# David M J S Bowman

List of Publications by Year
in descending order



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|---|---|---|---|
| 385 papers | 24,216 citations | 13099 68 h-index | 11308 136 g-index |
| 404 all docs | 404 docs citations | 404 times ranked | 20071 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fire in the Earth System. Science, 2009, 324, 481-484. | 12.6 | 2,330 |
| 2 | Climate-induced variations in global wildfire danger from 1979 to 2013. Nature Communications, 2015, 6, 7537. | 12.8 | 1,224 |
| 3 | TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188. | 9.5 | 1,038 |
| 4 | The human dimension of fire regimes on Earth. Journal of Biogeography, 2011, 38, 2223-2236. | 3.0 | 845 |
| 5 | Estimated Global Mortality Attributable to Smoke from Landscape Fires. Environmental Health Perspectives, 2012, 120, 695-701. | 6.0 | 576 |
| 6 | Savanna Vegetation-Fire-Climate Relationships Differ Among Continents. Science, 2014, 343, 548-552. | 12.6 | 500 |
| 7 | Vegetation fires in the Anthropocene. Nature Reviews Earth & Environment, 2020, 1, 500-515. | 29.7 | 419 |
| 8 | Human exposure and sensitivity to globally extreme wildfire events. Nature Ecology and Evolution, 2017, 1, 58. | 7.8 | 359 |
| 9 | 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. | 4.0 | 352 |
| 10 | The impact of Aboriginal landscape burning on the Australian biota. New Phytologist, 1998, 140, 385-410. | 7.3 | 335 |
| 11 | What controls the distribution of tropical forest and savanna?. Ecology Letters, 2012, 15, 748-758. | 6.4 | 333 |
| 12 | Biological responses to the press and pulse of climate trends and extreme events. Nature Climate Change, 2018, 8, 579-587. | 18.8 | 330 |
| 13 | Value of longâ€term ecological studies. Austral Ecology, 2012, 37, 745-757. | 1.5 | 326 |
| 14 | Xylem function and growth rate interact to determine recovery rates after exposure to extreme water deficit. New Phytologist, 2010, 188, 533-542. | 7.3 | 284 |
| 15 | Biogeography of the Australian monsoon tropics. Journal of Biogeography, 2010, 37, 201-216. | 3.0 | 277 |
| 16 | Fire ecology and Aboriginal land management in central Arnhem Land, northern Australia: a tradition of ecosystem management. Journal of Biogeography, 2002, 28, 325-343. | 3.0 | 269 |
| 17 | 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. | 7.5 | 229 |
| 18 | Detecting trends in tree growth: not so simple. Trends in Plant Science, 2013, 18, 11-17. | 8.8 | 222 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Fire regimes of <scp>A</scp>ustralia: a pyrogeographic model system. Journal of Biogeography, 2013, 40, 1048-1058. | 3.0 | 215 |
| 20 | 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. | 3.0 | 210 |
| 21 | Unprecedented smokeâ€related health burden associated with the 2019â€“20 bushfires in eastern Australia. Medical Journal of Australia, 2020, 213, 282-283. | 1.7 | 198 |
| 22 | 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. | 1.8 | 191 |
| 23 | Flammable biomes dominated by eucalypts originated at the Cretaceousâ€“Palaeogene boundary. Nature Communications, 2011, 2, 193. | 12.8 | 191 |
| 24 | Abrupt fire regime change may cause landscapeâ€wide loss of mature obligate seeder forests. Global Change Biology, 2014, 20, 1008-1015. | 9.5 | 178 |
| 25 | Wildfire risk as a socioecological pathology. Frontiers in Ecology and the Environment, 2016, 14, 276-284. | 4.0 | 164 |
| 26 | The Science of Firescapes: Achieving Fire-Resilient Communities. BioScience, 2016, 66, 130-146. | 4.9 | 157 |
| 27 | 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. | 3.0 | 146 |
| 28 | Kangaroo metabolism does not cause the relationship between bone collagen ?15N and water availability. Functional Ecology, 2006, 20, 1062-1069. | 3.6 | 137 |
| 29 | Conservation of monsoon rainforest isolates in the Northern Territory, Australia. Biological Conservation, 1992, 59, 51-63. | 4.1 | 132 |
| 30 | A conceptual framework for predicting temperate ecosystem sensitivity to human impacts on fire regimes. Global Ecology and Biogeography, 2013, 22, 900-912. | 5.8 | 128 |
| 31 | Combating ecosystem collapse from the tropics to the Antarctic. Global Change Biology, 2021, 27, 1692-1703. | 9.5 | 128 |
| 32 | Unprecedented health costs of smoke-related PM2.5 from the 2019â€“20 Australian megafires. Nature Sustainability, 2021, 4, 42-47. | 23.7 | 127 |
| 33 | Pyrodiversity is the coupling of biodiversity and fire regimes in food webs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150169. | 4.0 | 125 |
| 34 | Local and global pyrogeographic evidence that indigenous fire management creates pyrodiversity. Ecology and Evolution, 2015, 5, 1908-1918. | 1.9 | 116 |
| 35 | 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. | 5.8 | 115 |
| 36 | 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. | 3.0 | 114 |

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|---|---|---|---|
| 37 | Humanâ€“environmental drivers and impacts of the globally extreme 2017 Chilean fires. Ambio, 2019, 48, 350-362. | 5.5 | 114 |
| 38 | Leaf attributes in the seasonally dry tropics: a comparison of four habitats in northern Australia. Functional Ecology, 2003, 17, 504-515. | 3.6 | 113 |
| 39 | The impact of Aboriginal landscape burning on the Australian biota. New Phytologist, 1998, 140, 385-410. | 7.3 | 112 |
| 40 | Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. Biogeosciences, 2016, 13, 2537-2562. | 3.3 | 108 |
| 41 | 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. | 3.0 | 105 |
| 42 | On the delineation of tropical vegetation types with an emphasis on forest/savanna transitions. Plant Ecology and Diversity, 2013, 6, 101-137. | 2.4 | 105 |
| 43 | Response of Eucalyptus Forest and Woodland to Four Fire Regimes at Munmarlary, Northern Territory, Australia. Journal of Ecology, 1988, 76, 215. | 4.0 | 104 |
| 44 | Forest fire management, climate change, and the risk of catastrophic carbon losses. Frontiers in Ecology and the Environment, 2013, 11, 66-67. | 4.0 | 104 |
| 45 | Landscape analysis of Aboriginal fire management in Central Arnhem Land, north Australia. Journal of Biogeography, 2004, 31, 207-223. | 3.0 | 102 |
| 46 | The uncertain blitzkrieg of Pleistocene megafauna. Journal of Biogeography, 2004, 31, 517-523. | 3.0 | 101 |
| 47 | Why do evergreen trees dominate the Australian seasonal tropics?. Australian Journal of Botany, 2005, 53, 379. | 0.6 | 101 |
| 48 | A systematic review of the impacts and management of introduced deer (family Cervidae) in Australia. Wildlife Research, 2016, 43, 515. | 1.4 | 100 |
| 49 | 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. | 7.1 | 98 |
| 50 | Exposure to bushfire smoke and asthma: an ecological study. Medical Journal of Australia, 2002, 176, 535-538. | 1.7 | 98 |
| 51 | Giant eucalypts â€“ globally unique fireâ€adapted rainâ€forest trees?. New Phytologist, 2012, 196, 1001-1014. | 7.3 | 95 |
| 52 | Pyrogeography and the Global Quest for Sustainable Fire Management. Annual Review of Environment and Resources, 2013, 38, 57-80. | 13.4 | 95 |
| 53 | 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. | 3.0 | 90 |
| 54 | Effects of fire and drought in a tropical eucalypt savanna colonized by rain forest. Journal of Biogeography, 2003, 30, 1405-1414. | 3.0 | 89 |

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|---|---|---|---|
| 55 | 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. | 3.0 | 89 |
| 56 | Tree growth rates in north Australian savanna habitats: seasonal patterns and correlations with leaf attributes. Australian Journal of Botany, 2004, 52, 303. | 0.6 | 87 |
| 57 | Wildfire Smoke, Fire Management, and Human Health. EcoHealth, 2005, 2, 76-80. | 2.0 | 87 |
| 58 | Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management. International Journal of Wildland Fire, 2003, 12, 415. | 2.4 | 86 |
| 59 | Alternative stable states and the role of fireâ€“vegetationâ€“soil feedbacks in the temperate wilderness of southwest Tasmania. Landscape Ecology, 2012, 27, 13-28. | 4.2 | 85 |
| 60 | A transdisciplinary approach to understanding the health effects of wildfire and prescribed fire smoke regimes. Environmental Research Letters, 2016, 11, 125009. | 5.2 | 84 |
| 61 | Environmental Relationships of Woody Vegetation Patterns in the Australian Monsoon Tropics. Australian Journal of Botany, 1987, 35, 151. | 0.6 | 83 |
| 62 | The carbon and nitrogen isotope composition of Australian grasses in relation to climate. Functional Ecology, 2009, 23, 1040-1049. | 3.6 | 82 |
| 63 | Global increase in wildfire risk due to climateâ€driven declines in fuel moisture. Global Change Biology, 2022, 28, 1544-1559. | 9.5 | 80 |
| 64 | 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 |
| 65 | 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. | 3.0 | 79 |
| 66 | Wildfires: Australia needs national monitoring agency. Nature, 2020, 584, 188-191. | 27.8 | 78 |
| 67 | Feedbacks and landscape-level vegetation dynamics. Trends in Ecology and Evolution, 2015, 30, 255-260. | 8.7 | 77 |
| 68 | 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. | 8.1 | 76 |
| 69 | AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254. | 5.3 | 73 |
| 70 | 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. | 1.4 | 70 |
| 71 | High-throughput linkage mapping of Australian white cypress pine (Callitris glaucophylla) and map transferability to related species. Tree Genetics and Genomes, 2015, 11, 1. | 1.6 | 70 |
| 72 | Stand Structure and the Influence of Overwood on Regeneration in Tropical Eucalypt Forest on Melville-Island. Australian Journal of Botany, 1992, 40, 335. | 0.6 | 68 |

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| 73 | Seasonal water availability predicts the relative abundance of C3and C4grasses in Australia. Global Ecology and Biogeography, 2007, 16, 160-169. | 5.8 | 68 |
| 74 | Tree coverâ€“fire interactions promote the persistence of a fireâ€sensitive conifer in a highly flammable savanna. Journal of Ecology, 2012, 100, 958-968. | 4.0 | 68 |
| 75 | 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. | 3.2 | 67 |
| 76 | 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. | 3.0 | 66 |
| 77 | 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. | 4.2 | 66 |
| 78 | 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. | 5.8 | 66 |
| 79 | Experimental evidence that fire causes a tree recruitment bottleneck in an Australian tropical savanna. Journal of Tropical Ecology, 2010, 26, 595-603. | 1.1 | 65 |
| 80 | Effects of highâ€severity fire drove the population collapse of the subalpine Tasmanian endemic conifer Athrotaxis cupressoides. Global Change Biology, 2015, 21, 445-458. | 9.5 | 65 |
| 81 | Factors that Control Monsoon-Rainforest Seedling Establishment and Growth in North Australian Eucalyptus Savanna. Journal of Ecology, 1993, 81, 297. | 4.0 | 64 |
| 82 | Has global environmental change caused monsoon rainforests to expand in the Australian monsoon tropics?. Landscape Ecology, 2010, 25, 1247-1260. | 4.2 | 64 |
| 83 | 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. | 2.4 | 63 |
| 84 | Spatioâ€temporal trends in tree cover of a tropical mesic savanna are driven by landscape disturbance. Journal of Applied Ecology, 2008, 45, 1304-1311. | 4.0 | 63 |
| 85 | Fuel Characteristics of Coastal Monsoon Forests, Northern Territory, Australia. Journal of Biogeography, 1988, 15, 807. | 3.0 | 62 |
| 86 | Livistona palms in Australia: Ancient relics or opportunistic immigrants?. Molecular Phylogenetics and Evolution, 2010, 54, 512-523. | 2.7 | 61 |
| 87 | Brave new green world â€“ Consequences of a carbon economy for the conservation of Australian biodiversity. Biological Conservation, 2013, 161, 71-90. | 4.1 | 61 |
| 88 | The legacy of midâ€Holocene fire on a Tasmanian montane landscape. Journal of Biogeography, 2014, 41, 476-488. | 3.0 | 61 |
| 89 | Response of a monsoon forest-savanna boundary to fire protection, Weipa, northern Australia. Austral Ecology, 1991, 16, 111-118. | 1.5 | 60 |
| 90 | Allosyncarpia-dominated rain forest in monsoonal northern Australia. Journal of Vegetation Science, 1993, 4, 67-82. | 2.2 | 60 |

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| 91 | Forty years of lowland monsoon rainforest expansion in Kakadu National Park, Northern Australia. Biological Conservation, 2006, 131, 553-565. | 4.1 | 60 |
| 92 | Seasonal differences in leaf attributes in Australian tropical tree species: family and habitat comparisons. Functional Ecology, 2004, 18, 707-718. | 3.6 | 59 |
| 93 | 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. | 0.6 | 59 |
| 94 | The 'wilderness effect' and the decline of Callitris intratropica on the Arnhem Land Plateau, northern Australia. Australian Journal of Botany, 2001, 49, 665. | 0.6 | 58 |
| 95 | Have plants evolved to self-immolate?. Frontiers in Plant Science, 2014, 5, 590. | 3.6 | 58 |
| 96 | The Macroecology of Airborne Pollen in Australian and New Zealand Urban Areas. PLoS ONE, 2014, 9, e97925. | 2.5 | 58 |
| 97 | Environmental and allometric drivers of tree growth rates in a north Australian savanna. Forest Ecology and Management, 2006, 234, 164-180. | 3.2 | 57 |
| 98 | Bring elephants to Australia?. Nature, 2012, 482, 30-30. | 27.8 | 54 |
| 99 | The relative importance of intrinsic and extrinsic factors in the decline of obligate seeder forests. Global Ecology and Biogeography, 2016, 25, 1166-1172. | 5.8 | 54 |
| 100 | Monsoon Forests in North-Western Australia. II. Forest-Savanna Transitions. Australian Journal of Botany, 1992, 40, 89. | 0.6 | 53 |
| 101 | Climate Change Amplifications of Climateâ€Fire Teleconnections in the Southern Hemisphere. Geophysical Research Letters, 2018, 45, 5071-5081. | 4.0 | 53 |
| 102 | Future eating and country keeping: what role has environmental history in the management of biodiversity?. Journal of Biogeography, 2001, 28, 549-564. | 3.0 | 52 |
| 103 | Ecohealth and Aboriginal Testimony of the Nexus Between Human Health and Place. EcoHealth, 2007, 4, 489-499. | 2.0 | 52 |
| 104 | Fire controls population structure in four dominant tree species in a tropical savanna. Oecologia, 2009, 161, 505-515. | 2.0 | 52 |
| 105 | A grassâ€“fire cycle eliminates an obligateâ€seeding tree in a tropical savanna. Ecology and Evolution, 2014, 4, 4185-4194. | 1.9 | 51 |
| 106 | Pyrogeographic models, feedbacks and the future of global fire regimes. Global Ecology and Biogeography, 2014, 23, 821-824. | 5.8 | 51 |
| 107 | Munmarlary revisited: Response of a north Australian Eucalyptus tetrodonta savanna protected from fire for 20 years. Austral Ecology, 1995, 20, 526-531. | 1.5 | 50 |
| 108 | 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. | 0.6 | 50 |

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| 109 | 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. | 11.0 | 50 |
| 110 | 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. | 3.2 | 49 |
| 111 | Measurement of inter- and intra-annual variability of landscape fire activity at a continental scale: the Australian case. Environmental Research Letters, 2016, 11, 035003. | 5.2 | 49 |
| 112 | Australian forests, megafires and the risk of dwindling carbon stocks. Plant, Cell and Environment, 2021, 44, 347-355. | 5.7 | 49 |
| 113 | Conservation of coastal wetlands of the Northern territory of Australia: The Mary River floodplain. Biological Conservation, 1990, 52, 85-111. | 4.1 | 48 |
| 114 | Fire maintains an Acacia aneura shrublandâ€"Triodia grassland mosaic in central Australia. Journal of Arid Environments, 2008, 72, 34-47. | 2.4 | 48 |
| 115 | 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. | 7.8 | 48 |
| 116 | The Australian Summer Monsoon: a Biogeographic Perspective. Geographical Research, 2002, 40, 261-277. | 0.6 | 47 |
| 117 | Pyrogeography, historical ecology, and the human dimensions of fire regimes. Journal of Biogeography, 2014, 41, 833-836. | 3.0 | 47 |
| 118 | Vegetation-soil relations in the lowlands of south-west Tasmania. Austral Ecology, 1986, 11, 141-153. | 1.5 | 46 |
| 119 | Fire weather risk differs across rain forestâ€"savanna boundaries in the humid tropics of northâ€eastern Australia. Austral Ecology, 2012, 37, 915-925. | 1.5 | 46 |
| 120 | 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. | 9.5 | 46 |
| 121 | Disruption of cultural burning promotes shrub encroachment and unprecedented wildfires. Frontiers in Ecology and the Environment, 2022, 20, 292-300. | 4.0 | 46 |
| 122 | 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. | 0.6 | 45 |
| 123 | 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. | 4.0 | 45 |
| 124 | What Do the Australian Black Summer Fires Signify for the Global Fire Crisis?. Fire, 2021, 4, 97. | 2.8 | 45 |
| 125 | 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. | 1.9 | 44 |
| 126 | Manage fire regimes, not fires. Nature Geoscience, 2021, 14, 455-457. | 12.9 | 44 |

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|---|---|---|---|
| 127 | Preliminary Biogeographic Analysis of the Northern Territory Vascular Flora. Australian Journal of Botany, 1988, 36, 503. | 0.6 | 44 |
| 128 | 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. | 0.6 | 43 |
| 129 | Future changes in climatic water balance determine potential for transformational shifts in Australian fire regimes. Environmental Research Letters, 2016, 11, 065002. | 5.2 | 43 |
| 130 | Decadal dynamics of tree cover in an Australian tropical savanna. Austral Ecology, 2009, 34, 601-612. | 1.5 | 42 |
| 131 | Using generalized autoregressive error models to understand fireâ€“vegetationâ€“soil feedbacks in a mulgaâ€“spinifex landscape mosaic. Journal of Biogeography, 2010, 37, 2169-2182. | 3.0 | 42 |
| 132 | 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. | 3.2 | 42 |
| 133 | Differences in grass pollen allergen exposure across Australia. Australian and New Zealand Journal of Public Health, 2015, 39, 51-55. | 1.8 | 42 |
| 134 | Renewal ecology: conservation for the Anthropocene. Restoration Ecology, 2017, 25, 674-680. | 2.9 | 41 |
| 135 | One equation fits overkill: why allometry underpins both prehistoric and modern body size-biased extinctions. Population Ecology, 2005, 47, 137-141. | 1.2 | 40 |
| 136 | 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. | 2.6 | 40 |
| 137 | Impact of high-severity fire in a Tasmanian dry eucalypt forest. Australian Journal of Botany, 2016, 64, 193. | 0.6 | 40 |
| 138 | Using smartphone technology to reduce health impacts from atmospheric environmental hazards. Environmental Research Letters, 2018, 13, 044019. | 5.2 | 40 |
| 139 | Patterns of long-term woody vegetation change in a sandstone-plateau savanna woodland, Northern Territory, Australia. Journal of Tropical Ecology, 2004, 20, 259-270. | 1.1 | 39 |
| 140 | Understanding a flammable planet â€“ climate, fire and global vegetation patterns. New Phytologist, 2005, 165, 341-345. | 7.3 | 39 |
| 141 | Biomass consumption by surface fires across Earth's most fire prone continent. Global Change Biology, 2019, 25, 254-268. | 9.5 | 39 |
| 142 | Bushfires in Tasmania: a botanical approach to anthropological questions. Archaeology in Oceania, 1986, 21, 166-171. | 0.7 | 38 |
| 143 | Does inherent flammability of grass and litter fuels contribute to continental patterns of landscape fire activity?. Journal of Biogeography, 2017, 44, 1225-1238. | 3.0 | 38 |
| 144 | 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. | 0.6 | 37 |

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|---|---|---|---|
| 145 | Convergence of Culture, Ecology, and Ethics: Management of Feral Swamp Buffalo in Northern Australia. Journal of Agricultural and Environmental Ethics, 2009, 22, 361-378. | 1.7 | 37 |
| 146 | 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. | 2.4 | 37 |
| 147 | The Getting of the Nganabbarru: Observations and reflections on Aboriginal buffalo hunting in northern Australia. Australian Geographer, 2002, 33, 191-206. | 1.7 | 36 |
| 148 | Humid tropical rain forest has expanded into eucalypt forest and savanna over the last 50 years. Ecology and Evolution, 2012, 2, 34-45. | 1.9 | 36 |
| 149 | The Relationship between Particulate Pollution Levels in Australian Cities, Meteorology, and Landscape Fire Activity Detected from MODIS Hotspots. PLoS ONE, 2012, 7, e47327. | 2.5 | 36 |
| 150 | Impact of Aboriginal landscape burning on woody vegetation in Eucalyptus tetrodonta savanna in Arnhem Land, northern Australia. Journal of Biogeography, 2004, 31, 807-817. | 3.0 | 35 |
| 151 | Leaf Axil Anatomy and Bud Reserves in 21 Myrtaceae Species from Northern Australia. International Journal of Plant Sciences, 2008, 169, 1174-1186. | 1.3 | 35 |
| 152 | Pollen Loads and Allergic Rhinitis in Darwin, Australia: A Potential Health Outcome of the Grass-Fire Cycle. EcoHealth, 2009, 6, 99-108. | 2.0 | 35 |
| 153 | Contracting Tasmanian montane grasslands within a forest matrix is consistent with cessation of Aboriginal fire management. Austral Ecology, 2013, 38, 627-638. | 1.5 | 35 |
| 154 | Geographic Patterns of Fire Severity Following an Extreme Eucalyptus Forest Fire in Southern Australia: 2013 Forcett-Dunalley Fire. Fire, 2018, 1, 40. | 2.8 | 35 |
| 155 | Macroecology of Australian Tall Eucalypt Forests: Baseline Data from a Continental-Scale Permanent Plot Network. PLoS ONE, 2015, 10, e0137811. | 2.5 | 35 |
| 156 | Response of Callitris intratropica R.T. Baker & H.G. Smith to fire protection, Murgenella, Northern Australia. Austral Ecology, 1988, 13, 147-159. | 1.5 | 34 |
| 157 | Can stable carbon isotopes (Ĩ´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. | 1.5 | 34 |
| 158 | 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. | 0.6 | 34 |
| 159 | Sources of carbon isotope variation in kangaroo bone collagen and tooth enamel. Geochimica Et Cosmochimica Acta, 2007, 71, 3847-3858. | 3.9 | 34 |
| 160 | Land management affects grass biomass in the Eucalyptus tetrodonta savannas of monsoonal Australia. Austral Ecology, 2007, 32, 446-452. | 1.5 | 34 |
| 161 | The interactive effect of temperature and humidity on the oxygen isotope composition of kangaroos. Functional Ecology, 2007, 21, 757-766. | 3.6 | 34 |
| 162 | Regional and seasonal variation in airborne grass pollen levels between cities of Australia and New Zealand. Aerobiologia, 2016, 32, 289-302. | 1.7 | 34 |

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| 163 | Ecology of Callitris glaucophylla (Cupressaceae) on the Macdonnell Ranges, Central Australia. Australian Journal of Botany, 1993, 41, 217. | 0.6 | 33 |
| 164 | Conservation Value of Non-Native Banteng in Northern Australia. Conservation Biology, 2006, 20, 1306-1311. | 4.7 | 33 |
| 165 | Drivers of rain-forest boundary dynamics in Kakadu National Park, northern Australia: a field assessment. Journal of Tropical Ecology, 2007, 23, 73-86. | 1.1 | 33 |
| 166 | Growth and survival of two north Australian relictual tree species, Allosyncarpia ternata (Myrtaceae) and Callitris intratropica (Cupressaceae). Ecological Research, 2007, 22, 228-236. | 1.5 | 33 |
| 167 | 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 |
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