David M J S Bowman

List of Publications by Year
in descending order

385 papers	24,216 citations	15001 68 h-index	12940 136 g-index
404 all docs	404 docs citations	404 times ranked	22436 citing authors

#	Article	IF	Citations
1	Global increase in wildfire risk due to climateâ€driven declines in fuel moisture. Global Change Biology, 2022, 28, 1544-1559.	4.2	80
2	Dynamics and predicted distribution of an irrupting â€˜sleeperâ€™ population: fallow deer in Tasmania. Biological Invasions, 2022, 24, 1131-1147.	1.2	11
3	Using permanent forest plots to evaluate the resilience to fire of Tasmaniaâ€™s tall wet eucalypt forests. Forest Ecology and Management, 2022, 505, 119922.	1.4	9
4	Analysis of seasonal and interannual river flows affecting whitewater rafting on the Franklin River in the Tasmanian Wilderness World Heritage Area. Journal of Outdoor Recreation and Tourism, 2022, 37, 100481.	1.3	1
5	Disruption of cultural burning promotes shrub encroachment and unprecedented wildfires. Frontiers in Ecology and the Environment, 2022, 20, 292-300.	1.9	46
6	Bushfires in Tasmania, Australia: An Introduction. Fire, 2022, 5, 33.	1.2	1
7	Reply to: Logging elevated the probability of high-severity fire in the 2019â€“20 Australian forest fires. Nature Ecology and Evolution, 2022, 6, 536-539.	3.4	4
8	Carbon dioxide and particulate emissions from the 2013 Tasmanian firestorm: implications for Australian carbon accounting. Carbon Balance and Management, 2022, 17, .	1.4	2
9	Population collapse of a Gondwanan conifer follows the loss of Indigenous fire regimes in a northern Australian savanna. Scientific Reports, 2022, 12, .	1.6	7
10	Australian forests, megafires and the risk of dwindling carbon stocks. Plant, Cell and Environment, 2021, 44, 347-355.	2.8	49
11	Unprecedented health costs of smoke-related PM2.5 from the 2019â€“20 Australian megafires. Nature Sustainability, 2021, 4, 42-47.	11.5	127
12	The 2016 Tasmanian Wilderness Fires: Fire Regime Shifts and Climate Change in a Gondwanan Biogeographic Refugium. Ecological Studies, 2021, , 133-153.	0.4	7
13	Lack of reliable post-fire recovery mechanisms makes the iconic Tasmanian conifer. Australian Journal of Botany, 2021, 69, 162-173.	0.3	4
14	Combating ecosystem collapse from the tropics to the Antarctic. Global Change Biology, 2021, 27, 1692-1703.	4.2	128
15	Indigenous Fire-Managed Landscapes in Southeast Australia during the Holoceneâ€”New Insights from the Furneaux Group Islands, Bass Strait. Fire, 2021, 4, 17.	1.2	11
16	Environmental Hazards and Behavior Change: User Perspectives on the Usability and Effectiveness of the AirRater Smartphone App. International Journal of Environmental Research and Public Health, 2021, 18, 3591.	1.2	10
17	River Flows Are a Reliable Index of Forest Fire Risk in the Temperate Tasmanian Wilderness World Heritage Area, Australia. Fire, 2021, 4, 22.	1.2	5
18	Bioclimatic drivers of fire severity across the Australian geographical range of giant Eucalyptus forests. Journal of Ecology, 2021, 109, 2514-2536.	1.9	11

#	Article	IF	Citations
19	The severity and extent of the Australia 2019â€“20 Eucalyptus forest fires are not the legacy of forest management. Nature Ecology and Evolution, 2021, 5, 1003-1010.	3.4	48
20	Demographic Effects of Severe Fire in Montane Shrubland on Tasmaniaâ€™s Central Plateau. Fire, 2021, 4, 32.	1.2	7
21	Manage fire regimes, not fires. Nature Geoscience, 2021, 14, 455-457.	5.4	44
22	Smoke health costs and the calculus for wildfires fuel management: a modelling study. Lancet Planetary Health, The, 2021, 5, e608-e619.	5.1	19
23	Characterising non-linear associations between airborne pollen counts and respiratory symptoms from the AirRater smartphone app in Tasmania, Australia: A case time series approach. Environmental Research, 2021, 200, 111484.	3.7	22
24	AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254.	2.4	73
25	Fire risk and severity decline with stand development in Tasmanian giant Eucalyptus forest. Forest Ecology and Management, 2021, 502, 119724.	1.4	24
26	Conflagrations and the Wisdom of Aboriginal Sacred Knowledge. Fire, 2021, 4, 88.	1.2	1
27	Fire, herbivores and the management of temperate Eucalyptus savanna in Tasmania: Introducing the Beaufront fire â€“ mammalian herbivore field experiment. Ecological Management and Restoration, 2021, 22, 140-151.	0.7	3
28	What Do the Australian Black Summer Fires Signify for the Global Fire Crisis?. Fire, 2021, 4, 97.	1.2	45
29	A decade of restoring a temperate woodland: Lessons learned and future directions. Ecological Management and Restoration, 2021, 22, 164-174.	0.7	4
30	Carbon isotope analysis shows introduced bovines have broader dietary range than the largest native herbivores in an Australian tropical savanna. Austral Ecology, 2020, 45, 109-121.	0.7	10
31	Can smartphone data identify the local environmental drivers of respiratory disease?. Environmental Research, 2020, 182, 109118.	3.7	25
32	Ocean Beach, Tasmania: A swell-dominated shoreline reaches climate-induced recessional tipping point?. Marine Geology, 2020, 419, 106081.	0.9	9
33	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
34	Using Digital Technology to Protect Health in Prolonged Poor Air Quality Episodes: A Case Study of the AirRater App during the Australian 2019â€“20 Fires. Fire, 2020, 3, 40.	1.2	22
35	Vegetation fires in the Anthropocene. Nature Reviews Earth & Environment, 2020, 1, 500-515.	12.2	419
36	Health Impacts of Ambient Biomass Smoke in Tasmania, Australia. International Journal of Environmental Research and Public Health, 2020, 17, 3264.	1.2	26

#	Article	IF	Citations
37	Variation in Eucalyptus delegatensis post-fire recovery strategies: The Tasmanian subspecies is a resprouter whereas the mainland Australian subspecies is an obligate seeder. Forest Ecology and Management, 2020, 473, 118292.	1.4	9
38	Evolution of a pyrocumulonimbus event associated with an extreme wildfire in Tasmania, Australia. Natural Hazards and Earth System Sciences, 2020, 20, 1497-1511.	1.5	14
39	Classification of Post-Fire Responses of Woody Plants to include Pyrophobic Communities. Fire, 2020, 3, 15.	1.2	13
40	Unprecedented smokeâ€related health burden associated with the 2019â€“20 bushfires in eastern Australia. Medical Journal of Australia, 2020, 213, 282-283.	0.8	198
41	Multiâ€decadal stability of woody cover in a mesic eucalypt savanna in the Australian monsoon tropics. Austral Ecology, 2020, 45, 621-635.	0.7	4
42	Population collapse and retreat to fire refugia of the Tasmanian endemic conifer Athrotaxis selaginoides following the transition from Aboriginal to European fire management. Global Change Biology, 2020, 26, 3108-3121.	4.2	10
43	Exceedances of national air quality standards for particulate matter in Western Australia: sources and healthâ€related impacts. Medical Journal of Australia, 2020, 213, 280-281.	0.8	8
44	Exploring the key drivers of forest flammability in wet eucalypt forests using expert-derived conceptual models. Landscape Ecology, 2020, 35, 1775-1798.	1.9	27
45	Using a natural experiment to foresee the fate of boreal carbon stores. Global Change Biology, 2020, 26, 6028-6031.	4.2	2
46	Distribution and abundance of large herbivores in a northern Australian tropical savanna: A multiâ€scale approach. Austral Ecology, 2020, 45, 529-547.	0.7	12
47	Climate Change, Wildfires, Heatwaves and Health Impacts in Australia. , 2020, , 99-116.		24
48	Wildfires: Australia needs national monitoring agency. Nature, 2020, 584, 188-191.	13.7	78
49	Soil moisture thresholds for combustion of organic soils in western Tasmania. International Journal of Wildland Fire, 2020, 29, 637.	1.0	15
50	Small mammal diversity is higher in infrequently compared with frequently burnt rainforestâ€“savanna mosaics in the north Kimberley, Australia. Wildlife Research, 2020, , .	0.7	6
51	Humanâ€“environmental drivers and impacts of the globally extreme 2017 Chilean fires. Ambio, 2019, 48, 350-362.	2.8	114
52	Is Anthropogenic Pyrodiversity Invisible in Paleofire Records?. Fire, 2019, 2, 42.	1.2	21
53	Fire caused demographic attrition of the Tasmanian palaeoendemic conifer Athrotaxis cupressoides. Austral Ecology, 2019, 44, 1322-1339.	0.7	17
54	Mapping Tasmania's cultural landscapes: Using habitat suitability modelling of archaeological sites as a landscape history tool. Journal of Biogeography, 2019, 46, 2570-2582.	1.4	16

#	Article	IF	Citations
55	Diversity helps fight wildfires. Nature, 2019, 571, 478-478.	13.7	7
56	The legacy of pasture improvement causes recruitment failure in grassy eucalypt woodland conservation reserves in the Midlands of Tasmania. Australian Journal of Botany, 2019, 67, 558.	0.3	3
57	Turnover of southern cypresses in the postâ€Gondwanan world: extinction, transoceanic dispersal, adaptation and rediversification. New Phytologist, 2019, 221, 2308-2319.	3.5	21
58	Biomass consumption by surface fires across Earth's most fire prone continent. Global Change Biology, 2019, 25, 254-268.	4.2	39
59	Predicting the minimum height of forest fire smoke within the atmosphere using machine learning and data from the CALIPSO satellite. Remote Sensing of Environment, 2018, 206, 98-106.	4.6	50
60	The changing role of fire in conifer-dominated temperate rainforest through the last 14,000 years. Quaternary Science Reviews, 2018, 182, 37-47.	1.4	20
61	Differential demographic filtering by surface fires: How fuel type and fuel load affect sapling mortality of an obligate seeder savanna tree. Journal of Ecology, 2018, 106, 1010-1022.	1.9	10
62	Geographic Patterns of Fire Severity Following an Extreme Eucalyptus Forest Fire in Southern Australia: 2013 Forcett-Dunalley Fire. Fire, 2018, 1, 40.	1.2	35
63	Using Digital Surface Models from UAS Imagery of Fire Damaged Sphagnum Peatlands for Monitoring and Hydrological Restoration. Drones, 2018, 2, 45.	2.7	11
64	Do Mixed Fire Regimes Shape Plant Flammability and Post-Fire Recovery Strategies?. Fire, 2018, 1, 39.	1.2	22
65	Extensible Database of Validated Biomass Smoke Events for Health Research. Fire, 2018, 1, 50.	1.2	3
66	Centennial-scale trends in the Southern Annular Mode revealed by hemisphere-wide fire and hydroclimatic trends over the past 2400 years. Geology, 2018, 46, 363-366.	2.0	15
67	Can Air Quality Management Drive Sustainable Fuels Management at the Temperate Wildlandâ€“Urban Interface?. Fire, 2018, 1, 27.	1.2	12
68	Can trophic rewilding reduce the impact of fire in a more flammable world?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170443.	1.8	45
69	Biomimicry can help humans to coexist sustainably with fire. Nature Ecology and Evolution, 2018, 2, 1827-1829.	3.4	18
70	Using smartphone technology to reduce health impacts from atmospheric environmental hazards. Environmental Research Letters, 2018, 13, 044019.	2.2	40
71	Pleistocene divergence of two disjunct conifers in the eastern Australian temperate zone. Biological Journal of the Linnean Society, 2018, , .	0.7	3
72	Climate Change Amplifications of Climateâ€Fire Teleconnections in the Southern Hemisphere. Geophysical Research Letters, 2018, 45, 5071-5081.	1.5	53

#	Article	IF	Citations
73	Biological responses to the press and pulse of climate trends and extreme events. Nature Climate Change, 2018, 8, 579-587.	8.1	330
74	Wildfire science is at a loss for comprehensive data. Nature, 2018, 560, 7-7.	13.7	25
75	Introducing Fire: A Transdisciplinary Journal to Advance Understanding and Management of Landscape Fires from Local to Global Scales in the Past, Present, and Future. Fire, 2018, 1, 2.	1.2	3
76	Conceptualizing Ecological Flammability: An Experimental Test of Three Frameworks Using Various Types and Loads of Surface Fuels. Fire, 2018, 1, 14.	1.2	17
77	Comparing the height and area of wild and prescribed fire particle plumes in south-east Australia using weather radar. International Journal of Wildland Fire, 2018, 27, 525.	1.0	13
78	Simulating the effectiveness of prescribed burning at altering wildfire behaviour in Tasmania, Australia. International Journal of Wildland Fire, 2018, 27, 15.	1.0	28
79	Demographic vulnerability of an extreme xerophyte in arid Australia. Australian Journal of Botany, 2018, 66, 26.	0.3	4
80	Effect of experimental fire on seedlings of Australian and Gondwanan trees species from a Tasmanian montane vegetation mosaic. Australian Journal of Botany, 2018, 66, 511.	0.3	7
81	Aboriginal impacts on fire and vegetation on a Tasmanian island. Journal of Biogeography, 2017, 44, 1319-1330.	1.4	20
82	Human exposure and sensitivity to globally extreme wildfire events. Nature Ecology and Evolution, 2017, 1, 58.	3.4	359
83	Water, land, fire, and forest: Multiâ€scale determinants of rainforests in the Australian monsoon tropics. Ecology and Evolution, 2017, 7, 1592-1604.	0.8	19
84	When will the jungle burn?. Nature Climate Change, 2017, 7, 390-391.	8.1	4
85	Air quality policy and fire management responses addressing smoke from wildland fires in the United States and Australia. International Journal of Wildland Fire, 2017, 26, 347.	1.0	17
86	High post-fire mortality of resprouting woody plants in Tasmanian Mediterranean-type vegetation. International Journal of Wildland Fire, 2017, 26, 532.	1.0	22
87	Fire is a major driver of patterns of genetic diversity in two coâ€occurring Tasmanian palaeoendemic conifers. Journal of Biogeography, 2017, 44, 1254-1267.	1.4	12
88	Renewal ecology: conservation for the Anthropocene. Restoration Ecology, 2017, 25, 674-680.	1.4	41
89	Soil or fire: what causes treeless sedgelands in Tasmanian wet forests?. Plant and Soil, 2017, 420, 1-18.	1.8	31
90	Substrate controls growth rates of the woody pioneer Leptospermum lanigerum colonizing montane grasslands in northern Tasmania. Austral Ecology, 2017, 42, 9-19.	0.7	9

#	Article	IF	Citations
91	Fire and cattle disturbance affects vegetation structure and rain forest expansion into savanna in the Australian monsoon tropics. Journal of Biogeography, 2017, 44, 2331-2342.	1.4	17
92	Does inherent flammability of grass and litter fuels contribute to continental patterns of landscape fire activity?. Journal of Biogeography, 2017, 44, 1225-1238.	1.4	38
93	Vegetation, fire and soil feedbacks of dynamic boundaries between rainforest, savanna and grassland. Austral Ecology, 2017, 42, 154-164.	0.7	12
94	Collaborative Research on the Ecology and Management of the â€˜Wuloâ€™ Monsoon Rainforest in Wunambal Gaambera Country, North Kimberley, Australia. Land, 2017, 6, 68.	1.2	17
95	Impact of high-severity fire in a Tasmanian dry eucalypt forest. Australian Journal of Botany, 2016, 64, 193.	0.3	40
96	A transdisciplinary approach to understanding the health effects of wildfire and prescribed fire smoke regimes. Environmental Research Letters, 2016, 11, 125009.	2.2	84
97	Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. Biogeosciences, 2016, 13, 2537-2562.	1.3	108
98	Response: A commentary on â€œEucalyptus obliqua seedling growth in organic vs. mineral soil horizonsâ€. Frontiers in Plant Science, 2016, 7, 52.	1.7	1
99	Wildfire risk as a socioecological pathology. Frontiers in Ecology and the Environment, 2016, 14, 276-284.	1.9	164
100	Measurement of inter- and intra-annual variability of landscape fire activity at a continental scale: the Australian case. Environmental Research Letters, 2016, 11, 035003.	2.2	49
101	A systematic review of the impacts and management of introduced deer (family Cervidae) in Australia. Wildlife Research, 2016, 43, 515.	0.7	100
102	The Science of Firescapes: Achieving Fire-Resilient Communities. BioScience, 2016, 66, 130-146.	2.2	157
103	Pyrodiversity is the coupling of biodiversity and fire regimes in food webs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150169.	1.8	125
104	The pyrohealth transition: how combustion emissions have shaped health through human history. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150173.	1.8	16
105	Global combustion: the connection between fossil fuel and biomass burning emissions (1997â€“2010). Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150177.	1.8	12
106	Pattern, prediction and parsimony in continentalâ€scale synthesis of pyromes: a reply to Gosper etÂal.. Journal of Biogeography, 2016, 43, 636-638.	1.4	0
107	Pyrodiversityâ€”why managing fire in food webs is relevant to restoration ecology. Restoration Ecology, 2016, 24, 848-853.	1.4	22
108	Regional and seasonal variation in airborne grass pollen levels between cities of Australia and New Zealand. Aerobiologia, 2016, 32, 289-302.	0.7	34

#	Article	IF	Citations
109	Fire regime and vegetation change in the transition from Aboriginal to European land management in a Tasmanian eucalypt savanna. Australian Journal of Botany, 2016, 64, 427.	0.3	20
110	Cause and effects of a megafire in sedge-heathland in the Tasmanian temperate wilderness. Australian Journal of Botany, 2016, 64, 513.	0.3	22
111	Climateâ€“vegetationâ€“fire interactions and feedbacks: trivial detail or major barrier to projecting the future of the Earth system?. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 910-931.	3.6	76
112	Gondwanan conifer clones imperilled by bushfire. Scientific Reports, 2016, 6, 33930.	1.6	9
113	Future changes in climatic water balance determine potential for transformational shifts in Australian fire regimes. Environmental Research Letters, 2016, 11, 065002.	2.2	43
114	The relative importance of intrinsic and extrinsic factors in the decline of obligate seeder forests. Global Ecology and Biogeography, 2016, 25, 1166-1172.	2.7	54
115	Human-Imposed, Fine-Grained Patch Burning Explains the Population Stability of a Fire-Sensitive Conifer in a Frequently Burnt Northern Australia Savanna. Ecosystems, 2016, 19, 896-909.	1.6	18
116	Transient hybridization, not homoploid hybrid speciation, between ancient and deeply divergent conifers. American Journal of Botany, 2016, 103, 246-259.	0.8	16
117	Post-fire resprouting strategies of rainforest and savanna saplings along the rainforestâ€“savanna boundary in the Australian monsoon tropics. Plant Ecology, 2016, 217, 711-724.	0.7	19
118	Local and global pyrogeographic evidence that indigenous fire management creates pyrodiversity. Ecology and Evolution, 2015, 5, 1908-1918.	0.8	116
119	Differences in grass pollen allergen exposure across Australia. Australian and New Zealand Journal of Public Health, 2015, 39, 51-55.	0.8	42
120	Evaluating carbon storage in restoration plantings in the Tasmanian Midlands, a highly modified agricultural landscape. Rangeland Journal, 2015, 37, 477.	0.4	11
121	Modeling vegetation mosaics in sub-alpine Tasmania under various fire regimes. Modeling Earth Systems and Environment, 2015, 1, 1.	1.9	17
122	Aerial sowing stopped the loss of alpine ash (Eucalyptus delegatensis) forests burnt by three short-interval fires in the Alpine National Park, Victoria, Australia. Forest Ecology and Management, 2015, 342, 39-48.	1.4	49
123	Eucalyptus obliqua seedling growth in organic vs. mineral soil horizons. Frontiers in Plant Science, 2015, 6, 97.	1.7	12
124	Effect of landscape fires on the demography of the endangered New Caledonian conifer Callitris sulcata. Biological Conservation, 2015, 191, 130-138.	1.9	7
125	Trajectory of change in land cover and carbon stocks following European settlement in Tasmania, Australia. Anthropocene, 2015, 9, 33-40.	1.6	9
126	Climate-induced variations in global wildfire danger from 1979 to 2013. Nature Communications, 2015, 6, 7537.	5.8	1,224

#	Article	IF	Citations
127	What is the relevance of pyrogeography to the Anthropocene?. Infrastructure Asset Management, 2015, 2, 73-76.	1.2	11
128	Feedbacks and landscape-level vegetation dynamics. Trends in Ecology and Evolution, 2015, 30, 255-260.	4.2	77
129	Aboriginal myth meets DNA analysis. Nature, 2015, 520, 33-33.	13.7	13
130	High-throughput linkage mapping of Australian white cypress pine (Callitris glaucophylla) and map transferability to related species. Tree Genetics and Genomes, 2015, 11, 1.	0.6	70
131	Interval squeeze: altered fire regimes and demographic responses interact to threaten woody species persistence as climate changes. Frontiers in Ecology and the Environment, 2015, 13, 265-272.	1.9	352
132	Effects of highâ€severity fire drove the population collapse of the subalpine Tasmanian endemic conifer Athrotaxis cupressoides. Global Change Biology, 2015, 21, 445-458.	4.2	65
133	Macroecology of Australian Tall Eucalypt Forests: Baseline Data from a Continental-Scale Permanent Plot Network. PLoS ONE, 2015, 10, e0137811.	1.1	35
134	Phosphorus limits Eucalyptus grandis seedling growth in an unburnt rain forest soil. Frontiers in Plant Science, 2014, 5, 527.	1.7	30
135	Across a macro-ecological gradient forest competition is strongest at the most productive sites. Frontiers in Plant Science, 2014, 5, 260.	1.7	28
136	Have plants evolved to self-immolate?. Frontiers in Plant Science, 2014, 5, 590.	1.7	58
137	A grassâ€“fire cycle eliminates an obligateâ€seeding tree in a tropical savanna. Ecology and Evolution, 2014, 4, 4185-4194.	0.8	51
138	Letting giants be â€“ rethinking active fire management of oldâ€growth eucalypt forest in the <scp>A</scp>ustralian tropics. Journal of Applied Ecology, 2014, 51, 555-559.	1.9	8
139	Abrupt fire regime change may cause landscapeâ€wide loss of mature obligate seeder forests. Global Change Biology, 2014, 20, 1008-1015.	4.2	178
140	Bushfire Smoke: An Exemplar of Coupled Human and Natural Systems. Geographical Research, 2014, 52, 45-54.	0.9	20
141	Projecting canopy cover change in Tasmanian eucalypt forests using dynamically downscaled regional climate models. Regional Environmental Change, 2014, 14, 1373-1386.	1.4	17
142	Genetic evidence for paternal inheritance of the chloroplast in four Australian Callitris species (Cupressaceae). Journal of Forest Research, 2014, 19, 244-248.	0.7	11
143	Cattle grazing does not reduce fire severity in eucalypt forests and woodlands of the Australian Alps. Austral Ecology, 2014, 39, 462-468.	0.7	15
144	Savanna Vegetation-Fire-Climate Relationships Differ Among Continents. Science, 2014, 343, 548-552.	6.0	500

#	Article	IF	Citations
145	Big eucalypts grow more slowly in a warm climate: evidence of an interaction between tree size and temperature. Global Change Biology, 2014, 20, 2793-2799.	4.2	46
146	A warmer world will reduce tree growth in evergreen broadleaf forests: evidence from <scp>A</scp>ustralian temperate and subtropical eucalypt forests. Global Ecology and Biogeography, 2014, 23, 925-934.	2.7	66
147	Using a rainforest-flame forest mosaic to test the hypothesis that leaf and litter fuel flammability is under natural selection. Oecologia, 2014, 176, 1123-1133.	0.9	30
148	Bushfires, Human Health Economics, and Pyrogeography. Geographical Research, 2014, 52, 340-343.	0.9	8
149	Aborigineâ€managed forest, savanna and grassland: biome switching in montane eastern Australia. Journal of Biogeography, 2014, 41, 1492-1505.	1.4	25
150	The legacy of midâ€Holocene fire on a Tasmanian montane landscape. Journal of Biogeography, 2014, 41, 476-488.	1.4	61
151	Pyrogeographic models, feedbacks and the future of global fire regimes. Global Ecology and Biogeography, 2014, 23, 821-824.	2.7	51
152	Pyrogeography, historical ecology, and the human dimensions of fire regimes. Journal of Biogeography, 2014, 41, 833-836.	1.4	47
153	Predicting the future range and abundance of fallow deer in Tasmania, Australia. Wildlife Research, 2014, 41, 633.	0.7	16
154	The Macroecology of Airborne Pollen in Australian and New Zealand Urban Areas. PLoS ONE, 2014, 9, e97925.	1.1	58
155	USING SPATIO - TEMPORAL MODELLING AS A DECISION SUPPORT TOOL FOR MANAGEMENT OF A NATIVE PEST HERBIVORE. Applied Ecology and Environmental Research, 2014, 12, 163-178.	0.2	1
156	Genetic structure of introduced swamp buffalo subpopulations in tropical Australia. Austral Ecology, 2013, 38, 46-56.	0.7	2
157	A conceptual framework for predicting temperate ecosystem sensitivity to human impacts on fire regimes. Global Ecology and Biogeography, 2013, 22, 900-912.	2.7	128
158	Pyrogeography and the Global Quest for Sustainable Fire Management. Annual Review of Environment and Resources, 2013, 38, 57-80.	5.6	95
159	From desert to rainforest, sapwood width is similar in the widespread conifer Callitris columellaris. Trees - Structure and Function, 2013, 27, 123-129.	0.9	2
160	On the delineation of tropical vegetation types with an emphasis on forest/savanna transitions. Plant Ecology and Diversity, 2013, 6, 101-137.	1.0	105
161	Fire regimes of <scp>A</scp>ustralia: a pyrogeographic model system. Journal of Biogeography, 2013, 40, 1048-1058.	1.4	215
162	Brave new green world â€“ Consequences of a carbon economy for the conservation of Australian biodiversity. Biological Conservation, 2013, 161, 71-90.	1.9	61

#	Article	IF	Citations
163	Forest fire management, climate change, and the risk of catastrophic carbon losses. Frontiers in Ecology and the Environment, 2013, 11, 66-67.	1.9	104
164	Detecting trends in tree growth: not so simple. Trends in Plant Science, 2013, 18, 11-17.	4.3	222
165	Land clearance not dieback continues to drive tree loss in a Tasmanian rural landscape. Regional Environmental Change, 2013, 13, 955-967.	1.4	11
166	Climate, not Aboriginal landscape burning, controlled the historical demography and distribution of fire-sensitive conifer populations across Australia. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132182.	1.2	31
167	Conservative water management in the widespread conifer genus Callitris. AoB PLANTS, 2013, 5, plt052-plt052.	1.2	25
168	Contracting Tasmanian montane grasslands within a forest matrix is consistent with cessation of Aboriginal fire management. Austral Ecology, 2013, 38, 627-638.	0.7	35
169	A report of capture myopathy in the Tasmanian pademelon (Thylogale billardierii). Animal Welfare, 2013, 22, 1-4.	0.3	10
170	Cultural legacies, fire ecology, and environmental change in the Stone Country of Arnhem Land and Kakadu National Park, Australia. Ecology and Evolution, 2013, 3, 286-297.	0.8	30
171	Satellite-based comparison of fire intensity and smoke plumes from prescribed fires and wildfires in south-eastern Australia. International Journal of Wildland Fire, 2013, 22, 121.	1.0	37
172	Arbuscular-Mycorrhizal Networks Inhibit Eucalyptus tetrodonta Seedlings in Rain Forest Soil Microcosms. PLoS ONE, 2013, 8, e57716.	1.1	27
173	Plant Traits Demonstrate That Temperate and Tropical Giant Eucalypt Forests Are Ecologically Convergent with Rainforest Not Savanna. PLoS ONE, 2013, 8, e84378.	1.1	29
174	Estimated Global Mortality Attributable to Smoke from Landscape Fires. Environmental Health Perspectives, 2012, 120, 695-701.	2.8	576
175	Bring elephants to Australia?. Nature, 2012, 482, 30-30.	13.7	54
176	Not an ancient relic: the endemicLivistonapalms of arid central Australia could have been introduced by humans. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2652-2661.	1.2	40
177	Giant eucalypts â€“ globally unique fireâ€adapted rainâ€forest trees?. New Phytologist, 2012, 196, 1001-1014.	3.5	95
178	Experimental comparison of aerial larvicides and habitat modification for controlling diseaseâ€carrying Aedes vigilax mosquitoes. Pest Management Science, 2012, 68, 709-717.	1.7	4
179	Humid tropical rain forest has expanded into eucalypt forest and savanna over the last 50 years. Ecology and Evolution, 2012, 2, 34-45.	0.8	36
180	Variation in stem radial growth of the Australian conifer, Callitris columellaris, across the worldâ€™s driest and least fertile vegetated continent. Trees - Structure and Function, 2012, 26, 1169-1179.	0.9	11

#	Article	IF	Citations
181	Did central Australian megafaunal extinction coincide with abrupt ecosystem collapse or gradual climate change?. Global Ecology and Biogeography, 2012, 21, 142-151.	2.7	18
182	Fire weather risk differs across rain forestâ€"savanna boundaries in the humid tropics of northâ€eastern Australia. Austral Ecology, 2012, 37, 915-925.	0.7	46
183	Value of longâ€term ecological studies. Austral Ecology, 2012, 37, 745-757.	0.7	326
184	Tree coverâ€"fire interactions promote the persistence of a fireâ€sensitive conifer in a highly flammable savanna. Journal of Ecology, 2012, 100, 958-968.	1.9	68
185	What controls the distribution of tropical forest and savanna?. Ecology Letters, 2012, 15, 748-758.	3.0	333
186	Alternative stable states and the role of fireâ€"vegetationâ€"soil feedbacks in the temperate wilderness of southwest Tasmania. Landscape Ecology, 2012, 27, 13-28.	1.9	85
187	The Relationship between Particulate Pollution Levels in Australian Cities, Meteorology, and Landscape Fire Activity Detected from MODIS Hotspots. PLoS ONE, 2012, 7, e47327.	1.1	36
188	Two-Dimensional MEMS Stage Integrated With Microlens Arrays for Laser Beam Steering. Journal of Microelectromechanical Systems, 2011, 20, 15-17.	1.7	10
189	Flammable biomes dominated by eucalypts originated at the Cretaceousâ€"Palaeogene boundary. Nature Communications, 2011, 2, 193.	5.8	191
190	Population structures of the widespread Australian conifer Callitris columellaris are a bio-indicator of continental environmental change. Forest Ecology and Management, 2011, 262, 252-262.	1.4	42
191	Extreme air pollution events from bushfires and dust storms and their association with mortality in Sydney, Australia 1994â€"2007. Environmental Research, 2011, 111, 811-816.	3.7	229
192	Floristic uniformity across abrupt boundaries between Triodia hummock grassland and Acacia shrubland on an Australian desert sandplain. Journal of Arid Environments, 2011, 75, 1090-1096.	1.2	20
193	Australiaâ€"A Model System for the Development of Pyrogeography. Fire Ecology, 2011, 7, 5-12.	1.1	12
194	A Two-Phase Model for Smoothly Joining Disparate Growth Phases in the Macropodid Thylogale billardierii. PLoS ONE, 2011, 6, e24934.	1.1	7
195	Macropod habitat use and response to management interventions in an agricultural - forest mosaic in north-eastern Tasmania as inferred by scat surveys. Wildlife Research, 2011, 38, 103.	0.7	17
196	Fertility partially drives the relative success of two introduced bovines (Bubalus bubalis and Bos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	0.7	9
197	Validating putatively cross-dated Callitris tree-ring chronologies using bomb-pulse radiocarbon analysis. Australian Journal of Botany, 2011, 59, 7.	0.3	28
198	Firescape ecology: how topography determines the contrasting distribution of fire and rain forest in the south-west of the Tasmanian Wilderness World Heritage Area. Journal of Biogeography, 2011, 38, 1807-1820.	1.4	114

#	Article	IF	Citations
199	The human dimension of fire regimes on Earth. Journal of Biogeography, 2011, 38, 2223-2236.	1.4	845
200	Continental-scale climatic drivers of growth ring variability in an Australian conifer. Trees - Structure and Function, 2011, 25, 925-934.	0.9	13
201	Late 20th century mangrove encroachment in the coastal Australian monsoon tropics parallels the regional increase in woody biomass. Regional Environmental Change, 2011, 11, 19-27.	1.4	26
202	Preliminary Results From the Australian Landscape Fire Smoke Project. Epidemiology, 2011, 22, S186.	1.2	0
203	Isolation and characterization of 52 polymorphic ESTâ€SSR markers for Callitris columellaris (Cupressaceae). American Journal of Botany, 2011, 98, e363-8.	0.8	8
204	Creating an Integrated Historical Record of Extreme Particulate Air Pollution Events in Australian Cities from 1994 to 2007. Journal of the Air and Waste Management Association, 2011, 61, 390-398.	0.9	44
205	Fire-patterned vegetation and the development of organic soils in the lowland vegetation mosaics of south-west Tasmania. Australian Journal of Botany, 2011, 59, 126.	0.3	17
206	The use of Australian bioregions as spatial units of analysis to explore relationships between climate and songbird diversity. Pacific Conservation Biology, 2011, 17, 354.	0.5	8
207	The roles of statistical inference and historical sources in understanding landscape change: the case of feral buffalo in the freshwater floodplains of Kakadu National Park. Journal of Biogeography, 2010, 37, 195-199.	1.4	7
208	Shifts in macropod home ranges in response to wildlife management interventions. Wildlife Research, 2010, 37, 379.	0.7	24
209	Experimental evidence that fire causes a tree recruitment bottleneck in an Australian tropical savanna. Journal of Tropical Ecology, 2010, 26, 595-603.	0.5	65
210	Has global environmental change caused monsoon rainforests to expand in the Australian monsoon tropics?. Landscape Ecology, 2010, 25, 1247-1260.	1.9	64
211	Livistona palms in Australia: Ancient relics or opportunistic immigrants?. Molecular Phylogenetics and Evolution, 2010, 54, 512-523.	1.2	61
212	Xylem function and growth rate interact to determine recovery rates after exposure to extreme water deficit. New Phytologist, 2010, 188, 533-542.	3.5	284
213	Using carbon isotope analysis of the diet of two introduced Australian megaherbivores to understand Pleistocene megafaunal extinctions. Journal of Biogeography, 2010, 37, 499-505.	1.4	22
214	Biogeography of the Australian monsoon tropics. Journal of Biogeography, 2010, 37, 201-216.	1.4	277
215	Using generalized autoregressive error models to understand fireâ€“vegetationâ€“soil feedbacks in a mulgaâ€“spinifex landscape mosaic. Journal of Biogeography, 2010, 37, 2169-2182.	1.4	42
216	Retreating Melaleuca swamp forests in Kakadu National Park: Evidence of synergistic effects of climate change and past feral buffalo impacts. Austral Ecology, 2010, 35, 898-905.	0.7	27

#	Article	IF	Citations
217	Paradise burnt: How colonizing humans transform landscapes with fire. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21234-21235.	3.3	17
218	A wide diversity of epicormic structures is present in Myrtaceae species in the northern Australian savanna biome - implications for adaptation to fire. Australian Journal of Botany, 2010, 58, 493.	0.3	50
219	Age and growth of a fire prone Tasmanian temperate old-growth forest stand dominated by Eucalyptus regnans, the world's tallest angiosperm. Forest Ecology and Management, 2010, 260, 438-447.	1.4	67
220	What limits the distribution and abundance of the native conifer Callitris glaucophylla (Cupressaceae) in the West MacDonnell Ranges, central Australia?. Australian Journal of Botany, 2010, 58, 554.	0.3	9
221	Seasonal pollen distribution in the atmosphere of Hobart, Tasmania: preliminary observations and congruence with flowering phenology. Australian Journal of Botany, 2010, 58, 440.	0.3	9
222	Frequency and season of fires varies with distance from settlement and grass composition in Eucalyptus miniata savannas of the Darwin region of northern Australia. International Journal of Wildland Fire, 2009, 18, 61.	1.0	13
223	Quantifying the Drivers of Larval Density Patterns in Two Tropical Mosquito Species to Maximize Control Efficiency. Environmental Entomology, 2009, 38, 1013-1021.	0.7	18
224	Fire controls population structure in four dominant tree species in a tropical savanna. Oecologia, 2009, 161, 505-515.	0.9	52
225	Pollen Loads and Allergic Rhinitis in Darwin, Australia: A Potential Health Outcome of the Grass-Fire Cycle. EcoHealth, 2009, 6, 99-108.	0.9	35
226	Convergence of Culture, Ecology, and Ethics: Management of Feral Swamp Buffalo in Northern Australia. Journal of Agricultural and Environmental Ethics, 2009, 22, 361-378.	0.9	37
227	The carbon and nitrogen isotope composition of Australian grasses in relation to climate. Functional Ecology, 2009, 23, 1040-1049.	1.7	82
228	Decadal dynamics of tree cover in an Australian tropical savanna. Austral Ecology, 2009, 34, 601-612.	0.7	42
229	Fire in the Earth System. Science, 2009, 324, 481-484.	6.0	2,330
230	Fire-driven land cover change in Australia and W.D. Jacksonâ€™s theory of the fire ecology of southwest Tasmania. , 2009, , 87-111.		9
231	Aboriginal fire use in Australian tropical savannas: Ecological effects and management lessons. , 2009, , 143-167.		14
232	Coexistence of shrubs and grass in a semi-arid landscape: a case study of mulga (Acacia aneura,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 grasslands. Australian Journal of Botany, 2009, 57, 396.	0.3	27
233	Monitoring Contrasting Land Management in the Savanna Landscapes of Northern Australia. Environmental Management, 2008, 41, 501-515.	1.2	27
234	The habitat requirements of four sympatric rockâ€dwelling macropods of the Australian monsoon tropics. Austral Ecology, 2008, 33, 1033-1044.	0.7	11

#	Article	IF	Citations
235	Spatioâ€temporal trends in tree cover of a tropical mesic savanna are driven by landscape disturbance. Journal of Applied Ecology, 2008, 45, 1304-1311.	1.9	63
236	Do feral buffalo (Bubalus bubalis) explain the increase of woody cover in savannas of Kakadu National Park, Australia?. Journal of Biogeography, 2008, 35, 1976-1988.	1.4	30
237	Fire maintains an Acacia aneura shrublandâ€"Triodia grassland mosaic in central Australia. Journal of Arid Environments, 2008, 72, 34-47.	1.2	48
238	Leaf Axil Anatomy and Bud Reserves in 21 Myrtaceae Species from Northern Australia. International Journal of Plant Sciences, 2008, 169, 1174-1186.	0.6	35
239	Temporal and spatial variation of fine roots in a northern Australian Eucalyptus tetrodonta savanna. Journal of Tropical Ecology, 2008, 24, 177-188.	0.5	22
240	Landscape-Scale Factors Influencing Forest Dynamics in Northern Australia. , 2008, , 107-124.		1
241	Dynamics of Acacia aneuraâ€"Triodia boundaries using carbon (14C and Î´13C) and nitrogen (Î´15N) signatures in soil organic matter in central Australia. Holocene, 2007, 17, 311-318.	0.9	27
242	Current and future threats from non-indigenous animal species in northern Australia: a spotlight on World Heritage Area Kakadu National Park. Wildlife Research, 2007, 34, 419.	0.7	70
243	Drivers of rain-forest boundary dynamics in Kakadu National Park, northern Australia: a field assessment. Journal of Tropical Ecology, 2007, 23, 73-86.	0.5	33
244	Niche differentiation and regeneration in the seasonally flooded Melaleuca forests of northern Australia. Journal of Tropical Ecology, 2007, 23, 457-467.	0.5	22
245	Would the Australian megafauna have become extinct if humans had never colonised the continent? Comments on â€œA review of the evidence for a human role in the extinction of Australian megafauna and an alternative explanationâ€•by S. Wroe and J. Field. Quaternary Science Reviews, 2007, 26, 560-564.	1.4	89
246	Sources of carbon isotope variation in kangaroo bone collagen and tooth enamel. Geochimica Et Cosmochimica Acta, 2007, 71, 3847-3858.	1.6	34
247	Seasonal distribution of pollen in the atmosphere of Darwin, tropical Australia: Preliminary results. Grana, 2007, 46, 34-42.	0.4	16
248	A Satellite Analysis of Contrasting Fire Patterns in Aboriginal- and Euro-Australian Lands in Tropical North Australia. Fire Ecology, 2007, 3, 32-47.	1.1	14
249	Phylogeography of an Australian termite, Amitermes laurensis (Isoptera, Termitidae), with special reference to the variety of mound shapes. Molecular Phylogenetics and Evolution, 2007, 42, 236-247.	1.2	22
250	Land management affects grass biomass in the Eucalyptus tetrodonta savannas of monsoonal Australia. Austral Ecology, 2007, 32, 446-452.	0.7	34
251	Seasonal patterns in biomass smoke pollution and the mid 20th-century transition from Aboriginal to European fire management in northern Australia. Global Ecology and Biogeography, 2007, 16, 246-256.	2.7	32
252	Seasonal water availability predicts the relative abundance of C3and C4grasses in Australia. Global Ecology and Biogeography, 2007, 16, 160-169.	2.7	68

#	Article	IF	Citations
253	The interactive effect of temperature and humidity on the oxygen isotope composition of kangaroos. Functional Ecology, 2007, 21, 757-766.	1.7	34
254	Low genetic diversity in the bottlenecked population of endangered non-native banteng in northern Australia. Molecular Ecology, 2007, 16, 2998-3008.	2.0	27
255	The interdependence of fire, grass, kangaroos and Australian Aborigines: a case study from central Arnhem Land, northern Australia. Journal of Biogeography, 2007, 34, 237-250.	1.4	90
256	Multiscale modelling of the drivers of rainforest boundary dynamics in Kakadu National Park, northern Australia. Diversity and Distributions, 2007, 13, 680-691.	1.9	11
257	Growth and survival of two north Australian relictual tree species, Allosyncarpia ternata (Myrtaceae) and Callitris intratropica (Cupressaceae). Ecological Research, 2007, 22, 228-236.	0.7	33
258	Ecohealth and Aboriginal Testimony of the Nexus Between Human Health and Place. EcoHealth, 2007, 4, 489-499.	0.9	52
259	Environmental and allometric drivers of tree growth rates in a north Australian savanna. Forest Ecology and Management, 2006, 234, 164-180.	1.4	57
260	Forty years of lowland monsoon rainforest expansion in Kakadu National Park, Northern Australia. Biological Conservation, 2006, 131, 553-565.	1.9	60
261	Diet of four rock-dwelling macropods in the Australian monsoon tropics. Austral Ecology, 2006, 31, 817-827.	0.7	20
262	Conservation Value of Non-Native Banteng in Northern Australia. Conservation Biology, 2006, 20, 1306-1311.	2.4	33
263	Kangaroo metabolism does not cause the relationship between bone collagen ?15N and water availability. Functional Ecology, 2006, 20, 1062-1069.	1.7	137
264	Postcards from the past: charting the landscape-scale conversion of tropical Australian savanna to closed forest during the 20th century. Landscape Ecology, 2006, 21, 1253-1266.	1.9	66
265	Managing an Endangered Asian Bovid in an Australian National Park: The Role and Limitations of Ecological-Economic Models in Decision-Making. Environmental Management, 2006, 38, 463-469.	1.2	13
266	Late 20th century landscape-wide expansion of Allosyncarpia ternata (Myrtaceae) forests in Kakadu National Park, northern Australia. Australian Journal of Botany, 2006, 54, 707.	0.3	18
267	Is the Carpentarian Rock-rat Zyzomys palatalis critically endangered?. Pacific Conservation Biology, 2006, 12, 134.	0.5	1
268	Scats can reveal the presence and habitat use of cryptic rock-dwelling macropods. Australian Journal of Zoology, 2006, 54, 325.	0.6	22
269	Seasonal patterns in biomass smoke pollution and the mid 20th-century transition from Aboriginal to European fire management in northern Australia. Global Ecology and Biogeography, 2006, .	2.7	0
270	Dynamics of a savanna-forest mosaic in the Australian monsoon tropics inferred from stand structures and historical aerial photography. Australian Journal of Botany, 2005, 53, 185.	0.3	34

#	Article	IF	Citations
271	Understanding a flammable planet â€“ climate, fire and global vegetation patterns. New Phytologist, 2005, 165, 341-345.	3.5	39
272	Healthy Country: Healthy People? Exploring the health benefits of Indigenous natural resource management. Australian and New Zealand Journal of Public Health, 2005, 29, 117-122.	0.8	191
273	Plant Phylogeny and the Origin of Major Biomes. Austral Ecology, 2005, 30, 813-814.	0.7	0
274	Wildfire Smoke, Fire Management, and Human Health. EcoHealth, 2005, 2, 76-80.	0.9	87
275	One equation fits overkill: why allometry underpins both prehistoric and modern body size-biased extinctions. Population Ecology, 2005, 47, 137-141.	0.7	40
276	Intra-specific variation in leaf attributes of four savanna tree species across a rainfall gradient in tropical Australia. Australian Journal of Botany, 2005, 53, 323.	0.3	28
277	Why do evergreen trees dominate the Australian seasonal tropics?. Australian Journal of Botany, 2005, 53, 379.	0.3	101
278	Effects of individual fire events on the flower production of fruit-bearing tree species, with reference to Aboriginal people's management and use, at Kalumburu, North Kimberley, Australia. Australian Journal of Botany, 2004, 52, 405.	0.3	24
279	Holocene boundary dynamics of a northern Australian monsoon rainforest patch inferred from isotopic analysis of carbon, (14C and Î´13C) and nitrogen (Î´15N) in soil organic matter. Austral Ecology, 2004, 29, 605-612.	0.7	25
280	Suppression of wildfires and ideas. Journal of Biogeography, 2004, 31, 859-860.	1.4	0
281	Impact of Aboriginal landscape burning on woody vegetation in Eucalyptus tetrodonta savanna in Arnhem Land, northern Australia. Journal of Biogeography, 2004, 31, 807-817.	1.4	35
282	Contemporary landscape burning patterns in the far North Kimberley region of north-west Australia: human influences and environmental determinants. Journal of Biogeography, 2004, 31, 1317-1333.	1.4	79
283	Isotopic (13C and 14C) evidence supporting the transformative effect of cattle on north Australian vegetation. Journal of Biogeography, 2004, 31, 1373-1375.	1.4	16
284	A multi-scale biogeographical analysis of Bambusa arnhemica, a bamboo from monsoonal northern Australia. Journal of Biogeography, 2004, 31, 1335-1353.	1.4	17
285	Seasonal differences in leaf attributes in Australian tropical tree species: family and habitat comparisons. Functional Ecology, 2004, 18, 707-718.	1.7	59
286	Net woody vegetation increase confined to seasonally inundated lowlands in an Australian tropical savanna, Victoria River District, Northern Territory. Austral Ecology, 2004, 29, 667-683.	0.7	16
287	Landscape analysis of Aboriginal fire management in Central Arnhem Land, north Australia. Journal of Biogeography, 2004, 31, 207-223.	1.4	102
288	The uncertain blitzkrieg of Pleistocene megafauna. Journal of Biogeography, 2004, 31, 517-523.	1.4	101

#	Article	IF	Citations
289	Tree growth rates in north Australian savanna habitats: seasonal patterns and correlations with leaf attributes. Australian Journal of Botany, 2004, 52, 303.	0.3	87
290	Patterns of long-term woody vegetation change in a sandstone-plateau savanna woodland, Northern Territory, Australia. Journal of Tropical Ecology, 2004, 20, 259-270.	0.5	39
291	Effects of fire history on the structure and floristic composition of woody vegetation around Kalumburu, North Kimberley, Australia: a landscape-scale natural experiment. Australian Journal of Botany, 2004, 52, 381.	0.3	59
292	Leaf attributes in the seasonally dry tropics: a comparison of four habitats in northern Australia. Functional Ecology, 2003, 17, 504-515.	1.7	113
293	Effects of fire and drought in a tropical eucalypt savanna colonized by rain forest. Journal of Biogeography, 2003, 30, 1405-1414.	1.4	89
294	Experimental comparison of four remote sensing techniques to map tropical savanna fire-scars using Landsat-TM imagery. International Journal of Wildland Fire, 2003, 12, 341.	1.0	63
295	Bamboo, fire and flood: regeneration of Bambusa arnhemica (Bambuseae: Poaceae) after mass-flowering and die-off at contrasting sites in monsoonal northern Australia. Australian Journal of Botany, 2003, 51, 529.	0.3	24
296	Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management. International Journal of Wildland Fire, 2003, 12, 415.	1.0	86
297	The Getting of the Nganabbarru: Observations and reflections on Aboriginal buffalo hunting in northern Australia. Australian Geographer, 2002, 33, 191-206.	1.0	36
298	Explaining the Pleistocene megafaunal extinctions: Models, chronologies, and assumptions. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14624-14627.	3.3	98
299	In reply: Serial correlation and confounders in timeâ€series air pollution studies. Medical Journal of Australia, 2002, 177, 397-398.	0.8	3
300	Preface: Measuring and imagining: exploring centuries of Australian landscape change. Australian Journal of Botany, 2002, 50, I.	0.3	12
301	Exposure to bushfire smoke and asthma: an ecological study. Medical Journal of Australia, 2002, 176, 535-538.	0.8	98
302	Fire ecology and Aboriginal land management in central Arnhem Land, northern Australia: a tradition of ecosystem management. Journal of Biogeography, 2002, 28, 325-343.	1.4	269
303	Australian biogeography on fire. Journal of Biogeography, 2002, 29, 1105-1106.	1.4	0
304	Can stable carbon isotopes (Î´13C) in soil carbon be used to describe the dynamics of Eucalyptus savanna-rainforest boundaries in the Australian monsoon tropics?. Austral Ecology, 2002, 27, 94-102.	0.7	34
305	The Australian Summer Monsoon: a Biogeographic Perspective. Geographical Research, 2002, 40, 261-277.	0.6	47
306	People and rangeland biodiversity.. , 2002, , 117-129.		0

#	Article	IF	Citations
307	Viewpoint Paper: On the elusive definition of 'Australian rainforest': response to Lynch and Neldner (2000). Australian Journal of Botany, 2001, 49, 785.	0.3	12
308	The 'wilderness effect' and the decline of Callitris intratropica on the Arnhem Land Plateau, northern Australia. Australian Journal of Botany, 2001, 49, 665.	0.3	58
309	Forest expansion and grassland contraction within a Eucalyptus savanna matrix between 1941 and 1994 at Litchfield National Park in the Australian monsoon tropics. Global Ecology and Biogeography, 2001, 10, 535-548.	2.7	115
310	Memoirs of a Green Centurion. Global Ecology and Biogeography, 2001, 10, 577-578.	2.7	0
311	Future eating and country keeping: what role has environmental history in the management of biodiversity?. Journal of Biogeography, 2001, 28, 549-564.	1.4	52
312	Rainforests and Flame Forests: the Great Australian Forest Dichotomy. Geographical Research, 2000, 38, 327-331.	0.6	14
313	What is Australian rainforest?. , 2000, , 25-47.		2
314	Abandoned Orange-footed Scrubfowl (Megapodius reinwardt) nests and coastal rainforest boundary dynamics during the late Holocene in monsoonal Australia. Quaternary International, 1999, 59, 27-38.	0.7	15
315	The impact of Aboriginal landscape burning on the Australian biota. New Phytologist, 1998, 140, 385-410.	3.5	112
316	Marsupial megafauna, Aborigines and the overkill hypothesis: application of predator-prey models to the question of Pleistocene extinction in Australia. Global Ecology and Biogeography, 1998, 7, 167-180.	2.7	16
317	Marsupial Megafauna, Aborigines and the Overkill Hypothesis: Application of Predator-Prey Models to the Question of Pleistocene Extinction in Australia. Global Ecology and Biogeography Letters, 1998, 7, 167.	0.6	27
318	Death of Biodiversity - The Urgent Need for Global Ecology. Global Ecology and Biogeography Letters, 1998, 7, 237.	0.6	2
319	The impact of Aboriginal landscape burning on the Australian biota. New Phytologist, 1998, 140, 385-410.	3.5	335
320	Northern Territory, Australia. Australian Journal of Botany, 1997, 45, 893.	0.3	19
321	Tertiary plant fossils from Australia's 'Top End'. Australian Systematic Botany, 1996, 9, 113.	0.3	30
322	O. T. Solbrig, E. Medina & J. F. Silva 1996. Biodiversity and savanna ecosystem processes: a global perspective. Volume 121 of Ecological studies. Edited by O. L. Lange & H. A. Mooney Springer-Verlag, Heidelberg, Germany. 223 pages. ISBN 3-540-57949-4. Price DM 118.00 (hardback).. Journal of Tropical Ecology, 1996, 12, 804-804.	0.5	0
323	Diversity Patterns of Woody Species on a Latitudinal Transect From the Monsoon Tropics to Desert in the Northern Territory, Australia. Australian Journal of Botany, 1996, 44, 571.	0.3	37
324	Variation in the composition and structure of tropical savannas as a function of rainfall and soil texture along a large-scale climatic gradient in the Northern Territory, Australia. Journal of Biogeography, 1996, 23, 747-756.	1.4	210

#	Article	IF	Citations
325	Does low temperature cause the dominance ofAcaciaon the central Australian mountains? Evidence from a latitudinal gradient from 11Â° to 26Â° South in the Northern Territory, Australia. Journal of Biogeography, 1996, 23, 245-256.	1.4	15
326	Tropical tree stand structures on a seasonally flooded elevation gradient in northern Australia. Australian Geographer, 1996, 27, 31-37.	1.0	5
327	Tropical rain forests. Progress in Physical Geography, 1996, 20, 224-230.	1.4	1
328	Australian monsoon rainforest mammals and possible implications for the conservation of tropical rainforest biodiversity. Monographiae Biologicae, 1996, , 67-69.	0.1	0
329	A comparison of foliar nutrient concentration in trees from monsoon rainforest and savanna in northern Australia. Austral Ecology, 1995, 20, 335-339.	1.2	17
330	Munmarlary revisited: Response of a north Australian Eucalyptus tetrodonta savanna protected from fire for 20 years. Austral Ecology, 1995, 20, 526-531.	0.7	50
331	Pattern and Change in an Acacia aneura Shrubland and Triodia Hummock Grassland Mosaic on Rolling Hills in Central Australia. Australian Journal of Botany, 1995, 43, 25.	0.3	22
332	Two examples of the role of ecological biogeography in Australian prehistory: The fire ecology ofCallitris intratropica,and the spatial pattern of stone tools in the Northern Territory. Australian Archaeology, 1995, 41, 8-11.	0.3	3
333	Fire and cyclone damage to woody vegetation on the north coast of the Northern Territory, Australia. Australian Geographer, 1994, 25, 32-35.	1.0	19
334	Tropical rain forests. Progress in Physical Geography, 1994, 18, 575-581.	1.4	0
335	Fire-Stick Forestry: A Matrix Model in Support of Skilful Fire Management of Callitris intratropica R. T. Baker by North Australian Aborigenes. Journal of Biogeography, 1994, 21, 573.	1.4	66
336	Factors influencing tree growth in tropical savanna: studies of an abrupt Eucalyptus boundary at Yapilika, Melville Island, northern Australia. Journal of Tropical Ecology, 1994, 10, 103-120.	0.5	24
337	Biogeography of Australian monsoon rainforest mammals: implications for the conservation of rainforest mammals. Pacific Conservation Biology, 1994, 1, 98.	0.5	18
338	Environmental Relationships of Orange-footed Scrubfowl Megapodius reinwardt Nests in the Northern Territory. Emu, 1994, 94, 181-185.	0.2	21
339	Establishment of two dry monsoon forest tree species on a fire-protected monsoon forest-savanna boundary, Cobourg Peninsula, northern Australia. Austral Ecology, 1993, 18, 235-237.	0.7	9
340	Allosyncarpia-dominated rain forest in monsoonal northern Australia. Journal of Vegetation Science, 1993, 4, 67-82.	1.1	60
341	Decline of Callitris intratropica R. T. Baker & H. G. Smith in the Northern Territory: Implications for Pre- and Post-European Colonization Fire Regimes. Journal of Biogeography, 1993, 20, 373.	1.4	146
342	Tropical rain forests. Progress in Physical Geography, 1993, 17, 484-492.	1.4	0

#	Article	IF	Citations
343	Environmental Correlates of Tree Species Diversity in Stage III of Kakadu National Park, Northern Australia. Australian Journal of Botany, 1993, 41, 649.	0.3	21
344	Factors that Control Monsoon-Rainforest Seedling Establishment and Growth in North Australian Eucalyptus Savanna. Journal of Ecology, 1993, 81, 297.	1.9	64
345	Differences in the Stand Structure of Eucalyptus tetrodonta Forests Between Elcho Island and Gunn-Point, Northern Australia. Australian Journal of Botany, 1993, 41, 211.	0.3	18
346	Ecology of Callitris glaucophylla (Cupressaceae) on the Macdonnell Ranges, Central Australia. Australian Journal of Botany, 1993, 41, 217.	0.3	33
347	Conservation of Mobile Species in a Variable Environment: The Problem of Reserve Design in the Northern Territory, Australia. Global Ecology and Biogeography Letters, 1992, 2, 1.	0.6	79
348	Monsoon Forests in North-Western Australia. II. Forest-Savanna Transitions. Australian Journal of Botany, 1992, 40, 89.	0.3	53
349	Stand Structure and the Influence of Overwood on Regeneration in Tropical Eucalypt Forest on Melville-Island. Australian Journal of Botany, 1992, 40, 335.	0.3	68
350	Biogeographic Patterns, Environmental Correlates and Conservation of Avifauna in the Northern Territory, Australia. Journal of Biogeography, 1992, 19, 151.	1.4	31
351	Conservation of monsoon rainforest isolates in the Northern Territory, Australia. Biological Conservation, 1992, 59, 51-63.	1.9	132
352	A burnt out case? Reply to Lonsdale and Braithwaite (1991). Austral Ecology, 1992, 17, 103-106.	0.7	7
353	Monsoon Forests in Northwestern Australia I. Vegetation Classification and the Environmental Control of Tree Species. Journal of Biogeography, 1991, 18, 679.	1.4	25
354	Tree Species Distribution Across a Seasonally Flooded Elevation Gradient in the Australian Monsoon Tropics. Journal of Biogeography, 1991, 18, 203.	1.4	27
355	Feral Pig (Sus Scrofa) Rooting in a Monsoon Forest-Wetland Transition, Northern Australia.. Wildlife Research, 1991, 18, 761.	0.7	28
356	Environmental Determinants of Allosyncarpia ternata Forests That Are Endemic to Western Arnhem Land, Northern Australia. Australian Journal of Botany, 1991, 39, 575.	0.3	29
357	Can we untangle fireâ€megafaunaâ€climateâ€human Pleistocene impacts on the Australian biota?. Archaeology in Oceania, 1991, 26, 78-78.	0.3	6
358	How Short do you Cut the String? Biogeography, Development and Conservation in Northern Australia. Global Ecology and Biogeography Letters, 1991, 1, 2.	0.6	6
359	Sign and habitat impact of banteng (Bos javanicus) and pig (Sus scrofa), Cobourg Peninsula, northern Australia. Austral Ecology, 1991, 16, 15-17.	0.7	22
360	Response of a monsoon forest-savanna boundary to fire protection, Weipa, northern Australia. Austral Ecology, 1991, 16, 111-118.	0.7	60

#	Article	IF	Citations
361	Aims and achievements in Northern Territory forest wildlife biology. , 1991, , 205-219.		1
362	Sandstone vegetation pattern in the Jim Jim Falls region, Northern Territory, Australia. Austral Ecology, 1990, 15, 163-174.	0.7	24
363	Slash-and-Burn Agriculture in the Wet Coastal Lowlands of Papua New Guinea: Response of Birds, Butterflies and Reptiles. Journal of Biogeography, 1990, 17, 227.	1.4	105
364	Conservation of coastal wetlands of the Northern territory of Australia: The Mary River floodplain. Biological Conservation, 1990, 52, 85-111.	1.9	48
365	Dynamics of Forest Clumps on Chenier Plains, Cobourg Peninsula, Northern Territory. Australian Journal of Botany, 1990, 38, 593.	0.3	22
366	Response of Callitris intratropica R.T. Baker & H.G. Smith to fire protection, Murgenella, Northern Australia. Austral Ecology, 1988, 13, 147-159.	0.7	34
367	Fuel Characteristics of Coastal Monsoon Forests, Northern Territory, Australia. Journal of Biogeography, 1988, 15, 807.	1.4	62
368	Response of Eucalyptus Forest and Woodland to Four Fire Regimes at Munmarlary, Northern Territory, Australia. Journal of Ecology, 1988, 76, 215.	1.9	104
369	Vegetation-radiation relationships in the wet-dry tropics: granite hills in northern Australia. Plant Ecology, 1988, 76, 103-112.	1.2	25
370	Preliminary Biogeographic Analysis of the Northern Territory Vascular Flora. Australian Journal of Botany, 1988, 36, 503.	0.3	44
371	Environmental Relationships of Woody Vegetation Patterns in the Australian Monsoon Tropics. Australian Journal of Botany, 1987, 35, 151.	0.3	83
372	A transect study of the Eucalyptus forests and woodlands of a dissected sandstone and laterite plateau near Darwin, Northern Territory. Austral Ecology, 1987, 12, 339-359.	0.7	20
373	Fire, storm, flood and drought: The vegetation ecology of Howards Peninsula, Northern Territory, Australia. Austral Ecology, 1987, 12, 165-174.	1.2	27
374	Establishment, Suppression and Growth of Eucalyptus delegatensis R.T. Baker In Multiaged Forests .III. Intraspecific Allelopathy, Competition Between Adult and Juvenile for Moisture and Nutrients, and Frost Damage to Seedlings. Australian Journal of Botany, 1986, 34, 81.	0.3	45
375	Establishment, Suppression and Growth of Eucalyptus delegatensis R.T. Baker In Multiaged Forests .II. Sapling Growth and Its Environmental Correlates. Australian Journal of Botany, 1986, 34, 73.	0.3	28
376	Bushfires in Tasmania: a botanical approach to anthropological questions. Archaeology in Oceania, 1986, 21, 166-171.	0.3	38
377	Establishment, Suppression and Growth of Eucalyptus delegatensis R.T. Baker in Multiaged Forests. I. The Effects of Fire on Mortality and Seedling Establishment. Australian Journal of Botany, 1986, 34, 63.	0.3	43
378	Vegetation pattern and environmental correlates in coastal forests of the Australian monsoon tropics. Plant Ecology, 1986, 65, 99-104.	1.2	24

#	Article	IF	Citations
379	Stand characteristics, understorey associates and environmental correlates ofEucalyptus tetrodonta F. Muell. forests on Gunn Point, northern Australia. Plant Ecology, 1986, 65, 105-113.	1.2	32
380	Vegetation-soil relations in the lowlands of south-west Tasmania. Austral Ecology, 1986, 11, 141-153.	0.7	46
381	Review of silvicultural systems for harvestingEucalyptus delegatensisforests on dolerite plateaux in Tasmania. Australian Forestry, 1986, 49, 63-68.	0.3	5
382	Geographic Variation in the Demographic Structure of Stands of Eucalyptus delegatensis R. T. Baker on Dolerite in Tasmania. Journal of Biogeography, 1984, 11, 427.	1.4	24
383	Slash-burning in the regeneration of dry eucalypt forests. Australian Forestry, 1981, 44, 118-124.	0.3	8
384	Using landscape ecology to make sense of Australia's last frontier. , 0, , 214-226.		1
385	Smoke pollution must be part of the savanna fire management equation: A case study from Darwin, Australia. Ambio, 0, , .	2.8	3