Anke Jentsch

List of Publications by Year
in descending order

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	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
2	Biodiversity increases the resistance of ecosystem productivity to climate extremes. Nature, 2015, 526, 574-577.	13.7	1,032
3	A new generation of climate-change experiments: events, not trends. Frontiers in Ecology and the Environment, 2007, 5, 365-374.	1.9	931
4	The Search for Generality in Studies of Disturbance and Ecosystem Dynamics. Progress in Botany Fortschritte Der Botanik, 2001, , 399-450.	0.1	419
5	Global traitâ€“environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	3.4	397
6	Worldwide evidence of a unimodal relationship between productivity and plant species richness. Science, 2015, 349, 302-305.	6.0	315
7	Research frontiers in climate change: Effects of extreme meteorological events on ecosystems. Comptes Rendus - Geoscience, 2008, 340, 621-628.	0.4	310
8	Multiple facets of biodiversity drive the diversityâ€“stability relationship. Nature Ecology and Evolution, 2018, 2, 1579-1587.	3.4	296
9	Ecological stress memory and cross stress tolerance in plants in the face of climate extremes. Environmental and Experimental Botany, 2013, 94, 3-8.	2.0	283
10	Do plants remember drought? Hints towards a drought-memory in grasses. Environmental and Experimental Botany, 2011, 71, 34-40.	2.0	273
11	Climate extremes initiate ecosystemâ€regulating functions while maintaining productivity. Journal of Ecology, 2011, 99, 689-702.	1.9	243
12	Topographyâ€driven isolation, speciation and a global increase of endemism with elevation. Global Ecology and Biogeography, 2016, 25, 1097-1107.	2.7	243
13	Beyond gradual warming: extreme weather events alter flower phenology of European grassland and heath species. Global Change Biology, 2009, 15, 837-849.	4.2	190
14	Environmental drivers of large, infrequent wildfires: the emerging conceptual model. Progress in Physical Geography, 2007, 31, 287-312.	1.4	181
15	Opposite metabolic responses of shoots and roots to drought. Scientific Reports, 2014, 4, 6829.	1.6	170
16	Plant diversity effects on grassland productivity are robust to both nutrient enrichment and drought. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150277.	1.8	169
17	Climate change, ecosystems and abrupt change: science priorities. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190105.	1.8	169
18	Effects of extreme drought on specific leaf area of grassland species: A metaâ€analysis of experimental studies in temperate and subâ€Mediterranean systems. Global Change Biology, 2017, 23, 2473-2481.	4.2	165

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19	A theory of pulse dynamics and disturbance in ecology. Ecology, 2019, 100, e02734.	1.5	165
20	Global change effects on plant communities are magnified by time and the number of global change factors imposed. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17867-17873.	3.3	141
21	Asynchrony among local communities stabilises ecosystem function of metacommunities. Ecology Letters, 2017, 20, 1534-1545.	3.0	136
22	Effects of Extreme Weather Events on Plant Productivity and Tissue Die-Back are Modified by Community Composition. Ecosystems, 2008, 11, 752-763.	1.6	132
23	Pushing precipitation to the extremes in distributed experiments: recommendations for simulating wet and dry years. Global Change Biology, 2017, 23, 1774-1782.	4.2	132
24	Climate vs. topography â€" spatial patterns of plant species diversity and endemism on a highâ€elevation island. Journal of Ecology, 2015, 103, 1621-1633.	1.9	124
25	Stochastic trajectories of succession initiated by extreme climatic events. Ecology Letters, 2011, 14, 758-764.	3.0	114
26	Synchrony matters more than species richness in plant community stability at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24345-24351.	3.3	113
27	Global maps of soil temperature. Global Change Biology, 2022, 28, 3110-3144.	4.2	113
28	Ecotypes of European grass species respond differently to warming and extreme drought. Journal of Ecology, 2011, 99, 703-713.	1.9	110
29	Warming differentially influences the effects of drought on stoichiometry and metabolomics in shoots and roots. New Phytologist, 2015, 207, 591-603.	3.5	109
30	Mean annual precipitation predicts primary production resistance and resilience to extreme drought. Science of the Total Environment, 2018, 636, 360-366.	3.9	109
31	Recurrent soil freezeâ€"thaw cycles enhance grassland productivity. New Phytologist, 2008, 177, 938-945.	3.5	100
32	Local adaptations to frost in marginal and central populations of the dominant forest tree <i><scp>F</scp>agus sylvatica </i><scp>L</scp>. as affected by temperature and extreme drought in common garden experiments. Ecology and Evolution, 2014, 4, 594-605.	0.8	97
33	Biodiversity and the Heterogeneous Disturbance Regime on Military Training Lands. Restoration Ecology, 2007, 15, 606-612.	1.4	96
34	Water stress due to increased intra-annual precipitation variability reduced forage yield but raised forage quality of a temperate grassland. Agriculture, Ecosystems and Environment, 2014, 186, 11-22.	2.5	93
35	Global Change Experiments: Challenges and Opportunities. BioScience, 2015, 65, 922-931.	2.2	93
36	Extreme weather events and plantâ€"plant interactions: shifts between competition and facilitation among grassland species in the face of drought and heavy rainfall. Ecological Research, 2014, 29, 991-1001.	0.7	90

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37	Recurrent Mild Drought Events Increase Resistance Toward Extreme Drought Stress. Ecosystems, 2014, 17, 1068-1081.	1.6	89
38	Assisted Colonization: A Question of Focal Units and Recipient Localities. Restoration Ecology, 2011, 19, 433-440.	1.4	84
39	Patterns and drivers of biodiversityâ€"stability relationships under climate extremes. Journal of Ecology, 2018, 106, 890-902.	1.9	83
40	Species richness effects on grassland recovery from drought depend on community productivity in a multisite experiment. Ecology Letters, 2017, 20, 1405-1413.	3.0	82
41	Vegetation ecology of dry acidic grasslands in the lowland area of Central europe. Flora: Morphology, Distribution, Functional Ecology of Plants, 2003, 198, 3-25.	0.6	79
42	Cold hardiness of Pinus nigra Arnold as influenced by geographic origin, warming, and extreme summer drought. Environmental and Experimental Botany, 2012, 78, 99-108.	2.0	79
43	Soil biotic processes remain remarkably stable after 100-year extreme weather events in experimental grassland and heath. Plant and Soil, 2008, 308, 175-188.	1.8	77
44	Late frost sensitivity of juvenile Fagus sylvatica L. differs between southern Germany and Bulgaria and depends on preceding air temperature. European Journal of Forest Research, 2012, 131, 717-725.	1.1	76
45	Different reactions of central and marginal provenances of Fagus sylvatica to experimental drought. European Journal of Forest Research, 2014, 133, 247-260.	1.1	74
46	Biotic homogenization destabilizes ecosystem functioning by decreasing spatial asynchrony. Ecology, 2021, 102, e03332.	1.5	74
47	Beyond realism in climate change experiments: gradient approaches identify thresholds and tipping points. Ecology Letters, 2014, 17, 125.	3.0	71
48	Effects of soil freezeâ€"thaw cycles differ between experimental plant communities. Basic and Applied Ecology, 2010, 11, 65-75.	1.2	69
49	Increased rainfall variability reduces biomass and forage quality of temperate grassland largely independent of mowing frequency. Agriculture, Ecosystems and Environment, 2012, 148, 1-10.	2.5	69
50	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). Methods in Ecology and Evolution, 2020, 11, 22-37.	2.2	68
51	Ecosystem engineer unleashed: Prosopis juliflora threatening ecosystem services?. Regional Environmental Change, 2015, 15, 155-167.	1.4	67
52	Combined effects of multifactor climate change and land-use on decomposition in temperate grassland. Soil Biology and Biochemistry, 2013, 60, 10-18.	4.2	63
53	The Ecology of Disturbance Interactions. BioScience, 2020, 70, 854-870.	2.2	60
54	Invasibility of grassland and heath communities exposed to extreme weather events â€" additive effects of diversity resistance and fluctuating physical environment. Oikos, 2008, 117, 1542-1554.	1.2	54

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55	Geographic origin and past climatic experience influence the response to late spring frost in four common grass species in central Europe. Ecography, 2012, 35, 268-275.	2.1	54
56	Plant responses to climatic extremes: withinâ€species variation equals amongâ€species variation. Global Change Biology, 2016, 22, 449-464.	4.2	54
57	How do extreme drought and plant community composition affect host plant metabolites and herbivore performance?. Arthropod-Plant Interactions, 2012, 6, 15-25.	0.5	53
58	Distribution ranges and spring phenology explain late frost sensitivity in 170 woody plants from the Northern Hemisphere. Global Ecology and Biogeography, 2016, 25, 1061-1071.	2.7	51
59	Shifts in the elemental composition of plants during a very severe drought. Environmental and Experimental Botany, 2015, 111, 63-73.	2.0	50
60	sPlotOpen â€" An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	2.7	49
61	Homogenizing and diversifying effects of intensive agricultural land-use on plant species beta diversity in Central Europe â€" A call to adapt our conservation measures. Science of the Total Environment, 2017, 576, 225-233.	3.9	44
62	Diversification in evolutionary arenasâ€"Assessment and synthesis. Ecology and Evolution, 2020, 10, 6163-6182.	0.8	43
63	Do environmental attributes, disturbances and protection regimes determine the distribution of exotic plant species in Bangladesh forest ecosystem?. Forest Ecology and Management, 2013, 303, 72-80.	1.4	42
64	Plant community composition affects the species biogeochemical niche. Ecosphere, 2017, 8, e01801.	1.0	42
65	Assessing Conservation Action for Substitution of Missing Dynamics on Former Military Training Areas in Central Europe. Restoration Ecology, 2009, 17, 107-116.	1.4	41
66	Uniform drought and warming responses in Pinus nigra provenances despite specific overall performances. Forest Ecology and Management, 2012, 270, 200-208.	1.4	41
67	Drought Effects in Climate Change Manipulation Experiments: Quantifying the Influence of Ambient Weather Conditions and Rain-out Shelter Artifacts. Ecosystems, 2017, 20, 301-315.	1.6	41
68	Distributional patterns of endemic, native and alien species along a roadside elevation gradient in Tenerife, Canary Islands. Community Ecology, 2015, 16, 223-234.	0.5	40
69	Toward a better integration of biological data from precipitation manipulation experiments into Earth system models. Reviews of Geophysics, 2014, 52, 412-434.	9.0	39
70	Fertilized graminoids intensify negative drought effects on grassland productivity. Global Change Biology, 2021, 27, 2441-2457.	4.2	39
71	Recurring weather extremes alter the flowering phenology of two common temperate shrubs. International Journal of Biometeorology, 2013, 57, 579-588.	1.3	38
72	How plot shape and spatial arrangement affect plant species richness counts: implications for sampling design and rarefaction analyses. Journal of Vegetation Science, 2016, 27, 692-703.	1.1	38

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73	A single drought event of 100â€year recurrence enhances subsequent carbon uptake and changes carbon allocation in experimental grassland communities. Journal of Plant Nutrition and Soil Science, 2008, 171, 681-689.	1.1	37
74	Transgenerational effects of extreme weather: perennial plant offspring show modified germination, growth and stoichiometry. Journal of Ecology, 2016, 104, 1032-1040.	1.9	37
75	Soil crusts and disturbance benefit plant germination, establishment and growth on nutrient deficient sand. Basic and Applied Ecology, 2008, 9, 243-252.	1.2	36
76	Patterns of island treeline elevation â€“ a global perspective. Ecography, 2016, 39, 427-436.	2.1	36
77	Shifting Impacts of Climate Change. Advances in Ecological Research, 2016, 55, 437-473.	1.4	36
78	Winter warming is ecologically more relevant than summer warming in a cool-temperate grassland. Scientific Reports, 2019, 9, 14632.	1.6	36
79	The relationship between the spectral diversity of satellite imagery, habitat heterogeneity, and plant species richness. Ecological Informatics, 2014, 24, 160-168.	2.3	35
80	Evidence for genetic differentiation and divergent selection in an autotetraploid forage grass (Arrhenatherum elatius). Theoretical and Applied Genetics, 2010, 120, 1151-1162.	1.8	34
81	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. Journal of Vegetation Science, 2021, 32, e13050.	1.1	34
82	Towards a bridging concept for undesirable resilience in social-ecological systems. Global Sustainability, 2020, 3, .	1.6	33
83	Predicting forage quality of species-rich pasture grasslands using vis-NIRS to reveal effects of management intensity and climate change. Agriculture, Ecosystems and Environment, 2020, 296, 106929.	2.5	33
84	A Comparison of Genetic Diversity and Phenotypic Plasticity among European Beech (<i>Fagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Manipulation. International Journal of Plant Sciences, 2015, 176, 232-244.	0.6	32
85	Low resistance of montane and alpine grasslands to abrupt changes in temperature and precipitation regimes. Arctic, Antarctic, and Alpine Research, 2019, 51, 215-231.	0.4	32
86	Tracking Fires in India Using Advanced Along Track Scanning Radiometer (A)ATSR Data. Remote Sensing, 2010, 2, 591-610.	1.8	31
87	Burned and Devoured-Introduced Herbivores, Fire, and the Endemic Flora of the High-Elevation Ecosystem on La Palma, Canary Islands. Arctic, Antarctic, and Alpine Research, 2014, 46, 859-869.	0.4	31
88	Climatic extremes lead to species-specific legume facilitation in an experimental temperate grassland. Plant and Soil, 2014, 379, 161-175.	1.8	30
89	Field experiments underestimate aboveground biomass response to drought. Nature Ecology and Evolution, 2022, 6, 540-545.	3.4	30
90	The Challenge to Restore Processes in Face of Nonlinear Dynamics?On the Crucial Role of Disturbance Regimes. Restoration Ecology, 2007, 15, 334-339.	1.4	29

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91	Importance of Seasonality for the Response of a Mesic Temperate Grassland to Increased Precipitation Variability and Warming. Ecosystems, 2017, 20, 1454-1467.	1.6	29
92	Determinants of community compositional change are equally affected by global change. Ecology Letters, 2021, 24, 1892-1904.	3.0	27
93	An island view of endemic rarityâ€"Environmental drivers and consequences for nature conservation. Diversity and Distributions, 2017, 23, 1132-1142.	1.9	26
94	Global climate change and local disturbance regimes as interacting drivers for shifting altitudinal vegetation patterns. Erdkunde, 2003, 57, 216-231.	0.4	25
95	Predicting plant species richness and vegetation patterns in cultural landscapes using disturbance parameters. Agriculture, Ecosystems and Environment, 2007, 122, 446-452.	2.5	24
96	Winter warming pulses affect the development of planted temperate grassland and dwarf-shrub heath communities. Plant Ecology and Diversity, 2011, 4, 13-21.	1.0	24
97	An 11â€yr exclosure experiment in a highâ€elevation island ecosystem: introduced herbivore impact on shrub species richness, seedling recruitment and population dynamics. Journal of Vegetation Science, 2012, 23, 1114-1125.	1.1	24
98	Plant invasion and speciation along elevational gradients on the oceanic island La Palma, Canary Islands. Ecology and Evolution, 2017, 7, 771-779.	0.8	24
99	What drives plant species diversity? A global distributed test of the unimodal relationship between herbaceous species richness and plant biomass. Journal of Vegetation Science, 2014, 25, 1160-1166.	1.1	23
100	Human impact, climate and dispersal strategies determine plant invasion on islands. Journal of Biogeography, 2021, 48, 1889-1903.	1.4	23
101	Distribution, use, trade and conservation of Paris polyphylla Sm. in Nepal. Global Ecology and Conservation, 2020, 23, e01081.	1.0	22
102	Winter warming pulses differently affect plant performance in temperate heathland and grassland communities. Ecological Research, 2014, 29, 561-570.	0.7	21
103	Invader presence disrupts the stabilizing effect of species richness in plant community recovery after drought. Global Change Biology, 2020, 26, 3539-3551.	4.2	20
104	How to differentiate facilitation and environmentally driven coâ€existence. Journal of Vegetation Science, 2016, 27, 1071-1079.	1.1	19
105	Influence of rewetting on microbial communities involved in nitrification and denitrification in a grassland soil after a prolonged drought period. Scientific Reports, 2019, 9, 2280.	1.6	19
106	Soilâ€moisture change caused by experimental extreme summer drought is similar to natural interâ€annual variation in a loamy sand in Central Europe. Journal of Plant Nutrition and Soil Science, 2013, 176, 27-34.	1.1	18
107	Increased Soil Frost Versus Summer Drought as Drivers of Plant Biomass Responses to Reduced Precipitation: Results from a Globally Coordinated Field Experiment. Ecosystems, 2018, 21, 1432-1444.	1.6	18
108	Absence of soil frost affects plant-soil interactions in temperate grasslands. Plant and Soil, 2013, 371, 559-572.	1.8	17

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109	Increased winter soil temperature variability enhances nitrogen cycling and soil biotic activity in temperate heathland and grassland mesocosms. Biogeosciences, 2014, 11, 7051-7060.	1.3	17
110	Effects of extreme weather events and legume presence on mycorrhization of <i>Plantago lanceolata</i> and <i>Holcus lanatus</i> in the field. Plant Biology, 2016, 18, 262-270.	1.8	17
111	Invasion of a Legume Ecosystem Engineer in a Cold Biome Alters Plant Biodiversity. Frontiers in Plant Science, 2018, 9, 715.	1.7	17
112	Seasonal Effects of Extreme Weather Events on Potential Extracellular Enzyme Activities in a Temperate Grassland Soil. Frontiers in Environmental Science, 2019, 6, .	1.5	17
113	Vegetation pattern divergence between dry and wet season in a semiarid savanna â€“ Spatio-temporal dynamics of plant diversity in northwest Namibia. Journal of Arid Environments, 2010, 74, 1516-1524.	1.2	16
114	The Hitchhikerâ€™s guide to island endemism: biodiversity and endemic perennial plant species in roadside and surrounding vegetation. Biodiversity and Conservation, 2014, 23, 2273-2287.	1.2	16
115	Grassland experiments under climatic extremes: Reproductive fitness versus biomass. Environmental and Experimental Botany, 2017, 144, 68-75.	2.0	16
116	Not a melting pot: Plant species aggregate in their nonâ€native range. Global Ecology and Biogeography, 2020, 29, 482-490.	2.7	16
117	Fragmentary Blue: Resolving the Rarity Paradox in Flower Colors. Frontiers in Plant Science, 2020, 11, 618203.	1.7	16
118	The last decade in ecological climate change impact research: where are we now?. Die Naturwissenschaften, 2014, 101, 1-9.	0.6	15
119	Plant community composition is a crucial factor for heath performance under precipitation extremes. Journal of Vegetation Science, 2015, 26, 975-984.	1.1	15
120	Phenological Sensitivity of Early and Late Flowering Species Under Seasonal Warming and Altered Precipitation in a Seminatural Temperate Grassland Ecosystem. Ecosystems, 2018, 21, 1306-1320.	1.6	15
121	Directional trends in species composition over time can lead to a widespread overemphasis of yearâ€toâ€year asynchrony. Journal of Vegetation Science, 2020, 31, 792-802.	1.1	15
122	Mosses Like It Roughâ€"Growth Form Specific Responses of Mosses, Herbaceous and Woody Plants to Micro-Relief Heterogeneity. Diversity, 2012, 4, 59-73.	0.7	14
123	Drought inhibits synergistic interactions of native and exotic litter mixtures during decomposition in temperate grasslands. Plant and Soil, 2017, 415, 257-268.	1.8	13
124	Understanding ecosystems of the future will require more than realistic climate change experiments â€“ A response to Korell et al.. Global Change Biology, 2020, 26, e6-e7.	4.2	12
125	Nitrogen but not phosphorus addition affects symbiotic N2 fixation by legumes in natural and semi-natural grasslands located on four continents. Plant and Soil, 2022, 478, 689-707.	1.8	11
126	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.. Canadian Journal of Forest Research, 2012, 42, 1239-1252.	0.8	10

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127	Intensive slurry management and climate change promote nitrogen mining from organic matter-rich montane grassland soils. Plant and Soil, 2020, 456, 81-98.	1.8	10
128	Changes in species abundances with short-term and long-term nitrogen addition are mediated by stoichiometric homeostasis. Plant and Soil, 2021, 469, 39-48.	1.8	10
129	Ecological importance of species diversity.. , 2005, , 249-285.		10
130	Drought responses of Arrhenatherum elatius grown in plant assemblages of varying species richness. Acta Oecologica, 2012, 39, 11-17.	0.5	9
131	A systematic approach to relate plant-species diversity to land use diversity across landscapes. Landscape and Urban Planning, 2012, 107, 236-244.	3.4	9
132	Warming and drought do not influence the palatability of Quercus pubescens Willd. leaves of four European provenances. Arthropod-Plant Interactions, 2014, 8, 329.	0.5	9
133	Response to Comment on â€œWorldwide evidence of a unimodal relationship between productivity and plant species richnessâ€. Science, 2015, 350, 1177-1177.	6.0	9
134	Invasion windows for a global legume invader are revealed after joint examination of abiotic and biotic filters. Plant Biology, 2019, 21, 832-843.	1.8	9
135	Impact of Volcanic Sulfur Emissions on the Pine Forest of La Palma, Spain. Forests, 2022, 13, 299.	0.9	9
136	Holocene reâ€colonisation, centralâ€“marginal distribution and habitat specialisation shape population genetic patterns within an Atlantic European grass species. Plant Biology, 2015, 17, 684-693.	1.8	8
137	On the influence of provenance to soil quality enhanced stress reaction of young beech trees to summer drought. Ecology and Evolution, 2016, 6, 8276-8290.	0.8	8
138	A novel dendroecological method finds a non-linear relationship between elevation and seasonal growth continuity on an island with trade wind-influenced water availability. AoB PLANTS, 2018, 10, ply070.	1.2	8
139	Spatiotemporal dynamics of plant diversity and endemism during primary succession on an oceanicâ€volcanic island. Journal of Vegetation Science, 2019, 30, 587-598.	1.1	8
140	Vascular epiphyte diversity and host tree architecture in two forest management types in the Himalaya. Global Ecology and Conservation, 2021, 27, e01544.	1.0	8
141	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. Ecology and Evolution, 2021, 11, 17744-17761.	0.8	8
142	Transformation archetypes in global food systems. Sustainability Science, 2022, 17, 1827-1840.	2.5	8
143	Spatial and ecological population genetic structures within two islandâ€endemic Aeonium species of different niche width. Ecology and Evolution, 2015, 5, 4327-4344.	0.8	7
144	Factors influencing seedling emergence of three global invaders in greenhouses representing major ecoâ€regions of the world. Plant Biology, 2018, 20, 610-618.	1.8	7

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145	Short-term carbon dynamics in a temperate grassland and heathland ecosystem exposed to 104 days of drought followed by irrigation. Isotopes in Environmental and Health Studies, 2018, 54, 41-62.	0.5	7
146	Vegetation traits of pre-Alpine grasslands in southern Germany. Scientific Data, 2020, 7, 316.	2.4	7
147	Drought effects on montane grasslands nullify benefits of advanced flowering phenology due to warming. Ecosphere, 2021, 12, e03661.	1.0	7
148	Papaver croceum Ledeb.: a rare example of an alien species in alpine environments of the Upper Engadine, Switzerland. Alpine Botany, 2013, 123, 21-30.	1.1	6
149	Nitrogen leaching is enhanced after a winter warm spell but mainly controlled by vegetation composition in temperate zone mesocosms. Plant and Soil, 2015, 396, 85-96.	1.8	6
150	Response to Comment on â€œWorldwide evidence of a unimodal relationship between productivity and plant species richnessâ€• Science, 2016, 351, 457-457.	6.0	5
151	Intraspecific variation in response to magnitude and frequency of freeze-thaw cycles in a temperate grass. AoB PLANTS, 2018, 10, plx068.	1.2	5
152	Assessing the Potential Replacement of Laurel Forest by a Novel Ecosystem in the Steep Terrain of an Oceanic Island. Remote Sensing, 2020, 12, 4013.	1.8	5
153	Disentangling climate from soil nutrient effects on plant biomass production using a multispecies phytometer. Ecosphere, 2021, 12, e03719.	1.0	5
154	Drivers for plant species diversity in a characteristic tropical forest landscape in Bangladesh. Landscape Research, 2017, 42, 89-105.	0.7	4
155	Repeated annual drought has minor longâ€term influence on Î´¹³C and alkane composition of plant and soil in model grassland and heathland ecosystems. Journal of Plant Nutrition and Soil Science, 2017, 180, 516-527.	1.1	4
156	Tree species diversity in relation to environmental variables and disturbance gradients in a northeastern forest in Bangladesh. Journal of Forestry Research, 2019, 30, 2143-2150.	1.7	4
157	High Land-Use Intensity Diminishes Stability of Forage Provision of Mountain Pastures under Future Climate Variability. Agronomy, 2021, 11, 910.	1.3	4
158	Impacts of Forest Fire on Understory Species Diversity in Canary Pine Ecosystems on the Island of La Palma. Forests, 2021, 12, 1638.	0.9	4
159	LOTVS: A global collection of permanent vegetation plots. Journal of Vegetation Science, 2022, 33, .	1.1	4
160	Unveiling Undercover Cropland Inside Forests Using Landscape Variables: A Supplement to Remote Sensing Image Classification. PLoS ONE, 2015, 10, e0130079.	1.1	3
161	Ecotype-specific improvement of nitrogen status in European grasses after drought combined with rewetting. Acta Oecologica, 2016, 77, 118-127.	0.5	3
162	Monitoring and predictive mapping of floristic biodiversity along a climatic gradient in ENSO's terrestrial core region, NW Peru. Ecography, 2020, 43, 1878-1890.	2.1	3

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163	Root-Associated Mycobiomes of Common Temperate Plants (Calluna vulgaris and Holcus lanatus) Are Strongly Affected by Winter Climate Conditions. Microbial Ecology, 2021, 82, 403-415.	1.4	3
164	A new generation of climate-change experiments: events, not trends. , 2007, 5, 365.		3
165	Editorial: Responses to Climate Change in the Cold Biomes. Frontiers in Plant Science, 2019, 10, 347.	1.7	2
166	A transplantation experiment along climatic gradients suggests limitations of experimental warming manipulations. Climate Research, 2014, 60, 63-71.	0.4	2
167	Geodiversity and biodiversity on a volcanic island: the role of scattered phonolites for plant diversity and performance. Biogeosciences, 2022, 19, 1691-1703.	1.3	2
168	A new generation of climate-change experiments: events, not trends. , 2007, 5, 365.		1
169	High species turnover and low intraspecific trait variation in endemic and nonâ€endemic plant species assemblages on an oceanic island. Journal of Vegetation Science, 0, , .	1.1	1
170	Interspecific trait variability and local soil conditions modulate grassland model community responses to climate. Ecology and Evolution, 2022, 12, e8513.	0.8	1