

John M Dwyer

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,353
citations

257450

24
h-index

243625

44
g-index

76
all docs

76
docs citations

76
times ranked

4633
citing authors

#	ARTICLE	IF	CITATIONS
1	“Invasion debt” after extensive land-use change: An example from eastern Australia. <i>Journal of Environmental Management</i> , 2022, 302, 114051.	7.8	7
2	Variable seed bed microsite conditions and light influence germination in Australian winter annuals. <i>Oecologia</i> , 2022, 198, 865-875.	2.0	4
3	Plant size and neighbourhood characteristics influence survival and growth in a restored ex-agricultural ecosystem. <i>Ecological Solutions and Evidence</i> , 2022, 3, .	2.0	3
4	Drivers of <i>Acacia</i> and <i>Eucalyptus</i> growth rate differ in strength and direction in restoration plantings across Australia. <i>Ecological Applications</i> , 2022, , e2636.	3.8	2
5	An invasive grass species has both local and broad-scale impacts on diversity: Potential mechanisms and implications. <i>Journal of Vegetation Science</i> , 2021, 32, .	2.2	6
6	Restoration thinning permits stems to capitalize on high-rainfall years in a regenerating endangered forest ecosystem. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12043.	2.0	2
7	Climatic and evolutionary contexts are required to infer plant life history strategies from functional traits at a global scale. <i>Ecology Letters</i> , 2021, 24, 970-983.	6.4	19
8	Better left alone: Trying to control pasture grasses in untended rainforest plantings incurs multiple costs and delivers few benefits. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12062.	2.0	2
9	Negative effects of nitrogen override positive effects of phosphorus on grassland legumes worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	40
10	Phenotypic plasticity masks range-wide genetic differentiation for vegetative but not reproductive traits in a short-lived plant. <i>Ecology Letters</i> , 2021, 24, 2378-2393.	6.4	21
11	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
12	Validity of photo-oxidative stress markers and stress-related phytohormones as predictive proxies of mortality risk in the perennial herb <i>Plantago lanceolata</i> . <i>Environmental and Experimental Botany</i> , 2021, 191, 104598.	4.2	9
13	Managed livestock grazing for conservation outcomes in a Queensland fragmented landscape. <i>Ecological Management and Restoration</i> , 2021, 22, 5-9.	1.5	6
14	Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. <i>Ecology and Evolution</i> , 2021, 11, 17744-17761.	1.9	8
15	Passive regeneration of subtropical grassland vegetation in a chronosequence of ex-cultivated fields in Australia. <i>Applied Vegetation Science</i> , 2021, 24, .	1.9	1
16	Comparing the recovery of richness, structure, and biomass in naturally regrowing and planted reforestation. <i>Restoration Ecology</i> , 2020, 28, 347-357.	2.9	16
17	Requirements for the spatial storage effect are weakly evident for common species in natural annual plant assemblages. <i>Ecology</i> , 2020, 101, e03185.	3.2	10
18	Global gene flow releases invasive plants from environmental constraints on genetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4218-4227.	7.1	108

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19	Refuge-dependent herbivory controls a key macroalga on coral reefs. <i>Coral Reefs</i> , 2020, 39, 953-965.	2.2	12
20	Direct climate effects are more influential than functional composition in determining future gross primary productivity. <i>Landscape Ecology</i> , 2020, 35, 969-984.	4.2	2
21	Community diversity outweighs effect of warming on plant colonization. <i>Global Change Biology</i> , 2020, 26, 3079-3090.	9.5	17
22	Species-specific effects of herbivorous fishes on the establishment of the macroalga <i>Lobophora</i> on coral reefs. <i>Marine Ecology - Progress Series</i> , 2020, 637, 1-14.	1.9	6
23	Productivity does not correlate with species and functional diversity in Australian reforestation plantings across a wide climate gradient. <i>Global Ecology and Biogeography</i> , 2019, 28, 1417-1429.	5.8	28
24	Look to seedling heights, rather than functional traits, to explain survival during extreme heat stress in the early stages of subtropical rainforest restoration. <i>Journal of Applied Ecology</i> , 2019, 56, 2687-2697.	4.0	18
25	Landscape structure mediates zoochorous-dispersed seed rain under isolated pasture trees across distinct tropical regions. <i>Landscape Ecology</i> , 2019, 34, 1347-1362.	4.2	11
26	Applied ecological research is on the rise but connectivity barriers persist between four major subfields. <i>Journal of Applied Ecology</i> , 2019, 56, 1492-1498.	4.0	13
27	Water availability drives aboveground biomass and bird richness in forest restoration plantings to achieve carbon and biodiversity cobenefits. <i>Ecology and Evolution</i> , 2019, 9, 14379-14393.	1.9	6
28	A regional-scale assessment of using metabolic scaling theory to predict ecosystem properties. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20192221.	2.6	5
29	Predicting community rank-abundance distributions under current and future climates. <i>Ecography</i> , 2018, 41, 1572-1582.	4.5	9
30	Generating species assemblages for restoration and experimentation: A new method that can simultaneously converge on average trait values and maximize functional diversity. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1764-1771.	5.2	39
31	Herbivores safeguard plant diversity by reducing variability in dominance. <i>Journal of Ecology</i> , 2018, 106, 101-112.	4.0	40
32	Plant community responses to thinning in densely regenerating <i>Acacia harpophylla</i> forest. <i>Restoration Ecology</i> , 2018, 26, 97-105.	2.9	12
33	Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. <i>Nature Ecology and Evolution</i> , 2018, 2, 50-56.	7.8	172
34	Species wood density and the location of planted seedlings drive early-stage seedling survival during tropical forest restoration. <i>Journal of Applied Ecology</i> , 2018, 55, 1009-1018.	4.0	30
35	Regional climate and local-scale biotic acceptance explain native-exotic richness relationships in Australian annual plant communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181328.	2.6	3
36	Seedling growth responses to species, neighborhood, and landscape-scale effects during tropical forest restoration. <i>Ecosphere</i> , 2018, 9, e02386.	2.2	15

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37	Use of seasonal forecasting to manage weather risk in ecological restoration. <i>Ecological Applications</i> , 2018, 28, 1797-1807.	3.8	16
38	What motivates ecological restoration?. <i>Restoration Ecology</i> , 2017, 25, 832-843.	2.9	60
39	Constraints on trait combinations explain climatic drivers of biodiversity: the importance of trait covariance in community assembly. <i>Ecology Letters</i> , 2017, 20, 872-882.	6.4	79
40	Optimal climate for large trees at high elevations drives patterns of biomass in remote forests of Papua New Guinea. <i>Global Change Biology</i> , 2017, 23, 4873-4883.	9.5	33
41	Selection on trait combinations along environmental gradients. <i>Journal of Vegetation Science</i> , 2017, 28, 672-673.	2.2	18
42	Effects of exotic annual grass litter and local environmental gradients on annual plant community structure. <i>Biological Invasions</i> , 2017, 19, 479-491.	2.4	16
43	Rainforest seed rain into abandoned tropical Australian pasture is dependent on adjacent rainforest structure and extent. <i>Austral Ecology</i> , 2017, 42, 238-249.	1.5	19
44	Isolation predicts compositional change after discrete disturbances in a global meta-analysis. <i>Ecography</i> , 2017, 40, 1256-1266.	4.5	18
45	Reproductive size thresholds and seedling survival in <i>Acacia harpophylla</i> (Mimosaceae). <i>Australian Journal of Botany</i> , 2017, 65, 438.	0.6	3
46	Potential mechanisms of coexistence in closely related forbs. <i>Oikos</i> , 2016, 125, 1812-1823.	2.7	14
47	Impacts of nitrogen addition on plant biodiversity in mountain grasslands depend on dose, application duration and climate: a systematic review. <i>Global Change Biology</i> , 2016, 22, 110-120.	9.5	161
48	Species origin affects the rate of response to inter-annual growing season precipitation and nutrient addition in four Australian native grasslands. <i>Journal of Vegetation Science</i> , 2016, 27, 1164-1176.	2.2	18
49	Estimating plant abundances from crown cover and forest structure data reveals size-dependent patterns of rarity in subtropical Australia. <i>Applied Vegetation Science</i> , 2016, 19, 700-710.	1.9	3
50	Warmer seed environments increase germination fractions in Australian winter annual plant species. <i>Ecosphere</i> , 2016, 7, e01497.	2.2	24
51	Passive restoration of subtropical grassland after abandonment of cultivation. <i>Journal of Applied Ecology</i> , 2016, 53, 274-283.	4.0	62
52	Climate moderates release from nutrient limitation in natural annual plant communities. <i>Global Ecology and Biogeography</i> , 2015, 24, 549-561.	5.8	47
53	Distinct invasion strategies operating within a natural annual plant system. <i>Ecology Letters</i> , 2015, 18, 336-346.	6.4	53
54	The germination strategies of widespread annual plants are unrelated to regional climate. <i>Global Ecology and Biogeography</i> , 2014, 23, 1430-1439.	5.8	22

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55	Do local moisture stress responses across tree species reflect dry limits of their geographic ranges?. <i>Austral Ecology</i> , 2014, 39, 612-618.	1.5	11
56	Specific leaf area responses to environmental gradients through space and time. <i>Ecology</i> , 2014, 95, 399-410.	3.2	149
57	Mapping forest growth and degradation stage in the Brigalow Belt Bioregion of Australia through integration of ALOS PALSAR and Landsat-derived foliage projective cover data. <i>Remote Sensing of Environment</i> , 2014, 155, 42-57.	11.0	27
58	Adaptive paternal effects? Experimental evidence that the paternal environment affects offspring performance. <i>Ecology</i> , 2013, 94, 2575-2582.	3.2	87
59	Differences in forest plant functional trait distributions across land use and productivity gradients. <i>American Journal of Botany</i> , 2013, 100, 1356-1368.	1.7	21
60	Propagule pressure, not fire or cattle grazing, promotes invasion of buffel grass <i>Cenchrus ciliaris</i> . <i>Journal of Applied Ecology</i> , 2013, 50, 138-146.	4.0	37
61	Potential aboveground biomass in drought-prone forest used for rangeland pastoralism. <i>Ecological Applications</i> , 2012, 22, 894-908.	3.8	19
62	Fertilization Is Not a New Beginning: The Relationship between Sperm Longevity and Offspring Performance. <i>PLoS ONE</i> , 2012, 7, e49167.	2.5	31
63	An Approach to Mapping Forest Growth Stages in Queensland, Australia through Integration of ALOS PALSAR and Landsat Sensor Data. <i>Remote Sensing</i> , 2012, 4, 2236-2255.	4.0	18
64	The effect of clearing on plant composition in mulga (<i>Acacia aneura</i>) dry forest, Australia. <i>Austral Ecology</i> , 2012, 37, 183-192.	1.5	12
65	Plant species richness responses to grazing protection and degradation history in a low productivity landscape. <i>Journal of Vegetation Science</i> , 2011, 22, 997-1008.	2.2	40
66	Neighbourhood effects influence drought-induced mortality of savanna trees in Australia. <i>Journal of Vegetation Science</i> , 2010, 21, 573-585.	2.2	26
67	Restoration thinning accelerates structural development and carbon sequestration in an endangered Australian ecosystem. <i>Journal of Applied Ecology</i> , 2010, 47, 681-691.	4.0	72
68	Vegetation responses to the first 20 years of cattle grazing in an Australian desert. <i>Ecology</i> , 2010, 91, 681-692.	3.2	46
69	Forest parameter retrieval from SAR data using an estimation algorithm applied to regrowing forest stands in Queensland, Australia. , 2010, , .		1
70	Agricultural legacy, climate, and soil influence the restoration and carbon potential of woody regrowth in Australia. , 2010, 20, 1838-1850.		26
71	An Evaluation of the ALOS PALSAR L-Band Backscatter "Above Ground Biomass Relationship Queensland, Australia: Impacts of Surface Moisture Condition and Vegetation Structure. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2010, 3, 576-593.	4.9	216
72	Carbon for conservation: Assessing the potential for win-win investment in an extensive Australian regrowth ecosystem. <i>Agriculture, Ecosystems and Environment</i> , 2009, 134, 1-7.	5.3	45

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73	Restoration potential of Brigalow regrowth: Insights from a cross-sectional study in southern Queensland. <i>Ecological Management and Restoration</i> , 2007, 8, 218-221.	1.5	21
74	Diverse outcomes of species interactions in an invaded annual plant community. <i>Journal of Plant Ecology</i> , 0, , rtw102.	2.3	4