Todd E Dawson

List of Publications by Citations

149 papers	13,299 citations	55 h-index	114 g-index
155 ext. papers	15,141 ext. citations	6.1 avg, IF	6.59 L-index

#	Paper	IF	Citations
149	Stable Isotopes in Plant Ecology. *Annual Review of Ecology, Evolution, and Systematics*, **2002**, 33, 507-559		1289
148	Hydraulic lift: consequences of water efflux from the roots of plants. *Oecologia*, **1998**, 113, 151-161	2.9	727
147	Hydraulic lift and water use by plants: implications for water balance, performance and plant-plant interactions. *Oecologia*, **1993**, 95, 565-574	2.9	604
146	Molecular Paleohydrology: Interpreting the Hydrogen-Isotopic Composition of Lipid Biomarkers from Photosynthesizing Organisms. *Annual Review of Earth and Planetary Sciences*, **2012**, 40, 221-249	15.3	598
145	Streamside trees that do not use stream water. *Nature*, **1991**, 350, 335-337	50.4	589
144	Root water uptake and transport: using physiological processes in global predictions. *Trends in Plant Science*, **2000**, 5, 482-8	13.1	431
143	Seasonal water uptake and movement in root systems of Australian phraeatophytic plants of dimorphic root morphology: a stable isotope investigation. *Oecologia*, **1996**, 107, 13-20	2.9	350
142	Nighttime transpiration in woody plants from contrasting ecosystems. *Tree Physiology*, **2007**, 27, 561-75	4.2	318
141	Why are non-photosynthetic tissues generally C enriched compared with leaves in C plants? Review and synthesis of current hypotheses. *Functional Plant Biology*, **2009**, 36, 199-213	2.7	304
140	Determining water use by trees and forests from isotopic, energy balance and transpiration analyses: the roles of tree size and hydraulic lift. *Tree Physiology*, **1996**, 16, 263-272	4.2	301
139	Modeling Root Water Uptake in Hydrological and Climate Models. *Bulletin of the American Meteorological Society*, **2001**, 82, 2797-2809	6.1	282
138	Gender-Specific Physiology, Carbon Isotope Discrimination, and Habitat Distribution in Boxelder, Acer Negundo. *Ecology*, **1993**, 74, 798-815	4.6	268
137	Hydraulic redistribution in three Amazonian trees. *Oecologia*, **2005**, 145, 354-63	2.9	259
136	Root functioning modifies seasonal climate. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 17576-81	11.5	247
135	Foliar water uptake: a common water acquisition strategy for plants of the redwood forest. *Oecologia*, **2009**, 161, 449-59	2.9	206
134	Dark and disturbed: a new image of early angiosperm ecology. *Paleobiology*, **2004**, 30, 82-107	2.6	190
133	Climatic context and ecological implications of summer fog decline in the coast redwood region. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 4533-8	11.5	184

132	Hydrologic refugia, plants, and climate change. *Global Change Biology*, **2017**, 23, 2941-2961	11.4	183
131	Predicting plant vulnerability to drought in biodiverse regions using functional traits. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5744-9	11.5	182
130	Seasonal carbon isotope discrimination in a grassland community. *Oecologia*, **1991**, 85, 314-320	2.9	179
129	Isotopic enrichment of water in the "woody" tissues of plants: Implications for plant water source, water uptake, and other studies which use the stable isotopic composition of cellulose. *Geochimica Et Cosmochimica Acta*, **1993**, 57, 3487-3492	5.5	174
128	Isotopes reveal contrasting water use strategies among coexisting plant species in a Mediterranean ecosystem. *New Phytologist*, **2012**, 196, 489-496	9.8	170
127	What the towers don't see at night: nocturnal sap flow in trees and shrubs at two AmeriFlux sites in California. *Tree Physiology*, **2007**, 27, 597-610	4.2	170
126	Stable isotopes reveal linkages among ecohydrological processes in a seasonally dry tropical montane cloud forest. *Ecohydrology*, **2012**, 5, 779-790	2.5	155
125	Identification and characterization of QTL underlying whole-plant physiology in Arabidopsis thaliana: δ13C, stomatal conductance and transpiration efficiency. *Plant, Cell and Environment*, **2005**, 28, 697-708	8.4	149
124	Discrepancies between isotope ratio infrared spectroscopy and isotope ratio mass spectrometry for the stable isotope analysis of plant and soil waters. *Rapid Communications in Mass Spectrometry*, **2010**, 24, 1948-54	2.2	147
123	Plant height and hydraulic vulnerability to drought and cold. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 7551-7556	11.5	139
122	Fog interception by Sequoia sempervirens (D. Don) crowns decouples physiology from soil water deficit. *Plant, Cell and Environment*, **2009**, 32, 882-92	8.4	134
121	Genetic variation in stomatal and biochemical limitations to photosynthesis in the annual plant, Polygonum arenastrum. *Oecologia*, **1997**, 109, 535-546	2.9	134
120	Genetic variation in and covariation between leaf gas exchange, morphology, and development in Polygonum arenastrum, an annual plant. *Oecologia*, **1990**, 85, 153-158	2.9	132
119	Assessing Ecosystem-Level Water Relations Through Stable Isotope Ratio Analyses **2000**, 181-198		132
118	The incidence and implications of clouds for cloud forest plant water relations. *Ecology Letters*, **2013**, 16, 307-14	10	121
117	Carpels as leaves: meeting the carbon cost of reproduction in an alpine buttercup. *Oecologia*, **1993**, 95, 187-193	2.9	115
116	Hydraulic lift and its influence on the water content of the rhizosphere: an example from sugar maple, Acer saccharum. *Oecologia*, **1996**, 108, 273-278	2.9	112
115	Oxygen isotope fractionation effects in soil water via interaction with cations (Mg, Ca, K, Na) adsorbed to phyllosilicate clay minerals. *Journal of Hydrology*, **2014**, 515, 1-9	6	108

114	Warming combined with more extreme precipitation regimes modifies the water sources used by trees. *New Phytologist*, **2017**, 213, 584-596	9.8	97
113	Drought and resprouting plants. *New Phytologist*, **2015**, 206, 583-9	9.8	96
112	Reviews and syntheses: on the roles trees play in building and plumbing the critical zone. *Biogeosciences*, **2017**, 14, 5115-5142	4.6	94
111	Influence of Tree Species on Forest Nitrogen Retention in the Catskill Mountains, New York, USA. *Ecosystems*, **2005**, 8, 1-16	3.9	89
110	The value of wet leaves. *New Phytologist*, **2018**, 219, 1156-1169	9.8	88
109	Community assembly and functional diversity along succession post-management. *Functional Ecology*, **2014**, 28, 1256-1265	5.6	88
108	A dynamic leaf gas-exchange strategy is conserved in woody plants under changing ambient CO2 : evidence from carbon isotope discrimination in paleo and CO2 enrichment studies. *Global Change Biology*, **2016**, 22, 889-902	11.4	83
107	Isotope-ratio infrared spectroscopy: a reliable tool for the investigation of plant-water sources?. *New Phytologist*, **2015**, 207, 914-27	9.8	83
106	Foggy days and dry nights determine crown-level water balance in a seasonal tropical Montane cloud forest. *Plant, Cell and Environment*, **2014**, 37, 261-72	8.4	82
105	Fog Water and Ecosystem Function: Heterogeneity in a California Redwood Forest. *Ecosystems*, **2009**, 12, 417-433	3.9	80
104	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes challenges and opportunities from an interdisciplinary perspective. *Biogeosciences* , **2018**, 15, 6399-6415	4.6	73
103	Water transfer via ectomycorrhizal fungal hyphae to conifer seedlings. *Mycorrhiza*, **2007**, 17, 439-447	3.9	69
102	Low Vulnerability to Xylem Embolism in Leaves and Stems of North American Oaks. *Plant Physiology*, **2018**, 177, 1066-1077	6.6	69
101	Correlated variation of floral and leaf traits along a moisture availability gradient. *Oecologia*, **2007**, 151, 574-83	2.9	67
100	Dynamic, structured heterogeneity of water isotopes inside hillslopes. *Water Resources Research*, **2016**, 52, 164-189	5.4	65
99	QUANTITATIVE TRAIT LOCI AFFECTING 13C AND RESPONSE TO DIFFERENTIAL WATER AVAILIBILITY IN ARABIDOPSIS THALLANA. *Evolution; International Journal of Organic Evolution*, **2005**, 59, 81-96	3.8	64
98	INBREEDING DEPRESSION IN MORPHOLOGICAL AND PHYSIOLOGICAL TRAITS OF SCHIEDEA LYDGATEI (CARYOPHYLLACEAE) IN TWO ENVIRONMENTS. *Evolution; International Journal of Organic Evolution*, **1995**, 49, 297-306	3.8	64
97	The role of dew in Negev Desert plants. *Oecologia*, **2015**, 178, 317-27	2.9	61

96	Evidence for direct water absorption by the shoot of the desiccation-tolerant plant Vellozia flavicans in the savannas of central Brazil. *Journal of Tropical Ecology*, **2005**, 21, 585-588	1.3	60
95	Using branch and basal trunk sap flow measurements to estimate whole-plant water capacitance: a caution. *Plant and Soil*, **2008**, 305, 5-13	4.2	58
94	Life in the treetops: ecophysiological strategies of canopy epiphytes in a tropical montane cloud forest. *Ecological Monographs*, **2015**, 85, 393-412	9	55
93	Effects of height on treetop transpiration and stomatal conductance in coast redwood (Sequoia sempervirens). *Tree Physiology*, **2010**, 30, 1260-72	4.2	54
92	Polystichum munitum (Dryopteridaceae) varies geographically in its capacity to absorb fog water by foliar uptake within the redwood forest ecosystem. *American Journal of Botany*, **2010**, 97, 1121-8	2.7	52
91	Using septum-capped vials with continuous-flow isotope ratio mass spectrometric analysis of atmospheric CO2 for Keeling plot applications. *Rapid Communications in Mass Spectrometry*, **2001**, 15, 952-956	2.2	51
90	Carbon stable isotopes suggest that hippopotamus-vectored nutrients subsidize aquatic consumers in an East African river. *Ecosphere*, **2015**, 6, 1-11	3.1	50
89	Integrated nitrogen, carbon, and water relations of a xylem-tapping mistletoe following nitrogen fertilization of the host. *Oecologia*, **1994**, 100, 430-438	2.9	50
88	Seasonality of hydraulic redistribution by trees to grasses and changes in their water-source use that change tree–grass interactions. *Ecohydrology*, **2016**, 9, 218-228	2.5	48
87	Estimating water use by sugar maple trees: considerations when using heat-pulse methods in trees with deep functional sapwood. *Tree Physiology*, **2000**, 20, 217-227	4.2	47
86	Depth of water acquisition by invading shrubs and resident herbs in a Sierra Nevada meadow. *Plant and Soil*, **2006**, 285, 31-43	4.2	46
85	Climate and soils together regulate photosynthetic carbon isotope discrimination within C3 plants worldwide. *Global Ecology and Biogeography*, **2018**, 27, 1056-1067	6.1	45
84	Lithologically Controlled Subsurface Critical Zone Thickness and Water Storage Capacity Determine Regional Plant Community Composition. *Water Resources Research*, **2019**, 55, 3028-3055	5.4	44
83	Hydraulic conductance of leaves correlates with leaf lifespan: implications for lifetime carbon gain. *New Phytologist*, **2012**, 193, 939-947	9.8	44
82	Plants, Isotopes and Water Use: A Catchment-Scale Perspective **1998**, 165-202		43
81	Increasing leaf hydraulic conductance with transpiration rate minimizes the water potential drawdown from stem to leaf. *Journal of Experimental Botany*, **2015**, 66, 1303-15	7	41
80	The influence of species and growing conditions on the 18-O enrichment of leaf water and its impact on 'effective path length'. *New Phytologist*, **2009**, 184, 619-630	9.8	41
79	Species differences in the seasonality of evergreen tree transpiration in a Mediterranean climate: Analysis of multiyear, half-hourly sap flow observations. *Water Resources Research*, **2014**, 50, 1869-1894	5.4	40

78	Water sources and controls on water-loss rates of epigeous ectomycorrhizal fungal sporocarps during summer drought. *New Phytologist*, **2009**, 182, 483-494	9.8	40
77	WATER SOURCES USED BY DIDYMOPANAX PITTIERI AT DIFFERENT LIFE STAGES IN A TROPICAL CLOUD FOREST. *Ecology*, **1998**, 79, 1448-1452	4.6	40
76	Predicting the limits to tree height using statistical regressions of leaf traits. *New Phytologist*, **2007**, 174, 626-636	9.8	39
75	Are temporal variations of leaf traits responsible for seasonal and inter-annual variability in ecosystem CO2 exchange?. *Functional Ecology*, **2011**, 25, 258-270	5.6	38
74	Contrasting drought-response strategies in California redwoods. *Tree Physiology*, **2015**, 35, 453-69	4.2	35
73	Isoscapes to Address Large-Scale Earth Science Challenges. *Eos*, **2009**, 90, 109-110	1.5	34
72	Vegetation induced changes in the stable isotope composition of near surface humidity. *Ecohydrology*, **2014**, 7, 936-949	2.5	32
71	Hydraulic conductance and the maintenance of water balance in flowers. *Plant, Cell and Environment*, **2016**, 39, 2123-32	8.4	32
70	Isotopic incorporation rates and discrimination factors in mantis shrimp crustaceans. *PLoS ONE*, **2015**, 10, e0122334	3.7	31
69	Effects of the hippopotamus on the chemistry and ecology of a changing watershed. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5028-E5037	11.5	31
68	Fog as a source of nitrogen for redwood trees: evidence from fluxes and stable isotopes. *Journal of Ecology*, **2015**, 103, 1397-1407	6	29
67	Savanna soil fertility limits growth but not survival of tropical forest tree seedlings. *Plant and Soil*, **2011**, 349, 341-353	4.2	29
66	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. *New Phytologist*, **2020**, 225, 2484-2497	9.8	28
65	The Roles of Stable Isotopes in Forest Hydrology and Biogeochemistry. *Ecological Studies*, **2011**, 137-161	1.1	27
64	Reconciling seasonal hydraulic risk and plant water use through probabilistic soil-plant dynamics. *Global Change Biology*, **2017**, 23, 3758-3769	11.4	26
63	Nighttime transpiration in a seasonally dry tropical montane cloud forest environment. *Trees - Structure and Function*, **2015**, 29, 259-274	2.6	26
62	No local adaptation in leaf or stem xylem vulnerability to embolism, but consistent vulnerability segmentation in a North American oak. *New Phytologist*, **2019**, 223, 1296-1306	9.8	25
61	Morphological and dietary responses of chipmunks to a century of climate change. *Global Change Biology*, **2016**, 22, 3233-52	11.4	25

60	GENDER-RELATED DIFFERENCES IN GAS EXCHANGE ARE NOT RELATED TO HOST QUALITY IN THE XYLEM-TAPPING MISTLETOE, PHORADENDRON JUNIPERINUM (VISCACEAE). *American Journal of Botany*, **1993**, 80, 641-645	2.7	24
59	Digging deeper: what the critical zone perspective adds to the study of plant ecophysiology. *New Phytologist*, **2020**, 226, 666-671	9.8	24
58	Seasonal trends in photosynthesis and electron transport during the Mediterranean summer drought in leaves of deciduous oaks. *Tree Physiology*, **2015**, 35, 485-500	4.2	23
57	Water relations of Calycanthus flowers: Hydraulic conductance, capacitance, and embolism resistance. *Plant, Cell and Environment*, **2018**, 41, 2250-2262	8.4	23
56	Ecological correlates of seed mass variation in Phoradendron juniperinum, a xylem-tapping mistletoe. *Oecologia*, **1991**, 85, 332-342	2.9	23
55	Dry and hot: the hydraulic consequences of a climate change-type drought for Amazonian trees. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2018**, 373,	5.8	23
54	Weather underground: Subsurface hydrologic processes mediate tree vulnerability to extreme climatic drought. *Global Change Biology*, **2020**, 26, 3091-3107	11.4	21
53	Specialized morphology corresponds to a generalist diet: linking form and function in smashing mantis shrimp crustaceans. *Oecologia*, **2016**, 182, 429-42	2.9	21
52	Uncorrelated evolution of leaf and petal venation patterns across the angiosperm phylogeny. *Journal of Experimental Botany*, **2013**, 64, 4081-8	7	21
51	Hydraulic constraints modify optimal photosynthetic profiles in giant sequoia trees. *Oecologia*, **2016**, 182, 713-30	2.9	20
50	SEX-RATIO AND REPRODUCTIVE VARIATION IN THE MISTLETOE PHORADENDRON JUNIPERINUM (VISCACEAE). *American Journal of Botany*, **1990**, 77, 584-589	2.7	19
49	AGE STRUCTURE OF PHORADENDRON JUNIPERINUM (VISCACEAE), A XYLEM-TAPPING MISTLETOE: INFERENCES FROM A NON-DESTRUCTIVE MORPHOLOGICAL INDEX OF AGE. *American Journal of Botany*, **1990**, 77, 573-583	2.7	19
48	Medium, Vector, and Connector: Fog and the Maintenance of Ecosystems. *Ecosystems*, **2020**, 23, 217-229	3.9	19
47	The ecohydrological context of drought and classification of plant responses. *Ecology Letters*, **2018**, 21, 1723-1736	10	19
46	Plant and root-zone water isotopes are difficult to measure, explain, and predict: Some practical recommendations for determining plant water sources. *Methods in Ecology and Evolution*, **2020**, 11, 1352-1367	7.7	18
45	Beyond isohydricity: The role of environmental variability in determining plant drought responses. *Plant, Cell and Environment*, **2019**, 42, 1104-1111	8.4	18
44	Gender-specific variation in physiology in the dioecious shrub Corema album throughout its distributional range. *Functional Plant Biology*, **2012**, 39, 968-978	2.7	17
43	Controls on the distribution and resilience of Quercus garryana: ecophysiological evidence of oak's water-limitation tolerance. *Ecosphere*, **2018**, 9, e02218	3.1	17

42	Functional differences between woodland savannas and seasonally dry forests from south-eastern Brazil: Evidence from 15N natural abundance studies. *Austral Ecology*, **2011**, 36, 974-982	1.5	16
41	Water relations and microclimate around the upper limit of a cloud forest in Maui, Hawai'i. *Tree Physiology*, **2014**, 34, 766-77	4.2	15
40	GENDER-RELATED DIFFERENCES IN GAS EXCHANGE ARE NOT RELATED TO HOST QUALITY IN THE XYLEM-TAPPING MISTLETOE, PHORADENDRON JUNIPERINUM (VISCACEAE) **1993**, 80, 641		15
39	Axial variation of xylem conduits in the Earth's tallest trees. *Trees - Structure and Function*, **2019**, 33, 1299-1311	2.6	14
38	Convergent evolution of tree hydraulic traits in Amazonian habitats: implications for community assemblage and vulnerability to drought. *New Phytologist*, **2020**, 228, 106-120	9.8	14
37	Coffee and shade trees show complementary use of soil water in a traditional agroforestry ecosystem. *Hydrology and Earth System Sciences*, **2020**, 24, 1649-1668	5.5	13
36	Diverse effects of the common hippopotamus on plant communities and soil chemistry. *Oecologia*, **2018**, 188, 821-835	2.9	13
35	Prolonged warming and drought modify belowground interactions for water among coexisting plants. *Tree Physiology*, **2019**, 39, 55-63	4.2	13
34	Variation in the resilience of cloud forest vascular epiphytes to severe drought. *New Phytologist*, **2018**, 219, 900-913	9.8	12
33	Coping with gravity: the foliar water relations of giant sequoia. *Tree Physiology*, **2017**, 37, 1312-1326	4.2	12
32	Acorns, insects, and the diet of adult versus nestling Acorn Woodpeckers. *Journal of Field Ornithology*, **2008**, 79, 280-285	0.9	12
31	Interspecific Differences in Seed Germination, Establishment, and Early Growth in Relation to Preferred Soil Type in an Alpine Community. *Arctic, Antarctic, and Alpine Research*, **2007**, 39, 165-176	1.8	12
30	Tree-ring isotopes adjacent to Lake Superior reveal cold winter anomalies for the Great Lakes region of North America. *Scientific Reports*, **2019**, 9, 4412	4.9	11
29	Reduced dry season transpiration is coupled with shallow soil water use in tropical montane forest trees. *Oecologia*, **2018**, 188, 303-317	2.9	10
28	Evolutionary relationships between drought-related traits and climate shape large hydraulic safety margins in western North American oaks. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	9
27	Species-Specific Shifts in Diurnal Sap Velocity Dynamics and Hysteretic Behavior of Ecophysiological Variables During the 2015-2016 El Niño Event in the Amazon Forest. *Frontiers in Plant Science*, **2019**, 10, 830	6.2	8
26	The role of macropores in the cultivation of bell pepper in salinized soil. *Plant and Soil*, **1996**, 181, 241-249	4.2	8
25	A New Engagement Model to Complete and Operate the National Ecological Observatory Network. *Bulletin of the Ecological Society of America*, **2016**, 97, 283-287	0.7	7

24	Millennial-scale tree-ring isotope chronologies from coast redwoods provide insights on controls over California hydroclimate variability. *Oecologia*, **2018**, 187, 897-909	2.9	7
23	SEX-RATIO AND REPRODUCTIVE VARIATION IN THE MISTLETOE PHORADENDRON JUNIPERINUM (VISCACEAE) **1990**, 77, 584		7
22	Plants as sensors: vegetation response to rainfall predicts root-zone water storage capacity in Mediterranean-type climates. *Environmental Research Letters*, **2020**, 15, 104074	6.2	7
21	Changes in tree drought sensitivity provided early warning signals to the California drought and forest mortality event. *Global Change Biology*, **2021**,	11.4	6
20	Stable isotopes of Hawaiian spiders reflect substrate properties along a chronosequence. *PeerJ*, **2018**, 6, e4527	3.1	6
19	Plant hydraulic traits reveal islands as refugia from worsening drought **2020**, 8, coz115		5
18	Plant physiological ecology: linking the organism to scales above and below. *New Phytologist*, **2001**, 149, 12-16	9.8	5
17	AGE STRUCTURE OF PHORADENDRON JUNIPERINUM (VISCACEAE), A XYLEM-TAPPING MISTLETOE: INFERENCES FROM A NON-DESTRUCTIVE MORPHOLOGICAL INDEX OF AGE **1990**, 77, 573		5
16	The generalizability of water-deficit on bacterial community composition; Site-specific water-availability predicts the bacterial community associated with coast redwood roots. *Molecular Ecology*, **2020**, 29, 4721-4734	5.7	5
15	Early, intensive marine resource exploitation by Middle Stone Age humans at Ysterfontein 1 rockshelter, South Africa. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
14	The Widened Pipe Model of plant hydraulic evolution. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
13	Does sexual dimorphism predispose dioecious riparian trees to sex ratio imbalances under climate change?. *Oecologia*, **2018**, 187, 921-931	2.9	5
12	Vascular epiphytes show low physiological resistance and high recovery capacity to episodic, short-term drought in Monteverde, Costa Rica. *Functional Ecology*, **2020**, 34, 1537-1550	5.6	4
11	Representing plant diversity in land models: An evolutionary approach to make 'Functional Types' more functional.. *Global Change Biology*, **2021**,	11.4	4
10	Critical transition to woody plant dominance through microclimate feedbacks in North American coastal ecosystems. *Ecology*, **2020**, 101, e03107	4.6	3
9	Using oxygen and hydrogen stable isotopes to track the migratory movement of Sharp-shinned Hawks (Accipiter striatus) along Western Flyways of North America. *PLoS ONE*, **2020**, 15, e0226318	3.7	2
8	Illuminating next steps for NEON. *Science*, **2015**, 349, 1176-7	33.3	1
7	Hydraulic lift and water use by plants: implications for water balance, performance and plant-plant interactions **1993**, 95, 565		1

6	Slope-Aspect Induced Climate Differences Influence How Water Is Exchanged Between the Land and Atmosphere. *Journal of Geophysical Research G: Biogeosciences*, **2021**, 126, e2020JG006027	3.7	1
5	The dynamics of stem water storage in the tops of Earth's largest trees-Sequoiadendron giganteum. *Tree Physiology*, **2021**, 41, 2262-2278	4.2	1
4	Dew water-uptake pathways in Negev desert plants: a study using stable isotope tracers. *Oecologia* , **2021**, 196, 353-361	2.9	0
3	Reply to Klein: Ysterfontein 1 shell midden (South Africa) and the antiquity of coastal adaptation. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	0
2	Keep your friends close: Host compartmentalisation of microbial communities facilitates decoupling from effects of habitat fragmentation. *Ecology Letters*, **2021**, 24, 2674-2686	10	0
1	Data wanted on phenology. *Journal of Tropical Ecology*, **1989**, 5, 238-238	1.3	