Sara A O Cousins

List of Publications by Year
in descending order

152	5,617	81839	110317
papers	citations	39 h-index	64 g-index

153	153	153	5969
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Forest understorey communities respond strongly to light in interaction with forest structure, but not to microclimate warming. New Phytologist, 2022, 233, 219-235.	3.5	32
2	Context matters: the landscape matrix determines the population genetic structure of temperate forest herbs across Europe. Landscape Ecology, 2022, 37, 1365-1384.	1.9	4
3	Soil seed bank responses to edge effects in temperate European forests. Global Ecology and Biogeography, 2022, 31, 1877-1893.	2.7	5
4	Multiscale drivers of carabid beetle (Coleoptera: Carabidae) assemblages in small European woodlands. Global Ecology and Biogeography, 2021, 30, 165-182.	2.7	13
5	Small scale environmental variation modulates plant defence syndromes of understorey plants in deciduous forests of Europe. Global Ecology and Biogeography, 2021, 30, 205-219.	2.7	15
6	Drivers of carbon stocks in forest edges across Europe. Science of the Total Environment, 2021, 759, 143497.	3.9	25
7	Functional rather than structural connectivity explains grassland plant diversity patterns following landscape scale habitat loss. Landscape Ecology, 2021, 36, 265-280.	1.9	25
8	Semi-natural habitats in boreal Europe: a rise of a social-ecological research agenda. Ecology and Society, 2021, 26, .	1.0	13
9	Training future generations to deliver evidenceâ€based conservation and ecosystem management. Ecological Solutions and Evidence, 2021, 2, e12032.	0.8	23
10	A call for consistency with the terms â€˜wetterâ€™ and â€˜drierâ€™ in climate change studies. Environmental Evidence, 2021, 10, .	1.1	12
11	Taxonomic, phylogenetic and functional diversity of understorey plants respond differently to environmental conditions in European forest edges. Journal of Ecology, 2021, 109, 2629-2648.	1.9	28
12	The importance of history for understanding contemporary ecosystems: Insights from vegetation science. Journal of Vegetation Science, 2021, 32, e13048.	1.1	2
13	Dispersal limitation, eutrophication and propagule pressure constrain the conservation value of Grassland Green Infrastructure. Biological Conservation, 2021, 258, 109152.	1.9	9
14	Editorial SCAPE special issue. Nordic Journal of Botany, 2021, 39, .	0.2	0
15	Sensitivity to habitat fragmentation across European landscapes in three temperate forest herbs. Landscape Ecology, 2021, 36, 2831-2848.	1.9	4
16	Immigration credit of temperate forest herbs in fragmented landscapesâ€”Implications for restoration of habitat connectivity. Journal of Applied Ecology, 2021, 58, 2195-2206.	1.9	6
17	How do African elephants utilize the landscape during wet season? A habitat connectivity analysis for Sioma Ngwezi landscape in Zambia. Ecology and Evolution, 2021, 11, 14916-14931.	0.8	7
18	Microclimatic edge-to-interior gradients of European deciduous forests. Agricultural and Forest Meteorology, 2021, 311, 108699.	1.9	38

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19	How does a wetland plant respond to increasing temperature along a latitudinal gradient?. Ecology and Evolution, 2021, 11, 16228-16238.	0.8	6
20	Contrasting microclimates among hedgerows and woodlands across temperate Europe. Agricultural and Forest Meteorology, 2020, 281, 107818.	1.9	27
21	Direct and indirect effects of island size and wave exposure on shoreline arthropod diversity. Journal of Biogeography, 2020, 47, 968-977.	1.4	1
22	Recent changes in the frequency of plant species and vegetation types in Scania, S Sweden, compared to changes during the twentieth century. Biodiversity and Conservation, 2020, 29, 709-728.	1.2	10
23	Edge influence on understorey plant communities depends on forest management. Journal of Vegetation Science, 2020, 31, 281-292.	1.1	40
24	High ecosystem service delivery potential of small woodlands in agricultural landscapes. Journal of Applied Ecology, 2020, 57, 4-16.	1.9	46
25	Grazing livestock increases both vegetation and seed bank diversity in remnant and restored grasslands. Journal of Vegetation Science, 2020, 31, 1053-1065.	1.1	20
26	Direct and indirect selection on mate choice during pollen competition: Effects of male and female sexual traits on offspring performance following twoâ€donor crosses. Journal of Evolutionary Biology, 2020, 33, 1452-1467.	0.8	5
27	Plant diversity in hedgerows and road verges across Europe. Journal of Applied Ecology, 2020, 57, 1244-1257.	1.9	42
28	The evolution of spring fen ecotypes in Rhinanthus: genetic evidence for parallel origins in Scandinavia after the last ice age. Plant Systematics and Evolution, 2020, 306, 1.	0.3	2
29	Earlier onset of flowering and increased reproductive allocation of an annual invasive plant in the north of its novel range. Annals of Botany, 2020, 126, 1005-1016.	1.4	7
30	Contrasting altitudinal variation of alpine plant communities along the Swedish mountains. Ecology and Evolution, 2020, 10, 4838-4853.	0.8	8
31	Biological Flora of the British Isles: Poa nemoralis. Journal of Ecology, 2020, 108, 1750-1774.	1.9	1
32	Structural variation of forest edges across Europe. Forest Ecology and Management, 2020, 462, 117929.	1.4	35
33	Mojito, Anyone? An Exploration of Low-Tech Plant Water Extraction Methods for Isotopic Analysis Using Locally-Sourced Materials. Frontiers in Earth Science, 2019, 7, .	0.8	22
34	Unbalanced species losses and gains lead to nonâ€linear trajectories as grasslands become forests. Journal of Vegetation Science, 2019, 30, 1089-1098.	1.1	6
35	Plantâ€“soil feedbacks of forest understorey plants transplanted in nonlocal soils along a latitudinal gradient. Plant Biology, 2019, 21, 677-687.	1.8	7
36	Exploring the effects of pasture trees on plant community patterns. Journal of Vegetation Science, 2019, 30, 809-820.	1.1	5

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37	Forest edges reduce slug (but not snail) activity-density across Western Europe. Pedobiologia, 2019, 75, 34-37.	0.5	3
38	Strength of forest edge effects on litterâ€dwelling macroâ€arthropods across Europe is influenced by forest age and edge properties. Diversity and Distributions, 2019, 25, 963-974.	1.9	21
39	Plant species identity and soil characteristics determine rhizosphere soil bacteria community composition in European temperate forests. FEMS Microbiology Ecology, 2019, 95, .	1.3	19
40	No genetic erosion after five generations for Impatiens glandulifera populations across the invaded range in Europe. BMC Genetics, 2019, 20, 20.	2.7	12
41	Ecotypic divergence in Crepis tectorum (Asteraceae): inferring trait lability and correlational constraints from hormonally manipulated phenotypes. Nordic Journal of Botany, 2019, 37, .	0.2	0
42	Local soil characteristics determine the microbial communities under forest understorey plants along a latitudinal gradient. Basic and Applied Ecology, 2019, 36, 34-44.	1.2	10
43	Does historical land use affect the regional distribution of fleshy-fruited woody plants?. PLoS ONE, 2019, 14, e0225791.	1.1	7
44	Grazing networks promote plant functional connectivity among isolated grassland communities. Diversity and Distributions, 2019, 25, 102-115.	1.9	20
45	Functional trait variation of forest understorey plant communities across Europe. Basic and Applied Ecology, 2019, 34, 1-14.	1.2	33
46	Impact of an invasive alien plant on litter decomposition along a latitudinal gradient. Ecosphere, 2018, 9, e02097.	1.0	26
47	Land uplift creates important meadow habitat and a potential original niche for grassland species. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172349.	1.2	7
48	Atmospheric nitrogen deposition on petals enhances seed quality of the forest herb Anemone nemorosa. Plant Biology, 2018, 20, 619-626.	1.8	7
49	Desiccation resistance determines distribution of woodlice along forest edge-to-interior gradients. European Journal of Soil Biology, 2018, 85, 1-3.	1.4	10
50	Linking macrodetritivore distribution to desiccation resistance in small forest fragments embedded in agricultural landscapes in Europe. Landscape Ecology, 2018, 33, 407-421.	1.9	18
51	Local conditions in small habitats and surrounding landscape are important for pollination services, biological pest control and seed predation. Agriculture, Ecosystems and Environment, 2018, 251, 107-113.	2.5	31
52	The complexity of forest borders determines the understorey vegetation. Applied Vegetation Science, 2018, 21, 85-93.	0.9	9
53	Seed dispersal in both space and time is necessary for plant diversity maintenance in fragmented landscapes. Oikos, 2018, 127, 780-791.	1.2	36
54	Species richness and composition differ in response to landscape and biogeography. Landscape Ecology, 2018, 33, 2273-2284.	1.9	28

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55	The Neolithic Plant Invasion Hypothesis: the role of preadaptation and disturbance in grassland invasion. New Phytologist, 2018, 220, 94-103.	3.5	24
56	Habitat properties are key drivers of Borrelia burgdorferi (s.l.) prevalence in Ixodes ricinus populations of deciduous forest fragments. Parasites and Vectors, 2018, 11, 23.	1.0	42
57	The changing contribution of topâ€down and bottomâ€up limitation of mesopredators during 220Âyears of land use and climate change. Journal of Animal Ecology, 2017, 86, 566-576.	1.3	21
58	Plant functional connectivity â€“ integrating landscape structure and effective dispersal. Journal of Ecology, 2017, 105, 1648-1656.	1.9	110
59	Latitudinal variation of life-history traits of an exotic and a native impatiens species in Europe. Acta Oecologica, 2017, 81, 40-47.	0.5	3
60	Island biogeography theory outweighs habitat amount hypothesis in predicting plant species richness in small grassland remnants. Landscape Ecology, 2017, 32, 1895-1906.	1.9	57
61	HistMapR: Rapid digitization of historical landâ€use maps in R. Methods in Ecology and Evolution, 2017, 8, 1453-1457.	2.2	22
62	Where does the community start, and where does it end? Including the seed bank to reassess forest herb layer responses to the environment. Journal of Vegetation Science, 2017, 28, 424-435.	1.1	21
63	Does the seed bank contribute to the build-up of a genetic extinction debt in the grassland perennial Campanula rotundifolia?. Annals of Botany, 2017, 120, 373-385.	1.4	18
64	Methodological bias in the seed bank flora holds significant implications for understanding seed bank community functions. Plant Biology, 2017, 19, 201-210.	1.8	10
65	Geophagic termite mounds as one of the resources for African elephants in Ugalla Game Reserve, Western Tanzania. African Journal of Ecology, 2017, 55, 91-100.	0.4	7
66	Spatial scale and specialization affect how biogeography and functional traits predict longâ€term patterns of community turnover. Functional Ecology, 2017, 31, 436-443.	1.7	31
67	Geographic variation in floral traits is associated with environmental and genetic differences among populations of the mixed mating species Collinsia heterophylla (Plantaginaceae). Botany, 2017, 95, 121-138.	0.5	11
68	Environmental drivers of Ixodes ricinus abundance in forest fragments of rural European landscapes. BMC Ecology, 2017, 17, 31.	3.0	43
69	Biotic and abiotic drivers of intraspecific trait variation within plant populations of three herbaceous plant species along a latitudinal gradient. BMC Ecology, 2017, 17, 38.	3.0	38
70	The 3-D Structural Basis for the Pgi Genotypic Differences in the Performance of the Butterfly Melitaea cinxia at Different Temperatures. PLoS ONE, 2016, 11, e0160191.	1.1	3
71	Nongenetic Inheritance of Induced Resistance in a Wild Annual Plant. Phytopathology, 2016, 106, 877-883.	1.1	12
72	Selection on pollen and pistil traits during pollen competition is affected by both sexual conflict and mixed mating in a selfâ€compatible herb. American Journal of Botany, 2016, 103, 541-552.	0.8	28

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73	Host environment and local genetic adaptation determine phenotype in parasiticRhinanthus angustifolius. Botanical Journal of the Linnean Society, 2016, 180, 89-103.	0.8	9
74	Connectivity and management enables fast recovery of plant diversity in new linear grassland elements. Journal of Vegetation Science, 2016, 27, 19-28.	1.1	12
75	The contribution of patchâ€scale conditions is greater than that of macroclimate in explaining local plant diversity in fragmented forests across <scp>E</scp>urope. Global Ecology and Biogeography, 2015, 24, 1094-1105.	2.7	43
76	Impacts of warming and changes in precipitation frequency on the regeneration of two Acer species. Flora: Morphology, Distribution, Functional Ecology of Plants, 2015, 214, 24-33.	0.6	15
77	Population size and reproduction in the declining endangered forest plant Chimaphila umbellata in Sweden. Folia Geobotanica, 2015, 50, 13-23.	0.4	11
78	Divergent regeneration responses of two closely related tree species to direct abiotic and indirect biotic effects of climate change. Forest Ecology and Management, 2015, 342, 21-29.	1.4	13
79	Regional-scale land-cover change during the 20th century and its consequences for biodiversity. Ambio, 2015, 44, 17-27.	2.8	123
80	The spatial and temporal components of functional connectivity in fragmented landscapes. Ambio, 2015, 44, 51-59.	2.8	84
81	Isolation by 454-sequencing and characterization of polymorphic microsatellite markers in the tetraploid perennial herb Campanula rotundifolia. Conservation Genetics Resources, 2015, 7, 721-722.	0.4	4
82	Interacting effects of change in climate, human population, land use, and water use on biodiversity and ecosystem services. Ecology and Society, 2015, 20, .	1.0	43
83	Climate change effects on the Baltic Sea borderland between land and sea. Ambio, 2015, 44, 28-38.	2.8	20
84	Seed dispersal by ungulates as an ecological filter: a traitâ€based metaâ€analysis. Oikos, 2015, 124, 1109-1120.	1.2	130
85	Low genetic diversity despite multiple introductions of the invasive plant species Impatiens glandulifera in Europe. BMC Genetics, 2015, 16, 103.	2.7	62
86	Patterns of phenotypic trait variation in two temperate forest herbs along a broad climatic gradient. Plant Ecology, 2015, 216, 1523-1536.	0.7	25
87	Interacting effects of warming and drought on regeneration and early growth of Acer pseudoplatanus and A.Âplatanoides. Plant Biology, 2015, 17, 52-62.	1.8	27
88	Indirect Genetic Effects from Competition in the Clonal Herb Sedum album (Crassulaceae). PLoS ONE, 2014, 9, e106104.	1.1	6
89	Historical Landscape Perspectives on Grasslands in Sweden and the Baltic Region. Land, 2014, 3, 300-321.	1.2	48
90	The geography of humanâ€mediated dispersal. Diversity and Distributions, 2014, 20, 1450-1456.	1.9	44

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91	Effects of enhanced nitrogen inputs and climate warming on a forest understorey plant assessed by transplant experiments along a latitudinal gradient. Plant Ecology, 2014, 215, 899-910.	0.7	16
92	Latitudinal variation in seeds characteristics of Acer platanoides and A. pseudoplatanus. Plant Ecology, 2014, 215, 911-925.	0.7	23
93	Function of small habitat elements for enhancing plant diversity in different agricultural landscapes. Biological Conservation, 2014, 169, 206-213.	1.9	70
94	Political Systems Affect Mobile and Sessile Species Diversity â€“ A Legacy from the Post-WWII Period. PLoS ONE, 2014, 9, e103367.	1.1	8
95	Historical habitat connectivity affects current genetic structure in a grassland species. Plant Biology, 2013, 15, 195-202.	1.8	44
96	Grassland connectivity by motor vehicles and grazing livestock. Ecography, 2013, 36, 1150-1157.	2.1	29
97	Moving towards the edge: matrix matters!. Journal of Vegetation Science, 2013, 24, 7-8.	1.1	2
98	Ecological niche shifts of understorey plants along a latitudinal gradient of temperate forests in northâ€western <scp>E</scp>urope. Global Ecology and Biogeography, 2013, 22, 1130-1140.	2.7	53
99	Temporal dispersal in fragmented landscapes. Biological Conservation, 2013, 160, 250-262.	1.9	41
100	Climatic control of forest herb seed banks along a latitudinal gradient. Global Ecology and Biogeography, 2013, 22, 1106-1117.	2.7	24
101	Effects of mating system on adaptive potential for leaf morphology in Crepis tectorum (Asteraceae). Annals of Botany, 2013, 112, 947-955.	1.4	3
102	Humans as Long-Distance Dispersers of Rural Plant Communities. PLoS ONE, 2013, 8, e62763.	1.1	42
103	The response of forest plant regeneration to temperature variation along a latitudinal gradient. Annals of Botany, 2012, 109, 1037-1046.	1.4	41
104	Outside the boundary â€“ Land use changes in the surroundings of urban nature reserves. Applied Geography, 2012, 32, 350-359.	1.7	35
105	Does inbreeding promote evolutionary reduction of flower size? Experimental evidence from Crepis tectorum (Asteraceae). American Journal of Botany, 2012, 99, 1388-1398.	0.8	12
106	Landscape structure and land use history influence changes in island plant composition after 100â€ƒyears. Journal of Biogeography, 2012, 39, 1645-1656.	1.4	52
107	Landscape context and management regime structure plant diversity in grassland communities. Journal of Ecology, 2012, 100, 1164-1173.	1.9	24
108	Grazing networks provide useful functional connectivity for plants in fragmented systems. Journal of Vegetation Science, 2012, 23, 970-977.	1.1	31

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109	Interregional variation in the floristic recovery of postâ€agricultural forests. Journal of Ecology, 2011, 99, 600-609.	1.9	50
110	Detection of extinction debt depends on scale and specialisation. Biological Conservation, 2011, 144, 782-787.	1.9	61
111	A latitudinal gradient in seed nutrients of the forest herb Anemone nemorosa. Plant Biology, 2011, 13, 493-501.	1.8	31
112	Past and present management influences the seed bank and seed rain in a rural landscape mosaic. Journal of Applied Ecology, 2011, 48, 1278-1285.	1.9	49
113	Temperature effects on forest herbs assessed by warming and transplant experiments along a latitudinal gradient. Global Change Biology, 2011, 17, 3240-3253.	4.2	112
114	An intraspecific application of the leaf-height-seed ecology strategy scheme to forest herbs along a latitudinal gradient. Ecography, 2011, 34, 132-140.	2.1	41
115	The structuring of quantitative genetic variation in a fragmented population of Briza media (Poaceae). Evolutionary Ecology, 2011, 25, 509-523.	0.5	7
116	Remnant Populations and Plant Functional Traits in Abandoned Semi-Natural Grasslands. Folia Geobotanica, 2011, 46, 165-179.	0.4	54
117	Quantitative Genetic Effects of Bottlenecks: Experimental Evidence from a Wild Plant Species, Nigella degenii. Journal of Heredity, 2010, 101, 298-307.	1.0	11
118	Significant effects of temperature on the reproductive output of the forest herb Anemone nemorosa L.. Forest Ecology and Management, 2010, 259, 809-817.	1.4	41
119	Genetic adaptation to soil acidification: experimental evidence from four grass species. Evolutionary Ecology, 2009, 23, 963-978.	0.5	10
120	Dispersal and establishment limitation reduces the potential for successful restoration of semiâ€natural grassland communities on former arable fields. Journal of Applied Ecology, 2009, 46, 1266-1274.	1.9	140
121	Extinction debt in fragmented grasslands: paid or not?. Journal of Vegetation Science, 2009, 20, 3-7.	1.1	106
122	Investigating biodiversity trajectories using scenarios â€“ Lessons from two contrasting agricultural landscapes. Journal of Environmental Management, 2009, 91, 499-508.	3.8	23
123	Landscape history and soil properties affect grassland decline and plant species richness in rural landscapes. Biological Conservation, 2009, 142, 2752-2758.	1.9	65
124	Land use history and site location are more important for grassland species richness than local soil properties. Nordic Journal of Botany, 2009, 27, 483-489.	0.2	23
125	Impact of long-term nitrogen addition on carbon stocks in trees and soils in northern Europe. Biogeochemistry, 2008, 89, 121-137.	1.7	274
126	After the hotspots are gone: Land use history and grassland plant species diversity in a strongly transformed agricultural landscape. Applied Vegetation Science, 2008, 11, 365-374.	0.9	68

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127	A landscape perspective on conservation of semi-natural grasslands. Agriculture, Ecosystems and Environment, 2008, 125, 213-222.	2.5	101
128	The influence of field shape, area and surrounding landscape on plant species richness in grazed ex-fields. Biological Conservation, 2008, 141, 126-135.	1.9	71
129	Remnant grassland habitats as source communities for plant diversification in agricultural landscapes. Biological Conservation, 2008, 141, 233-240.	1.9	63
130	Size and heterogeneity rather than landscape context determine plant species richness in semiâ€natural grasslands. Journal of Vegetation Science, 2007, 18, 859-868.	1.1	82
131	Effects of historical and present fragmentation on plant species diversity in semi-natural grasslands in Swedish rural landscapes. Landscape Ecology, 2007, 22, 723-730.	1.9	125
132	Plant species richness in midfield islets and road verges â€“ The effect of landscape fragmentation. Biological Conservation, 2006, 127, 500-509.	1.9	126
133	COMPARATIVE ANALYSES OF POPULATION STRUCTURE IN TWO SUBSPECIES OF NIGELLA DEGENII : EVIDENCE FOR DIVERSIFYING SELECTION ON POLLENâ€COLOR DIMORPHISMS. Evolution; International Journal of Organic Evolution, 2006, 60, 518-528.	1.1	25
134	Long-term spatial dynamics of Succisa pratensis in a changing rural landscape: linking dynamical modelling with historical maps. Journal of Ecology, 2006, 94, 131-143.	1.9	72
135	The potential for selection on pollen colour dimorphisms in Nigella degenii: morph-specific differences in pollinator visitation, fertilisation success and siring ability. Evolutionary Ecology, 2006, 20, 291-306.	0.5	18
136	The History (1620-2003) of Land Use, People and Livestock, and the Relationship to Present Plant Species Diversity in a Rural Landscape in Sweden. Environment and History, 2006, 12, 191-212.	0.1	61
137	Plant species response to land use change -Campanula rotundifolia,Primula verisandRhinanthus minor. Ecography, 2005, 28, 29-36.	2.1	34
138	Allozyme diversity and genetic structure of marginal and central populations of Corylus avellana L. (Betulaceae) in Europe. Plant Systematics and Evolution, 2004, 244, 157-179.	0.3	36
139	Assessing changes in plant distribution patternsâ€”indicator species versus plant functional types. Ecological Indicators, 2004, 4, 17-27.	2.6	41
140	Sex-allocation trade-offs in Nigella sativa (Ranunculaceae) examined with flower manipulation experiments. Evolutionary Ecology, 2003, 17, 125-138.	0.5	7
141	Title is missing!. Landscape Ecology, 2003, 18, 315-332.	1.9	73
142	Inbreeding depression in a rare plant, Scabiosa canescens (Dipsacaceae). Hereditas, 2002, 136, 207-211.	0.5	14
143	Reconstructing past land use and vegetation patterns using palaeogeographical and archaeological data. Landscape and Urban Planning, 2002, 61, 1-18.	3.4	36
144	Landâ€use history and fragmentation of traditionally managed grasslands in Scandinavia. Journal of Vegetation Science, 2002, 13, 743-748.	1.1	254

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145	Title is missing!. Landscape Ecology, 2002, 17, 517-529.	1.9	171
146	Land-use history and fragmentation of traditionally managed grasslands in Scandinavia. Journal of Vegetation Science, 2002, 13, 743.	1.1	33
147	Title is missing!. , 2001, 16, 41-54.		196
148	Plant species occurrences in a rural hemiboreal landscape: effects of remnant habitats, site history, topography and soil. Ecography, 2001, 24, 461-469.	2.1	25
149	Plant species occurrences in a rural hemiboreal landscape: effects of remnant habitats, site history, topography and soil. Ecography, 2001, 24, 461-469.	2.1	105
150	Calcium content of liming material and its effect on sulphur release in a coniferous forest soil. Biogeochemistry, 2000, 50, 1-20.	1.7	17
151	The 1997 Flash Flood at Mount Fulufjallet, West Central Sweden: Geomorphic and Vegetational Investigations Of Stora Goljan Valley. Geografiska Annaler, Series A: Physical Geography, 1999, 81, 369-382.	0.6	3
152	A methodological study for biotope and landscape mapping based on CIR aerial photographs. Landscape and Urban Planning, 1998, 41, 183-192.	3.4	42