of Northwest Greece. <i>Historical Biology</i> , 1994 , 9, 103-116	1.1	9
8	The vegetational history of the Balkans. <i>Quaternary Science Reviews</i> , 1994 , 13, 769-788	3.9	172
7	Reply from k.j. Willis. <i>Trends in Ecology and Evolution</i> , 1994 , 9, 345	10.9	2
6	The Neolithic transition - fact or fiction? Palaeoecological evidence from the Balkans. <i>Holocene</i> , 1994 , 4, 326-330	2.6	61
5	How old is ancient woodland?. <i>Trends in Ecology and Evolution</i> , 1993 , 8, 427-8	10.9	19
4	The late Quaternary vegetational history of northwest Greece. <i>New Phytologist</i> , 1992 , 121, 101-117	9.8	31
3	The late Quaternary vegetational history of northwest Greece. <i>New Phytologist</i> , 1992 , 121, 119-138	9.8	34
2	The late Quaternary vegetational history of northwest Greece. <i>New Phytologist</i> , 1992 , 121, 139-155	9.8	38
1	Prioritising crop wild relatives to enhance agricultural resilience in sub-Saharan Africa under climate change. <i>Plants People Planet</i> ,	4.1	2