

Anke Jentsch

List of Publications by Year in descending order

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Version: 2024-02-01

170
papers

12,539
citations

34076

52
h-index

29127

104
g-index

178
all docs

178
docs citations

178
times ranked

15914
citing authors

#	ARTICLE	IF	CITATIONS
1	LOTVS: A global collection of permanent vegetation plots. <i>Journal of Vegetation Science</i> , 2022, 33, .	1.1	4
2	Global maps of soil temperature. <i>Global Change Biology</i> , 2022, 28, 3110-3144.	4.2	113
3	Interspecific trait variability and local soil conditions modulate grassland model community responses to climate. <i>Ecology and Evolution</i> , 2022, 12, e8513.	0.8	1
4	Transformation archetypes in global food systems. <i>Sustainability Science</i> , 2022, 17, 1827-1840.	2.5	8
5	Impact of Volcanic Sulfur Emissions on the Pine Forest of La Palma, Spain. <i>Forests</i> , 2022, 13, 299.	0.9	9
6	Field experiments underestimate aboveground biomass response to drought. <i>Nature Ecology and Evolution</i> , 2022, 6, 540-545.	3.4	30
7	Geodiversity and biodiversity on a volcanic island: the role of scattered phonolites for plant diversity and performance. <i>Biogeosciences</i> , 2022, 19, 1691-1703.	1.3	2
8	Nitrogen but not phosphorus addition affects symbiotic N ₂ fixation by legumes in natural and semi-natural grasslands located on four continents. <i>Plant and Soil</i> , 2022, 478, 689-707.	1.8	11
9	Root-Associated Mycobiomes of Common Temperate Plants (<i>Calluna vulgaris</i> and <i>Holcus lanatus</i>) Are Strongly Affected by Winter Climate Conditions. <i>Microbial Ecology</i> , 2021, 82, 403-415.	1.4	3
10	Fertilized graminoids intensify negative drought effects on grassland productivity. <i>Global Change Biology</i> , 2021, 27, 2441-2457.	4.2	39
11	Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. <i>Ecology</i> , 2021, 102, e03332.	1.5	74
12	High Land-Use Intensity Diminishes Stability of Forage Provision of Mountain Pastures under Future Climate Variability. <i>Agronomy</i> , 2021, 11, 910.	1.3	4
13	Human impact, climate and dispersal strategies determine plant invasion on islands. <i>Journal of Biogeography</i> , 2021, 48, 1889-1903.	1.4	23
14	sPlotOpen – An environmentally balanced, open access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	2.7	49
15	Vascular epiphyte diversity and host tree architecture in two forest management types in the Himalaya. <i>Global Ecology and Conservation</i> , 2021, 27, e01544.	1.0	8
16	Determinants of community compositional change are equally affected by global change. <i>Ecology Letters</i> , 2021, 24, 1892-1904.	3.0	27
17	Drought effects on montane grasslands nullify benefits of advanced flowering phenology due to warming. <i>Ecosphere</i> , 2021, 12, e03661.	1.0	7
18	Benchmarking plant diversity of Palaeartic grasslands and other open habitats. <i>Journal of Vegetation Science</i> , 2021, 32, e13050.	1.1	34

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19	Disentangling climate from soil nutrient effects on plant biomass production using a multispecies phytometer. <i>Ecosphere</i> , 2021, 12, e03719.	1.0	5
20	Changes in species abundances with short-term and long-term nitrogen addition are mediated by stoichiometric homeostasis. <i>Plant and Soil</i> , 2021, 469, 39-48.	1.8	10
21	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. <i>Ecology and Evolution</i> , 2021, 11, 17744-17761.	0.8	8
22	Impacts of Forest Fire on Understory Species Diversity in Canary Pine Ecosystems on the Island of La Palma. <i>Forests</i> , 2021, 12, 1638.	0.9	4
23	Understanding ecosystems of the future will require more than realistic climate change experiments – A response to Korell et al.. <i>Global Change Biology</i> , 2020, 26, e6-e7.	4.2	12
24	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). <i>Methods in Ecology and Evolution</i> , 2020, 11, 22-37.	2.2	68
25	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
26	Not a melting pot: Plant species aggregate in their non-native range. <i>Global Ecology and Biogeography</i> , 2020, 29, 482-490.	2.7	16
27	Monitoring and predictive mapping of floristic biodiversity along a climatic gradient in ENSO's terrestrial core region, NW Peru. <i>Ecography</i> , 2020, 43, 1878-1890.	2.1	3
28	Towards a bridging concept for undesirable resilience in social-ecological systems. <i>Global Sustainability</i> , 2020, 3, .	1.6	33
29	Vegetation traits of pre-Alpine grasslands in southern Germany. <i>Scientific Data</i> , 2020, 7, 316.	2.4	7
30	The Ecology of Disturbance Interactions. <i>BioScience</i> , 2020, 70, 854-870.	2.2	60
31	Intensive slurry management and climate change promote nitrogen mining from organic matter-rich montane grassland soils. <i>Plant and Soil</i> , 2020, 456, 81-98.	1.8	10
32	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.	3.3	113
33	Assessing the Potential Replacement of Laurel Forest by a Novel Ecosystem in the Steep Terrain of an Oceanic Island. <i>Remote Sensing</i> , 2020, 12, 4013.	1.8	5
34	Distribution, use, trade and conservation of <i>Paris polyphylla</i> Sm. in Nepal. <i>Global Ecology and Conservation</i> , 2020, 23, e01081.	1.0	22
35	Diversification in evolutionary arenas – Assessment and synthesis. <i>Ecology and Evolution</i> , 2020, 10, 6163-6182.	0.8	43
36	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.	1.1	15

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37	Climate change, ecosystems and abrupt change: science priorities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190105.	1.8	169
38	Invader presence disrupts the stabilizing effect of species richness in plant community recovery after drought. <i>Global Change Biology</i> , 2020, 26, 3539-3551.	4.2	20
39	Predicting forage quality of species-rich pasture grasslands using vis-NIRS to reveal effects of management intensity and climate change. <i>Agriculture, Ecosystems and Environment</i> , 2020, 296, 106929.	2.5	33
40	Fragmentary Blue: Resolving the Rarity Paradox in Flower Colors. <i>Frontiers in Plant Science</i> , 2020, 11, 618203.	1.7	16
41	Global change effects on plant communities are magnified by time and the number of global change factors imposed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17867-17873.	3.3	141
42	Winter warming is ecologically more relevant than summer warming in a cool-temperate grassland. <i>Scientific Reports</i> , 2019, 9, 14632.	1.6	36
43	Low resistance of montane and alpine grasslands to abrupt changes in temperature and precipitation regimes. <i>Arctic, Antarctic, and Alpine Research</i> , 2019, 51, 215-231.	0.4	32
44	Spatiotemporal dynamics of plant diversity and endemism during primary succession on an oceanic volcanic island. <i>Journal of Vegetation Science</i> , 2019, 30, 587-598.	1.1	8
45	A theory of pulse dynamics and disturbance in ecology. <i>Ecology</i> , 2019, 100, e02734.	1.5	165
46	Invasion windows for a global legume invader are revealed after joint examination of abiotic and biotic filters. <i>Plant Biology</i> , 2019, 21, 832-843.	1.8	9
47	Editorial: Responses to Climate Change in the Cold Biomes. <i>Frontiers in Plant Science</i> , 2019, 10, 347.	1.7	2
48	Influence of rewetting on microbial communities involved in nitrification and denitrification in a grassland soil after a prolonged drought period. <i>Scientific Reports</i> , 2019, 9, 2280.	1.6	19
49	Tree species diversity in relation to environmental variables and disturbance gradients in a northeastern forest in Bangladesh. <i>Journal of Forestry Research</i> , 2019, 30, 2143-2150.	1.7	4
50	Seasonal Effects of Extreme Weather Events on Potential Extracellular Enzyme Activities in a Temperate Grassland Soil. <i>Frontiers in Environmental Science</i> , 2019, 6, .	1.5	17
51	Increased Soil Frost Versus Summer Drought as Drivers of Plant Biomass Responses to Reduced Precipitation: Results from a Globally Coordinated Field Experiment. <i>Ecosystems</i> , 2018, 21, 1432-1444.	1.6	18
52	Factors influencing seedling emergence of three global invaders in greenhouses representing major eco regions of the world. <i>Plant Biology</i> , 2018, 20, 610-618.	1.8	7
53	Phenological Sensitivity of Early and Late Flowering Species Under Seasonal Warming and Altered Precipitation in a Seminatural Temperate Grassland Ecosystem. <i>Ecosystems</i> , 2018, 21, 1306-1320.	1.6	15
54	Mean annual precipitation predicts primary production resistance and resilience to extreme drought. <i>Science of the Total Environment</i> , 2018, 636, 360-366.	3.9	109

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55	Intraspecific variation in response to magnitude and frequency of freeze-thaw cycles in a temperate grass. <i>AoB PLANTS</i> , 2018, 10, plx068.	1.2	5
56	Short-term carbon dynamics in a temperate grassland and heathland ecosystem exposed to 104 days of drought followed by irrigation. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 41-62.	0.5	7
57	Patterns and drivers of biodiversity–stability relationships under climate extremes. <i>Journal of Ecology</i> , 2018, 106, 890-902.	1.9	83
58	Global trait–environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , 2018, 2, 1906-1917.	3.4	397
59	A novel dendroecological method finds a non-linear relationship between elevation and seasonal growth continuity on an island with trade wind-influenced water availability. <i>AoB PLANTS</i> , 2018, 10, ply070.	1.2	8
60	Invasion of a Legume Ecosystem Engineer in a Cold Biome Alters Plant Biodiversity. <i>Frontiers in Plant Science</i> , 2018, 9, 715.	1.7	17
61	Multiple facets of biodiversity drive the diversity–stability relationship. <i>Nature Ecology and Evolution</i> , 2018, 2, 1579-1587.	3.4	296
62	Effects of extreme drought on specific leaf area of grassland species: A meta-analysis of experimental studies in temperate and sub-Mediterranean systems. <i>Global Change Biology</i> , 2017, 23, 2473-2481.	4.2	165
63	Plant community composition affects the species biogeochemical niche. <i>Ecosphere</i> , 2017, 8, e01801.	1.0	42
64	Importance of Seasonality for the Response of a Mesic Temperate Grassland to Increased Precipitation Variability and Warming. <i>Ecosystems</i> , 2017, 20, 1454-1467.	1.6	29
65	Drivers for plant species diversity in a characteristic tropical forest landscape in Bangladesh. <i>Landscape Research</i> , 2017, 42, 89-105.	0.7	4
66	Plant invasion and speciation along elevational gradients on the oceanic island La Palma, Canary Islands. <i>Ecology and Evolution</i> , 2017, 7, 771-779.	0.8	24
67	Drought inhibits synergistic interactions of native and exotic litter mixtures during decomposition in temperate grasslands. <i>Plant and Soil</i> , 2017, 415, 257-268.	1.8	13
68	Grassland experiments under climatic extremes: Reproductive fitness versus biomass. <i>Environmental and Experimental Botany</i> , 2017, 144, 68-75.	2.0	16
69	Asynchrony among local communities stabilises ecosystem function of metacommunities. <i>Ecology Letters</i> , 2017, 20, 1534-1545.	3.0	136
70	Species richness effects on grassland recovery from drought depend on community productivity in a multisite experiment. <i>Ecology Letters</i> , 2017, 20, 1405-1413.	3.0	82
71	Repeated annual drought has minor long-term influence on $\delta^{13}C$ and alkane composition of plant and soil in model grassland and heathland ecosystems. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 516-527.	1.1	4
72	An island view of endemic rarity—Environmental drivers and consequences for nature conservation. <i>Diversity and Distributions</i> , 2017, 23, 1132-1142.	1.9	26

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73	Homogenizing and diversifying effects of intensive agricultural land-use on plant species beta diversity in Central Europe – A call to adapt our conservation measures. <i>Science of the Total Environment</i> , 2017, 576, 225-233.	3.9	44
74	Drought Effects in Climate Change Manipulation Experiments: Quantifying the Influence of Ambient Weather Conditions and Rain-out Shelter Artifacts. <i>Ecosystems</i> , 2017, 20, 301-315.	1.6	41
75	Pushing precipitation to the extremes in distributed experiments: recommendations for simulating wet and dry years. <i>Global Change Biology</i> , 2017, 23, 1774-1782.	4.2	132
76	Topography-driven isolation, speciation and a global increase of endemism with elevation. <i>Global Ecology and Biogeography</i> , 2016, 25, 1097-1107.	2.7	243
77	Distribution ranges and spring phenology explain late frost sensitivity in 170 woody plants from the Northern Hemisphere. <i>Global Ecology and Biogeography</i> , 2016, 25, 1061-1071.	2.7	51
78	Transgenerational effects of extreme weather: perennial plant offspring show modified germination, growth and stoichiometry. <i>Journal of Ecology</i> , 2016, 104, 1032-1040.	1.9	37
79	Effects of extreme weather events and legume presence on mycorrhization of <i>Plantago lanceolata</i> and <i>Holcus lanatus</i> in the field. <i>Plant Biology</i> , 2016, 18, 262-270.	1.8	17
80	Patterns of island treeline elevation – a global perspective. <i>Ecography</i> , 2016, 39, 427-436.	2.1	36
81	Shifting Impacts of Climate Change. <i>Advances in Ecological Research</i> , 2016, 55, 437-473.	1.4	36
82	On the influence of provenance to soil quality enhanced stress reaction of young beech trees to summer drought. <i>Ecology and Evolution</i> , 2016, 6, 8276-8290.	0.8	8
83	Ecotype-specific improvement of nitrogen status in European grasses after drought combined with rewetting. <i>Acta Oecologica</i> , 2016, 77, 118-127.	0.5	3
84	Plant diversity effects on grassland productivity are robust to both nutrient enrichment and drought. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150277.	1.8	169
85	How to differentiate facilitation and environmentally driven coexistence. <i>Journal of Vegetation Science</i> , 2016, 27, 1071-1079.	1.1	19
86	How plot shape and spatial arrangement affect plant species richness counts: implications for sampling design and rarefaction analyses. <i>Journal of Vegetation Science</i> , 2016, 27, 692-703.	1.1	38
87	Response to Comment on “Worldwide evidence of a unimodal relationship between productivity and plant species richness” <i>Science</i> , 2016, 351, 457-457.	6.0	5
88	Plant responses to climatic extremes: within-species variation equals among-species variation. <i>Global Change Biology</i> , 2016, 22, 449-464.	4.2	54
89	Climate vs. topography – spatial patterns of plant species diversity and endemism on a high-elevation island. <i>Journal of Ecology</i> , 2015, 103, 1621-1633.	1.9	124
90	Spatial and ecological population genetic structures within two island-endemic <i>Aeonium</i> species of different niche width. <i>Ecology and Evolution</i> , 2015, 5, 4327-4344.	0.8	7

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91	Distributional patterns of endemic, native and alien species along a roadside elevation gradient in Tenerife, Canary Islands. <i>Community Ecology</i> , 2015, 16, 223-234.	0.5	40
92	Holocene re-colonisation, central-marginal distribution and habitat specialisation shape population genetic patterns within an Atlantic European grass species. <i>Plant Biology</i> , 2015, 17, 684-693.	1.8	8
93	Plant community composition is a crucial factor for heath performance under precipitation extremes. <i>Journal of Vegetation Science</i> , 2015, 26, 975-984.	1.1	15
94	Unveiling Undercover Cropland Inside Forests Using Landscape Variables: A Supplement to Remote Sensing Image Classification. <i>PLoS ONE</i> , 2015, 10, e0130079.	1.1	3
95	Response to Comment on "Worldwide evidence of a unimodal relationship between productivity and plant species richness". <i>Science</i> , 2015, 350, 1177-1177.	6.0	9
96	A Comparison of Genetic Diversity and Phenotypic Plasticity among European Beech (<i>Fagus sylvatica</i>) Populations: A Case Study of a Population in the Alps. <i>International Journal of Plant Sciences</i> , 2015, 176, 232-244.	0.6	32
97	Nitrogen leaching is enhanced after a winter warm spell but mainly controlled by vegetation composition in temperate zone mesocosms. <i>Plant and Soil</i> , 2015, 396, 85-96.	1.8	6
98	Worldwide evidence of a unimodal relationship between productivity and plant species richness. <i>Science</i> , 2015, 349, 302-305.	6.0	315
99	Warming differentially influences the effects of drought on stoichiometry and metabolomics in shoots and roots. <i>New Phytologist</i> , 2015, 207, 591-603.	3.5	109
100	Global Change Experiments: Challenges and Opportunities. <i>BioScience</i> , 2015, 65, 922-931.	2.2	93
101	Biodiversity increases the resistance of ecosystem productivity to climate extremes. <i>Nature</i> , 2015, 526, 574-577.	13.7	1,032
102	Shifts in the elemental composition of plants during a very severe drought. <i>Environmental and Experimental Botany</i> , 2015, 111, 63-73.	2.0	50
103	Ecosystem engineer unleashed: <i>Prosopis juliflora</i> threatening ecosystem services?. <i>Regional Environmental Change</i> , 2015, 15, 155-167.	1.4	67
104	Increased winter soil temperature variability enhances nitrogen cycling and soil biotic activity in temperate heathland and grassland mesocosms. <i>Biogeosciences</i> , 2014, 11, 7051-7060.	1.3	17
105	Extreme weather events and plant-plant interactions: shifts between competition and facilitation among grassland species in the face of drought and heavy rainfall. <i>Ecological Research</i> , 2014, 29, 991-1001.	0.7	90
106	Burned and Devoured-Introduced Herbivores, Fire, and the Endemic Flora of the High-Elevation Ecosystem on La Palma, Canary Islands. <i>Arctic, Antarctic, and Alpine Research</i> , 2014, 46, 859-869.	0.4	31
107	Local adaptations to frost in marginal and central populations of the dominant forest tree <i>Fagus sylvatica</i> , as affected by temperature and extreme drought in common garden experiments. <i>Ecology and Evolution</i> , 2014, 4, 594-605.	0.8	97
108	The last decade in ecological climate change impact research: where are we now?. <i>Die Naturwissenschaften</i> , 2014, 101, 1-9.	0.6	15

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109	Climatic extremes lead to species-specific legume facilitation in an experimental temperate grassland. <i>Plant and Soil</i> , 2014, 379, 161-175.	1.8	30
110	Different reactions of central and marginal provenances of <i>Fagus sylvatica</i> to experimental drought. <i>European Journal of Forest Research</i> , 2014, 133, 247-260.	1.1	74
111	Beyond realism in climate change experiments: gradient approaches identify thresholds and tipping points. <i>Ecology Letters</i> , 2014, 17, 125.	3.0	71
112	What drives plant species diversity? A global distributed test of the unimodal relationship between herbaceous species richness and plant biomass. <i>Journal of Vegetation Science</i> , 2014, 25, 1160-1166.	1.1	23
113	Winter warming pulses differently affect plant performance in temperate heathland and grassland communities. <i>Ecological Research</i> , 2014, 29, 561-570.	0.7	21
114	The relationship between the spectral diversity of satellite imagery, habitat heterogeneity, and plant species richness. <i>Ecological Informatics</i> , 2014, 24, 160-168.	2.3	35
115	Recurrent Mild Drought Events Increase Resistance Toward Extreme Drought Stress. <i>Ecosystems</i> , 2014, 17, 1068-1081.	1.6	89
116	Warming and drought do not influence the palatability of <i>Quercus pubescens</i> Willd. leaves of four European provenances. <i>Arthropod-Plant Interactions</i> , 2014, 8, 329.	0.5	9
117	The Hitchhiker's guide to island endemism: biodiversity and endemic perennial plant species in roadside and surrounding vegetation. <i>Biodiversity and Conservation</i> , 2014, 23, 2273-2287.	1.2	16
118	Water stress due to increased intra-annual precipitation variability reduced forage yield but raised forage quality of a temperate grassland. <i>Agriculture, Ecosystems and Environment</i> , 2014, 186, 11-22.	2.5	93
119	Toward a better integration of biological data from precipitation manipulation experiments into Earth system models. <i>Reviews of Geophysics</i> , 2014, 52, 412-434.	9.0	39
120	Opposite metabolic responses of shoots and roots to drought. <i>Scientific Reports</i> , 2014, 4, 6829.	1.6	170
121	A transplantation experiment along climatic gradients suggests limitations of experimental warming manipulations. <i>Climate Research</i> , 2014, 60, 63-71.	0.4	2
122	Absence of soil frost affects plant-soil interactions in temperate grasslands. <i>Plant and Soil</i> , 2013, 371, 559-572.	1.8	17
123	Recurring weather extremes alter the flowering phenology of two common temperate shrubs. <i>International Journal of Biometeorology</i> , 2013, 57, 579-588.	1.3	38
124	<i>Papaver croceum</i> Ledeb.: a rare example of an alien species in alpine environments of the Upper Engadine, Switzerland. <i>Alpine Botany</i> , 2013, 123, 21-30.	1.1	6
125	Do environmental attributes, disturbances and protection regimes determine the distribution of exotic plant species in Bangladesh forest ecosystem?. <i>Forest Ecology and Management</i> , 2013, 303, 72-80.	1.4	42
126	Ecological stress memory and cross stress tolerance in plants in the face of climate extremes. <i>Environmental and Experimental Botany</i> , 2013, 94, 3-8.	2.0	283

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127	Combined effects of multifactor climate change and land-use on decomposition in temperate grassland. <i>Soil Biology and Biochemistry</i> , 2013, 60, 10-18.	4.2	63
128	Soil moisture change caused by experimental extreme summer drought is similar to natural interannual variation in a loamy sand in Central Europe. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 27-34.	1.1	18
129	Mosses Like It Rough? Growth Form Specific Responses of Mosses, Herbaceous and Woody Plants to Micro-Relief Heterogeneity. <i>Diversity</i> , 2012, 4, 59-73.	0.7	14
130	A continental comparison indicates long-term effects of forest management on understory diversity in coniferous forests¹This article is one of a selection of papers from the 7th International Conference on Disturbance Dynamics in Boreal Forests.. <i>Canadian Journal of Forest Research</i> , 2012, 42, 1239-1252.	0.8	10
131	Drought responses of <i>Arrhenatherum elatius</i> grown in plant assemblages of varying species richness. <i>Acta Oecologica</i> , 2012, 39, 11-17.	0.5	9
132	Uniform drought and warming responses in <i>Pinus nigra</i> provenances despite specific overall performances. <i>Forest Ecology and Management</i> , 2012, 270, 200-208.	1.4	41
133	A systematic approach to relate plant-species diversity to land use diversity across landscapes. <i>Landscape and Urban Planning</i> , 2012, 107, 236-244.	3.4	9
134	Late frost sensitivity of juvenile <i>Fagus sylvatica</i> L. differs between southern Germany and Bulgaria and depends on preceding air temperature. <i>European Journal of Forest Research</i> , 2012, 131, 717-725.	1.1	76
135	Increased rainfall variability reduces biomass and forage quality of temperate grassland largely independent of mowing frequency. <i>Agriculture, Ecosystems and Environment</i> , 2012, 148, 1-10.	2.5	69
136	Cold hardiness of <i>Pinus nigra</i> Arnold as influenced by geographic origin, warming, and extreme summer drought. <i>Environmental and Experimental Botany</i> , 2012, 78, 99-108.	2.0	79
137	An 11-yr exclosure experiment in a high-elevation island ecosystem: introduced herbivore impact on shrub species richness, seedling recruitment and population dynamics. <i>Journal of Vegetation Science</i> , 2012, 23, 1114-1125.	1.1	24
138	Geographic origin and past climatic experience influence the response to late spring frost in four common grass species in central Europe. <i>Ecography</i> , 2012, 35, 268-275.	2.1	54
139	How do extreme drought and plant community composition affect host plant metabolites and herbivore performance?. <i>Arthropod-Plant Interactions</i> , 2012, 6, 15-25.	0.5	53
140	Winter warming pulses affect the development of planted temperate grassland and dwarf-shrub heath communities. <i>Plant Ecology and Diversity</i> , 2011, 4, 13-21.	1.0	24
141	Stochastic trajectories of succession initiated by extreme climatic events. <i>Ecology Letters</i> , 2011, 14, 758-764.	3.0	114
142	Ecotypes of European grass species respond differently to warming and extreme drought. <i>Journal of Ecology</i> , 2011, 99, 703-713.	1.9	110
143	Climate extremes initiate ecosystem-regulating functions while maintaining productivity. <i>Journal of Ecology</i> , 2011, 99, 689-702.	1.9	243
144	Assisted Colonization: A Question of Focal Units and Recipient Localities. <i>Restoration Ecology</i> , 2011, 19, 433-440.	1.4	84

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145	Do plants remember drought? Hints towards a drought-memory in grasses. <i>Environmental and Experimental Botany</i> , 2011, 71, 34-40.	2.0	273
146	Evidence for genetic differentiation and divergent selection in an autotetraploid forage grass (<i>Arrhenatherum elatius</i>). <i>Theoretical and Applied Genetics</i> , 2010, 120, 1151-1162.	1.8	34
147	Effects of soil freeze-thaw cycles differ between experimental plant communities. <i>Basic and Applied Ecology</i> , 2010, 11, 65-75.	1.2	69
148	Tracking Fires in India Using Advanced Along Track Scanning Radiometer (A)ATSR Data. <i>Remote Sensing</i> , 2010, 2, 591-610.	1.8	31
149	Vegetation pattern divergence between dry and wet season in a semiarid savanna – Spatio-temporal dynamics of plant diversity in northwest Namibia. <i>Journal of Arid Environments</i> , 2010, 74, 1516-1524.	1.2	16
150	Beyond gradual warming: extreme weather events alter flower phenology of European grassland and heath species. <i>Global Change Biology</i> , 2009, 15, 837-849.	4.2	190
151	Assessing Conservation Action for Substitution of Missing Dynamics on Former Military Training Areas in Central Europe. <i>Restoration Ecology</i> , 2009, 17, 107-116.	1.4	41
152	Soil biotic processes remain remarkably stable after 100-year extreme weather events in experimental grassland and heath. <i>Plant and Soil</i> , 2008, 308, 175-188.	1.8	77
153	Effects of Extreme Weather Events on Plant Productivity and Tissue Die-Back are Modified by Community Composition. <i>Ecosystems</i> , 2008, 11, 752-763.	1.6	132
154	Invasibility of grassland and heath communities exposed to extreme weather events – additive effects of diversity resistance and fluctuating physical environment. <i>Oikos</i> , 2008, 117, 1542-1554.	1.2	54
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