

Todd E Dawson

List of Publications by Year in descending order

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Version: 2024-02-01

152
papers

16,822
citations

19657

61
h-index

15732

125
g-index

155
all docs

155
docs citations

155
times ranked

14661
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in tree drought sensitivity provided early warning signals to the California drought and forest mortality event. <i>Global Change Biology</i> , 2022, 28, 1119-1132.	9.5	29
2	Representing plant diversity in land models: An evolutionary approach to make "Functional Types" more functional. <i>Global Change Biology</i> , 2022, 28, 2541-2554.	9.5	28
3	Variation in cloud immersion, not precipitation, drives leaf trait plasticity and water relations in vascular epiphytes during an extreme drought. <i>American Journal of Botany</i> , 2022, 109, 550-563.	1.7	3
4	Revisiting plant hydrological niches: The importance of atmospheric resources for ground-rooted plants. <i>Journal of Ecology</i> , 2022, 110, 1746-1756.	4.0	7
5	Evolutionary relationships between drought-related traits and climate shape large hydraulic safety margins in western North American oaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41
6	Early, intensive marine resource exploitation by Middle Stone Age humans at Ysterfontein 1 rockshelter, South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
7	Dew water-uptake pathways in Negev desert plants: a study using stable isotope tracers. <i>Oecologia</i> , 2021, 196, 353-361.	2.0	5
8	The Widened Pipe Model of plant hydraulic evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
9	Slope Aspect Induced Climate Differences Influence How Water Is Exchanged Between the Land and Atmosphere. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006027.	3.0	7
10	The dynamics of stem water storage in the tops of Earth's largest trees" <i>Sequoiadendron giganteum</i> . <i>Tree Physiology</i> , 2021, 41, 2262-2278.	3.1	8
11	Reply to Klein: Ysterfontein 1 shell midden (South Africa) and the antiquity of coastal adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2108794118.	7.1	1
12	Keep your friends close: Host compartmentalisation of microbial communities facilitates decoupling from effects of habitat fragmentation. <i>Ecology Letters</i> , 2021, 24, 2674-2686.	6.4	7
13	Medium, Vector, and Connector: Fog and the Maintenance of Ecosystems. <i>Ecosystems</i> , 2020, 23, 217-229.	3.4	30
14	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. <i>New Phytologist</i> , 2020, 225, 2484-2497.	7.3	39
15	Digging deeper: what the critical zone perspective adds to the study of plant ecophysiology. <i>New Phytologist</i> , 2020, 226, 666-671.	7.3	61
16	The generalizability of water deficit on bacterial community composition; Site-specific water availability predicts the bacterial community associated with coast redwood roots. <i>Molecular Ecology</i> , 2020, 29, 4721-4734.	3.9	7
17	Plant and root-zone water isotopes are difficult to measure, explain, and predict: Some practical recommendations for determining plant water sources. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1352-1367.	5.2	48
18	Critical transition to woody plant dominance through microclimate feedbacks in North American coastal ecosystems. <i>Ecology</i> , 2020, 101, e03107.	3.2	9

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19	Vascular epiphytes show low physiological resistance and high recovery capacity to episodic, short-term drought in Monteverde, Costa Rica. <i>Functional Ecology</i> , 2020, 34, 1537-1550.	3.6	13
20	Plant hydraulic traits reveal islands as refugia from worsening drought. , 2020, 8, coz115.		12
21	Weather underground: Subsurface hydrologic processes mediate tree vulnerability to extreme climatic drought. <i>Global Change Biology</i> , 2020, 26, 3091-3107.	9.5	35
22	Coffee and shade trees show complementary use of soil water in a traditional agroforestry ecosystem. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1649-1668.	4.9	36
23	Plants as sensors: vegetation response to rainfall predicts root-zone water storage capacity in Mediterranean-type climates. <i>Environmental Research Letters</i> , 2020, 15, 104074.	5.2	20
24	Convergent evolution of tree hydraulic traits in Amazonian habitats: implications for community assemblage and vulnerability to drought. <i>New Phytologist</i> , 2020, 228, 106-120.	7.3	42
25	Using oxygen and hydrogen stable isotopes to track the migratory movement of Sharp-shinned Hawks (<i>Accipiter striatus</i>) along Western Flyways of North America. <i>PLoS ONE</i> , 2020, 15, e0226318.	2.5	4
26	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. <i>Frontiers in Plant Science</i> , 2019, 10, 830.	3.6	17
27	No local adaptation in leaf or stem xylem vulnerability to embolism, but consistent vulnerability segmentation in a North American oak. <i>New Phytologist</i> , 2019, 223, 1296-1306.	7.3	52
28	Axial variation of xylem conduits in the Earth's tallest trees. <i>Trees - Structure and Function</i> , 2019, 33, 1299-1311.	1.9	23
29	Tree-ring isotopes adjacent to Lake Superior reveal cold winter anomalies for the Great Lakes region of North America. <i>Scientific Reports</i> , 2019, 9, 4412.	3.3	12
30	Lithologically Controlled Subsurface Critical Zone Thickness and Water Storage Capacity Determine Regional Plant Community Composition. <i>Water Resources Research</i> , 2019, 55, 3028-3055.	4.2	97
31	Prolonged warming and drought modify belowground interactions for water among coexisting plants. <i>Tree Physiology</i> , 2019, 39, 55-63.	3.1	23
32	Beyond isohydricity: The role of environmental variability in determining plant drought responses. <i>Plant, Cell and Environment</i> , 2019, 42, 1104-1111.	5.7	47
33	Water relations of <i>Calycanthus</i> flowers: Hydraulic conductance, capacitance, and embolism resistance. <i>Plant, Cell and Environment</i> , 2018, 41, 2250-2262.	5.7	39
34	Variation in the resilience of cloud forest vascular epiphytes to severe drought. <i>New Phytologist</i> , 2018, 219, 900-913.	7.3	23
35	Controls on the distribution and resilience of <i>Quercus garryana</i> : ecophysiological evidence of oak's water-limitation tolerance. <i>Ecosphere</i> , 2018, 9, e02218.	2.2	25
36	Dry and hot: the hydraulic consequences of a climate change-type drought for Amazonian trees. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20180209.	4.0	49

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37	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes – challenges and opportunities from an interdisciplinary perspective. <i>Biogeosciences</i> , 2018, 15, 6399-6415.	3.3	115
38	Climate and soils together regulate photosynthetic carbon isotope discrimination within C_{3} plants worldwide. <i>Global Ecology and Biogeography</i> , 2018, 27, 1056-1067.	5.8	85
39	The ecohydrological context of drought and classification of plant responses. <i>Ecology Letters</i> , 2018, 21, 1723-1736.	6.4	38
40	Low Vulnerability to Xylem Embolism in Leaves and Stems of North American Oaks. <i>Plant Physiology</i> , 2018, 177, 1066-1077.	4.8	117
41	Effects of the hippopotamus on the chemistry and ecology of a changing watershed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5028-E5037.	7.1	45
42	Plant height and hydraulic vulnerability to drought and cold. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7551-7556.	7.1	254
43	Does sexual dimorphism predispose dioecious riparian trees to sex ratio imbalances under climate change?. <i>Oecologia</i> , 2018, 187, 921-931.	2.0	14
44	Reduced dry season transpiration is coupled with shallow soil water use in tropical montane forest trees. <i>Oecologia</i> , 2018, 188, 303-317.	2.0	21
45	Millennial-scale tree-ring isotope chronologies from coast redwoods provide insights on controls over California hydroclimate variability. <i>Oecologia</i> , 2018, 187, 897-909.	2.0	10
46	The value of wet leaves. <i>New Phytologist</i> , 2018, 219, 1156-1169.	7.3	162
47	Preface: Honoring the career of Professor James R. Ehleringer. <i>Oecologia</i> , 2018, 187, 875-878.	2.0	0
48	Diverse effects of the common hippopotamus on plant communities and soil chemistry. <i>Oecologia</i> , 2018, 188, 821-835.	2.0	21
49	Stable isotopes of Hawaiian spiders reflect substrate properties along a chronosequence. <i>PeerJ</i> , 2018, 6, e4527.	2.0	11
50	Reconciling seasonal hydraulic risk and plant water use through probabilistic soil-plant dynamics. <i>Global Change Biology</i> , 2017, 23, 3758-3769.	9.5	35
51	Hydrologic refugia, plants, and climate change. <i>Global Change Biology</i> , 2017, 23, 2941-2961.	9.5	257
52	Coping with gravity: the foliar water relations of giant sequoia. <i>Tree Physiology</i> , 2017, 37, 1312-1326.	3.1	16
53	Warming combined with more extreme precipitation regimes modifies the water sources used by trees. <i>New Phytologist</i> , 2017, 213, 584-596.	7.3	153
54	Reviews and syntheses: on the roles trees play in building and plumbing the critical zone. <i>Biogeosciences</i> , 2017, 14, 5115-5142.	3.3	130

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55	Morphological and dietary responses of chipmunks to a century of climate change. <i>Global Change Biology</i> , 2016, 22, 3233-3252.	9.5	29
56	Hydraulic conductance and the maintenance of water balance in flowers. <i>Plant, Cell and Environment</i> , 2016, 39, 2123-2132.	5.7	56
57	Hydraulic constraints modify optimal photosynthetic profiles in giant sequoia trees. <i>Oecologia</i> , 2016, 182, 713-730.	2.0	27
58	Dynamic, structured heterogeneity of water isotopes inside hillslopes. <i>Water Resources Research</i> , 2016, 52, 164-189.	4.2	83
59	A New Engagement Model to Complete and Operate the National Ecological Observatory Network. <i>Bulletin of the Ecological Society of America</i> , 2016, 97, 283-287.	0.2	9
60	A dynamic leaf gas exchange strategy is conserved in woody plants under changing ambient CO ₂ : evidence from carbon isotope discrimination in paleo and CO ₂ enrichment studies. <i>Global Change Biology</i> , 2016, 22, 889-902.	9.5	106
61	Specialized morphology corresponds to a generalist diet: linking form and function in smashing mantis shrimp crustaceans. <i>Oecologia</i> , 2016, 182, 429-442.	2.0	27
62	Seasonality of hydraulic redistribution by trees to grasses and changes in their water source use that change tree-grass interactions. <i>Ecohydrology</i> , 2016, 9, 218-228.	2.4	70
63	Isotope ratio infrared spectroscopy: a reliable tool for the investigation of plant water sources?. <i>New Phytologist</i> , 2015, 207, 914-927.	7.3	120
64	Fog as a source of nitrogen for redwood trees: evidence from fluxes and stable isotopes. <i>Journal of Ecology</i> , 2015, 103, 1397-1407.	4.0	33
65	Illuminating next steps for NEON. <i>Science</i> , 2015, 349, 1176-1177.	12.6	1
66	Drought and resprouting plants. <i>New Phytologist</i> , 2015, 206, 583-589.	7.3	133
67	The role of dew in Negev Desert plants. <i>Oecologia</i> , 2015, 178, 317-327.	2.0	78
68	Nighttime transpiration in a seasonally dry tropical montane cloud forest environment. <i>Trees - Structure and Function</i> , 2015, 29, 259-274.	1.9	39
69	Seasonal trends in photosynthesis and electron transport during the Mediterranean summer drought in leaves of deciduous oaks. <i>Tree Physiology</i> , 2015, 35, 485-500.	3.1	31
70	Life in the treetops: ecophysiological strategies of canopy epiphytes in a tropical montane cloud forest. <i>Ecological Monographs</i> , 2015, 85, 393-412.	5.4	81
71	Predicting plant vulnerability to drought in biodiverse regions using functional traits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5744-5749.	7.1	261
72	Carbon stable isotopes suggest that hippopotamus- vectored nutrients subsidize aquatic consumers in an East African river. <i>Ecosphere</i> , 2015, 6, 1-11.	2.2	67

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73	Increasing leaf hydraulic conductance with transpiration rate minimizes the water potential drawdown from stem to leaf. <i>Journal of Experimental Botany</i> , 2015, 66, 1303-1315.	4.8	58
74	Contrasting drought-response strategies in California redwoods. <i>Tree Physiology</i> , 2015, 35, 453-469.	3.1	40
75	Isotopic Incorporation Rates and Discrimination Factors in Mantis Shrimp Crustaceans. <i>PLoS ONE</i> , 2015, 10, e0122334.	2.5	37
76	Water relations and microclimate around the upper limit of a cloud forest in Maui, Hawai'i. <i>Tree Physiology</i> , 2014, 34, 766-777.	3.1	19
77	Vegetation induced changes in the stable isotope composition of near surface humidity. <i>Ecohydrology</i> , 2014, 7, 936-949.	2.4	42
78	Species differences in the seasonality of evergreen tree transpiration in a Mediterranean climate: Analysis of multiyear, half-hourly sap flow observations. <i>Water Resources Research</i> , 2014, 50, 1869-1894.	4.2	57
79	Community assembly and functional diversity along succession post-management. <i>Functional Ecology</i> , 2014, 28, 1256-1265.	3.6	107
80	Oxygen isotope fractionation effects in soil water via interaction with cations (Mg, Ca, K, Na) adsorbed to phyllosilicate clay minerals. <i>Journal of Hydrology</i> , 2014, 515, 1-9.	5.4	128
81	Foggy days and dry nights determine crown-level water balance in a seasonal tropical montane cloud forest. <i>Plant, Cell and Environment</i> , 2014, 37, 261-272.	5.7	102
82	The incidence and implications of clouds for cloud forest plant water relations. <i>Ecology Letters</i> , 2013, 16, 307-314.	6.4	157
83	Uncorrelated evolution of leaf and petal venation patterns across the angiosperm phylogeny. <i>Journal of Experimental Botany</i> , 2013, 64, 4081-4088.	4.8	38
84	Gender-specific variation in physiology in the dioecious shrub <i>Corema album</i> throughout its distributional range. <i>Functional Plant Biology</i> , 2012, 39, 968.	2.1	21
85	Molecular Paleohydrology: Interpreting the Hydrogen-Isotopic Composition of Lipid Biomarkers from Photosynthesizing Organisms. <i>Annual Review of Earth and Planetary Sciences</i> , 2012, 40, 221-249.	11.0	748
86	Isotopes reveal contrasting water use strategies among coexisting plant species in a Mediterranean ecosystem. <i>New Phytologist</i> , 2012, 196, 489-496.	7.3	226
87	Stable isotopes reveal linkages among ecohydrological processes in a seasonally dry tropical montane cloud forest. <i>Ecohydrology</i> , 2012, 5, 779-790.	2.4	193
88	Hydraulic conductance of leaves correlates with leaf lifespan: implications for lifetime carbon gain. <i>New Phytologist</i> , 2012, 193, 939-947.	7.3	51
89	Functional differences between woodland savannas and seasonally dry forests from south-eastern Brazil: Evidence from ¹⁵ N natural abundance studies. <i>Austral Ecology</i> , 2011, 36, 974-982.	1.5	17
90	Are temporal variations of leaf traits responsible for seasonal and inter-annual variability in ecosystem CO ₂ exchange?. <i>Functional Ecology</i> , 2011, 25, 258-270.	3.6	43

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91	Savanna soil fertility limits growth but not survival of tropical forest tree seedlings. <i>Plant and Soil</i> , 2011, 349, 341-353.	3.7	36
92	The Roles of Stable Isotopes in Forest Hydrology and Biogeochemistry. <i>Ecological Studies</i> , 2011, , 137-161.	1.2	34
93	Discrepancies between isotope ratio infrared spectroscopy and isotope ratio mass spectrometry for the stable isotope analysis of plant and soil waters. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1948-1954.	1.5	184
94	Climatic context and ecological implications of summer fog decline in the coast redwood region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4533-4538.	7.1	228
95	<i>Polystichum munitum</i> (Dryopteridaceae) varies geographically in its capacity to absorb fog water by foliar uptake within the redwood forest ecosystem. <i>American Journal of Botany</i> , 2010, 97, 1121-1128.	1.7	65
96	Effects of height on treetop transpiration and stomatal conductance in coast redwood (<i>Sequoia</i>). <i>Tree Physiology</i> , 2010, 30, 107-116.	3.1	66
97	Fog Water and Ecosystem Function: Heterogeneity in a California Redwood Forest. <i>Ecosystems</i> , 2009, 12, 417-433.	3.4	86
98	Foliar water uptake: a common water acquisition strategy for plants of the redwood forest. <i>Oecologia</i> , 2009, 161, 449-459.	2.0	261
99	Fog interception by <i>Sequoia sempervirens</i> (D. Don) crowns decouples physiology from soil water deficit. <i>Plant, Cell and Environment</i> , 2009, 32, 882-892.	5.7	160
100	Water sources and controls on water loss rates of epigeous ectomycorrhizal fungal sporocarps during summer drought. <i>New Phytologist</i> , 2009, 182, 483-494.	7.3	45
101	The influence of species and growing conditions on the $\delta^{18}O$ enrichment of leaf water and its impact on λ -effective path length. <i>New Phytologist</i> , 2009, 184, 619-630.	7.3	45
102	Isoscapes to Address Large-Scale Earth Science Challenges. <i>Eos</i> , 2009, 90, 109-110.	0.1	45
103	Why are non-photosynthetic tissues generally ^{13}C enriched compared with leaves in C_3 plants? Review and synthesis of current hypotheses. <i>Functional Plant Biology</i> , 2009, 36, 199.	2.1	348
104	Using branch and basal trunk sap flow measurements to estimate whole-plant water capacitance: a caution. <i>Plant and Soil</i> , 2008, 305, 5-13.	3.7	70
105	Acorns, insects, and the diet of adult versus nestling Acorn Woodpeckers. <i>Journal of Field Ornithology</i> , 2008, 79, 280-285.	0.5	14
106	Interspecific Differences in Seed Germination, Establishment, and Early Growth in Relation to Preferred Soil Type in an Alpine Community. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 165-176.	1.1	15
107	Nighttime transpiration in woody plants from contrasting ecosystems. <i>Tree Physiology</i> , 2007, 27, 561-575.	3.1	384
108	What the towers don't see at night: nocturnal sap flow in trees and shrubs at two AmeriFlux sites in California. <i>Tree Physiology</i> , 2007, 27, 597-610.	3.1	204

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109	Predicting the limits to tree height using statistical regressions of leaf traits. <i>New Phytologist</i> , 2007, 174, 626-636.	7.3	42
110	Water transfer via ectomycorrhizal fungal hyphae to conifer seedlings. <i>Mycorrhiza</i> , 2007, 17, 439-447.	2.8	75
111	Correlated variation of floral and leaf traits along a moisture availability gradient. <i>Oecologia</i> , 2007, 151, 574-583.	2.0	93
112	Depth of water acquisition by invading shrubs and resident herbs in a Sierra Nevada meadow. <i>Plant and Soil</i> , 2006, 285, 31-43.	3.7	56
113	Identification and characterization of QTL underlying whole-plant physiology in <i>Arabidopsis thaliana</i> : delta13C, stomatal conductance and transpiration efficiency. <i>Plant, Cell and Environment</i> , 2005, 28, 697-708.	5.7	162
114	QUANTITATIVE TRAIT LOCI AFFECTING $\delta^{13}C$ AND RESPONSE TO DIFFERENTIAL WATER AVAILABILITY IN <i>ARABIDOPSIS THALIANA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 81-96.	2.3	70
115	Hydraulic redistribution in three Amazonian trees. <i>Oecologia</i> , 2005, 145, 354-363.	2.0	290
116	Influence of Tree Species on Forest Nitrogen Retention in the Catskill Mountains, New York, USA. <i>Ecosystems</i> , 2005, 8, 1-16.	3.4	101
117	Evidence for direct water absorption by the shoot of the desiccation-tolerant plant <i>Vellozia flavicans</i> in the savannas of central Brazil. <i>Journal of Tropical Ecology</i> , 2005, 21, 585-588.	1.1	69
118	Root functioning modifies seasonal climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17576-17581.	7.1	279
119	Dark and disturbed: a new image of early angiosperm ecology. <i>Paleobiology</i> , 2004, 30, 82-107.	2.0	215
120	Stable Isotopes in Plant Ecology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 507-559.	6.7	1,532
121	Modeling Root Water Uptake in Hydrological and Climate Models. <i>Bulletin of the American Meteorological Society</i> , 2001, 82, 2797-2809.	3.3	330
122	Plant physiological ecology: linking the organism to scales above and below. <i>New Phytologist</i> , 2001, 149, 12-16.	7.3	6
123	Using septum-capped vials with continuous-flow isotope ratio mass spectrometric analysis of atmospheric CO ₂ for Keeling plot applications. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 952-956.	1.5	57
124	Estimating water use by sugar maple trees: considerations when using heat-pulse methods in trees with deep functional sapwood. <i>Tree Physiology</i> , 2000, 20, 217-227.	3.1	53
125	Root water uptake and transport: using physiological processes in global predictions. <i>Trends in Plant Science</i> , 2000, 5, 482-488.	8.8	496
126	Assessing Ecosystem-Level Water Relations Through Stable Isotope Ratio Analyses. , 2000, , 181-198.		155

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127	Hydraulic lift: consequences of water efflux from the roots of plants. <i>Oecologia</i> , 1998, 113, 151-161.	2.0	836
128	WATER SOURCES USED BY DIDYMOPTERIS DIFFERENT LIFE STAGES IN A TROPICAL CLOUD FOREST. <i>Ecology</i> , 1998, 79, 1448-1452.	3.2	53
129	Plants, Isotopes and Water Use: A Catchment-Scale Perspective. , 1998, , 165-202.		51
130	Genetic variation in stomatal and biochemical limitations to photosynthesis in the annual plant, <i>Polygonum arenastrum</i> . <i>Oecologia</i> , 1997, 109, 535-546.	2.0	150
131	Hydraulic lift and its influence on the water content of the rhizosphere: an example from sugar maple, <i>Acer saccharum</i> . <i>Oecologia</i> , 1996, 108, 273-278.	2.0	134
132	Determining water use by trees and forests from isotopic, energy balance and transpiration analyses: the roles of tree size and hydraulic lift. <i>Tree Physiology</i> , 1996, 16, 263-272.	3.1	348
133	Seasonal water uptake and movement in root systems of Australian phreatophytic plants of dimorphic root morphology: a stable isotope investigation. <i>Oecologia</i> , 1996, 107, 13-20.	2.0	423
134	The role of macropores in the cultivation of bell pepper in salinized soil. <i>Plant and Soil</i> , 1996, 181, 241-249.	3.7	9
135	INBREEDING DEPRESSION IN MORPHOLOGICAL AND PHYSIOLOGICAL TRAITS OF <i>SCHIEDEA LYDGATEI</i> (CARYOPHYLLACEAE) IN TWO ENVIRONMENTS. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 297-306.	2.3	69
136	Integrated nitrogen, carbon, and water relations of a xylem-tapping mistletoe following nitrogen fertilization of the host. <i>Oecologia</i> , 1994, 100, 430-438.	2.0	58
137	Hydraulic lift and water use by plants: implications for water balance, performance and plant-plant interactions. <i>Oecologia</i> , 1993, 95, 565-574.	2.0	676
138	Carpels as leaves: meeting the carbon cost of reproduction in an alpine buttercup. <i>Oecologia</i> , 1993, 95, 187-193.	2.0	132
139	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. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3487-3492.	3.9	216
140	Gender-Specific Physiology, Carbon Isotope Discrimination, and Habitat Distribution in Boxelder, <i>Acer Negundo</i> . <i>Ecology</i> , 1993, 74, 798-815.	3.2	334
141	GENDER-RELATED DIFFERENCES IN GAS EXCHANGE ARE NOT RELATED TO HOST QUALITY IN THE XYLEM-TAPPING MISTLETOE, <i>PHORADENDRON JUNIPERINUM</i> (VISCACEAE). <i>American Journal of Botany</i> , 1993, 80, 641-645.	1.7	31
142	Hydraulic lift and water use by plants: implications for water balance, performance and plant-plant interactions. , 1993, 95, 565.		1
143	Gender-Related Differences in Gas Exchange are not Related to Host Quality in the Xylem-Tapping Mistletoe, <i>Phoradendron juniperinum</i> (Viscaceae). <i>American Journal of Botany</i> , 1993, 80, 641.	1.7	19
144	Streamside trees that do not use stream water. <i>Nature</i> , 1991, 350, 335-337.	27.8	705

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145	Seasonal carbon isotope discrimination in a grassland community. <i>Oecologia</i> , 1991, 85, 314-320.	2.0	206
146	Ecological correlates of seed mass variation in <i>Phoradendron juniperinum</i> , a xylem-tapping mistletoe. <i>Oecologia</i> , 1991, 85, 332-342.	2.0	27
147	Genetic variation in and covariation between leaf gas exchange, morphology, and development in <i>Polygonum arenastrum</i> , an annual plant. <i>Oecologia</i> , 1990, 85, 153-158.	2.0	149
148	SEX-RATIO AND REPRODUCTIVE VARIATION IN THE MISTLETOE PHORADENDRON JUNIPERINUM (VISCACEAE). <i>American Journal of Botany</i> , 1990, 77, 584-589.	1.7	20
149	AGE STRUCTURE OF PHORADENDRON JUNIPERINUM (VISCACEAE), A XYLEM-TAPPING MISTLETOE: INFERENCES FROM A NON-DESTRUCTIVE MORPHOLOGICAL INDEX OF AGE. <i>American Journal of Botany</i> , 1990, 77, 573-583.	1.7	19
150	Age Structure of <i>Phoradendron juniperinum</i> (Viscaceae), a Xylem-Tapping Mistletoe: Inferences from a Non-Destructive Morphological Index of Age. <i>American Journal of Botany</i> , 1990, 77, 573.	1.7	5
151	Sex-Ratio and Reproductive Variation in the Mistletoe <i>Phoradendron juniperinum</i> (Viscaceae). <i>American Journal of Botany</i> , 1990, 77, 584.	1.7	8
152	Data wanted on phenology. <i>Journal of Tropical Ecology</i> , 1989, 5, 238-238.	1.1	0