# David M J S Bowman

List of Publications by Year
in descending order

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Version: 2024-02-01

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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 | Global increase in wildfire risk due to climateâ€driven declines in fuel moisture. Global Change Biology, 2022, 28, 1544-1559. | 9.5 | 80 |
| 2 | Dynamics and predicted distribution of an irrupting â€˜sleeperâ€™ population: fallow deer in Tasmania. Biological Invasions, 2022, 24, 1131-1147. | 2.4 | 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. | 3.2 | 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. | 2.9 | 1 |
| 5 | Disruption of cultural burning promotes shrub encroachment and unprecedented wildfires. Frontiers in Ecology and the Environment, 2022, 20, 292-300. | 4.0 | 46 |
| 6 | Bushfires in Tasmania, Australia: An Introduction. Fire, 2022, 5, 33. | 2.8 | 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. | 7.8 | 4 |
| 8 | Carbon dioxide and particulate emissions from the 2013 Tasmanian firestorm: implications for Australian carbon accounting. Carbon Balance and Management, 2022, 17, . | 3.2 | 2 |
| 9 | Population collapse of a Gondwanan conifer follows the loss of Indigenous fire regimes in a northern Australian savanna. Scientific Reports, 2022, 12, . | 3.3 | 7 |
| 10 | Australian forests, megafires and the risk of dwindling carbon stocks. Plant, Cell and Environment, 2021, 44, 347-355. | 5.7 | 49 |
| 11 | Unprecedented health costs of smoke-related PM2.5 from the 2019â€“20 Australian megafires. Nature Sustainability, 2021, 4, 42-47. | 23.7 | 127 |
| 12 | The 2016 Tasmanian Wilderness Fires: Fire Regime Shifts and Climate Change in a Gondwanan Biogeographic Refugium. Ecological Studies, 2021, , 133-153. | 1.2 | 7 |
| 13 | Lack of reliable post-fire recovery mechanisms makes the iconic Tasmanian conifer. Australian Journal of Botany, 2021, 69, 162-173. | 0.6 | 4 |
| 14 | Combating ecosystem collapse from the tropics to the Antarctic. Global Change Biology, 2021, 27, 1692-1703. | 9.5 | 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. | 2.8 | 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. | 2.6 | 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. | 2.8 | 5 |
| 18 | Bioclimatic drivers of fire severity across the Australian geographical range of giant Eucalyptus forests. Journal of Ecology, 2021, 109, 2514-2536. | 4.0 | 11 |

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|---|---|---|---|
| 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. | 7.8 | 48 |
| 20 | Demographic Effects of Severe Fire in Montane Shrubland on Tasmaniaâ€™s Central Plateau. Fire, 2021, 4, 32. | 2.8 | 7 |
| 21 | Manage fire regimes, not fires. Nature Geoscience, 2021, 14, 455-457. | 12.9 | 44 |
| 22 | Smoke health costs and the calculus for wildfires fuel management: a modelling study. Lancet Planetary Health, The, 2021, 5, e608-e619. | 11.4 | 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. | 7.5 | 22 |
| 24 | AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254. | 5.3 | 73 |
| 25 | Fire risk and severity decline with stand development in Tasmanian giant Eucalyptus forest. Forest Ecology and Management, 2021, 502, 119724. | 3.2 | 24 |
| 26 | Conflagrations and the Wisdom of Aboriginal Sacred Knowledge. Fire, 2021, 4, 88. | 2.8 | 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. | 1.5 | 3 |
| 28 | What Do the Australian Black Summer Fires Signify for the Global Fire Crisis?. Fire, 2021, 4, 97. | 2.8 | 45 |
| 29 | A decade of restoring a temperate woodland: Lessons learned and future directions. Ecological Management and Restoration, 2021, 22, 164-174. | 1.5 | 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. | 1.5 | 10 |
| 31 | Can smartphone data identify the local environmental drivers of respiratory disease?. Environmental Research, 2020, 182, 109118. | 7.5 | 25 |
| 32 | Ocean Beach, Tasmania: A swell-dominated shoreline reaches climate-induced recessional tipping point?. Marine Geology, 2020, 419, 106081. | 2.1 | 9 |
| 33 | TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188. | 9.5 | 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. | 2.8 | 22 |
| 35 | Vegetation fires in the Anthropocene. Nature Reviews Earth & Environment, 2020, 1, 500-515. | 29.7 | 419 |
| 36 | Health Impacts of Ambient Biomass Smoke in Tasmania, Australia. International Journal of Environmental Research and Public Health, 2020, 17, 3264. | 2.6 | 26 |

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| 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. | 3.2 | 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. | 3.6 | 14 |
| 39 | Classification of Post-Fire Responses of Woody Plants to include Pyrophobic Communities. Fire, 2020, 3, 15. | 2.8 | 13 |
| 40 | 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 |
| 41 | Multiâ€decadal stability of woody cover in a mesic eucalypt savanna in the Australian monsoon tropics. Austral Ecology, 2020, 45, 621-635. | 1.5 | 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. | 9.5 | 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. | 1.7 | 8 |
| 44 | Exploring the key drivers of forest flammability in wet eucalypt forests using expert-derived conceptual models. Landscape Ecology, 2020, 35, 1775-1798. | 4.2 | 27 |
| 45 | Using a natural experiment to foresee the fate of boreal carbon stores. Global Change Biology, 2020, 26, 6028-6031. | 9.5 | 2 |
| 46 | Distribution and abundance of large herbivores in a northern Australian tropical savanna: A multiâ€scale approach. Austral Ecology, 2020, 45, 529-547. | 1.5 | 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. | 27.8 | 78 |
| 49 | Soil moisture thresholds for combustion of organic soils in western Tasmania. International Journal of Wildland Fire, 2020, 29, 637. | 2.4 | 15 |
| 50 | Small mammal diversity is higher in infrequently compared with frequently burnt rainforestâ€“savanna mosaics in the north Kimberley, Australia. Wildlife Research, 2020, , . | 1.4 | 6 |
| 51 | Humanâ€“environmental drivers and impacts of the globally extreme 2017 Chilean fires. Ambio, 2019, 48, 350-362. | 5.5 | 114 |
| 52 | Is Anthropogenic Pyrodiversity Invisible in Paleofire Records?. Fire, 2019, 2, 42. | 2.8 | 21 |
| 53 | Fire caused demographic attrition of the Tasmanian palaeoendemic conifer Athrotaxis cupressoides. Austral Ecology, 2019, 44, 1322-1339. | 1.5 | 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. | 3.0 | 16 |

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|---|---|---|---|
| 55 | Diversity helps fight wildfires. Nature, 2019, 571, 478-478. | 27.8 | 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. | 0.6 | 3 |
| 57 | Turnover of southern cypresses in the postâ€Gondwanan world: extinction, transoceanic dispersal, adaptation and rediversification. New Phytologist, 2019, 221, 2308-2319. | 7.3 | 21 |
| 58 | Biomass consumption by surface fires across Earth's most fire prone continent. Global Change Biology, 2019, 25, 254-268. | 9.5 | 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. | 11.0 | 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. | 3.0 | 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. | 4.0 | 10 |
| 62 | 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 |
| 63 | Using Digital Surface Models from UAS Imagery of Fire Damaged Sphagnum Peatlands for Monitoring and Hydrological Restoration. Drones, 2018, 2, 45. | 4.9 | 11 |
| 64 | Do Mixed Fire Regimes Shape Plant Flammability and Post-Fire Recovery Strategies?. Fire, 2018, 1, 39. | 2.8 | 22 |
| 65 | Extensible Database of Validated Biomass Smoke Events for Health Research. Fire, 2018, 1, 50. | 2.8 | 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. | 4.4 | 15 |
| 67 | Can Air Quality Management Drive Sustainable Fuels Management at the Temperate Wildlandâ€“Urban Interface?. Fire, 2018, 1, 27. | 2.8 | 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. | 4.0 | 45 |
| 69 | Biomimicry can help humans to coexist sustainably with fire. Nature Ecology and Evolution, 2018, 2, 1827-1829. | 7.8 | 18 |
| 70 | Using smartphone technology to reduce health impacts from atmospheric environmental hazards. Environmental Research Letters, 2018, 13, 044019. | 5.2 | 40 |
| 71 | Pleistocene divergence of two disjunct conifers in the eastern Australian temperate zone. Biological Journal of the Linnean Society, 2018, , . | 1.6 | 3 |
| 72 | Climate Change Amplifications of Climateâ€Fire Teleconnections in the Southern Hemisphere. Geophysical Research Letters, 2018, 45, 5071-5081. | 4.0 | 53 |

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| 73 | Biological responses to the press and pulse of climate trends and extreme events. Nature Climate Change, 2018, 8, 579-587. | 18.8 | 330 |
| 74 | Wildfire science is at a loss for comprehensive data. Nature, 2018, 560, 7-7. | 27.8 | 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. | 2.8 | 3 |
| 76 | Conceptualizing Ecological Flammability: An Experimental Test of Three Frameworks Using Various Types and Loads of Surface Fuels. Fire, 2018, 1, 14. | 2.8 | 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. | 2.4 | 13 |
| 78 | Simulating the effectiveness of prescribed burning at altering wildfire behaviour in Tasmania, Australia. International Journal of Wildland Fire, 2018, 27, 15. | 2.4 | 28 |
| 79 | Demographic vulnerability of an extreme xerophyte in arid Australia. Australian Journal of Botany, 2018, 66, 26. | 0.6 | 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. | 0.6 | 7 |
| 81 | Aboriginal impacts on fire and vegetation on a Tasmanian island. Journal of Biogeography, 2017, 44, 1319-1330. | 3.0 | 20 |
| 82 | Human exposure and sensitivity to globally extreme wildfire events. Nature Ecology and Evolution, 2017, 1, 58. | 7.8 | 359 |
| 83 | Water, land, fire, and forest: Multiâ€scale determinants of rainforests in the Australian monsoon tropics. Ecology and Evolution, 2017, 7, 1592-1604. | 1.9 | 19 |
| 84 | When will the jungle burn?. Nature Climate Change, 2017, 7, 390-391. | 18.8 | 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. | 2.4 | 17 |
| 86 | High post-fire mortality of resprouting woody plants in Tasmanian Mediterranean-type vegetation. International Journal of Wildland Fire, 2017, 26, 532. | 2.4 | 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. | 3.0 | 12 |
| 88 | Renewal ecology: conservation for the Anthropocene. Restoration Ecology, 2017, 25, 674-680. | 2.9 | 41 |
| 89 | Soil or fire: what causes treeless sedgelands in Tasmanian wet forests?. Plant and Soil, 2017, 420, 1-18. | 3.7 | 31 |
| 90 | Substrate controls growth rates of the woody pioneer Leptospermum lanigerum colonizing montane grasslands in northern Tasmania. Austral Ecology, 2017, 42, 9-19. | 1.5 | 9 |

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|---|---|---|---|
| 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. | 3.0 | 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. | 3.0 | 38 |
| 93 | Vegetation, fire and soil feedbacks of dynamic boundaries between rainforest, savanna and grassland. Austral Ecology, 2017, 42, 154-164. | 1.5 | 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. | 2.9 | 17 |
| 95 | Impact of high-severity fire in a Tasmanian dry eucalypt forest. Australian Journal of Botany, 2016, 64, 193. | 0.6 | 40 |
| 96 | A transdisciplinary approach to understanding the health effects of wildfire and prescribed fire smoke regimes. Environmental Research Letters, 2016, 11, 125009. | 5.2 | 84 |
| 97 | Climate seasonality limits leaf carbon assimilation and wood productivity in tropical forests. Biogeosciences, 2016, 13, 2537-2562. | 3.3 | 108 |
| 98 | Response: A commentary on â€œEucalyptus obliqua seedling growth in organic vs. mineral soil horizonsâ€. Frontiers in Plant Science, 2016, 7, 52. | 3.6 | 1 |
| 99 | Wildfire risk as a socioecological pathology. Frontiers in Ecology and the Environment, 2016, 14, 276-284. | 4.0 | 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. | 5.2 | 49 |
| 101 | A systematic review of the impacts and management of introduced deer (family Cervidae) in Australia. Wildlife Research, 2016, 43, 515. | 1.4 | 100 |
| 102 | The Science of Firescapes: Achieving Fire-Resilient Communities. BioScience, 2016, 66, 130-146. | 4.9 | 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. | 4.0 | 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. | 4.0 | 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. | 4.0 | 12 |
| 106 | Pattern, prediction and parsimony in continentalâ€scale synthesis of pyromes: a reply to Gosper etÂal.. Journal of Biogeography, 2016, 43, 636-638. | 3.0 | 0 |
| 107 | Pyrodiversityâ€”why managing fire in food webs is relevant to restoration ecology. Restoration Ecology, 2016, 24, 848-853. | 2.9 | 22 |
| 108 | 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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| 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. | 0.6 | 20 |
| 110 | Cause and effects of a megafire in sedge-heathland in the Tasmanian temperate wilderness. Australian Journal of Botany, 2016, 64, 513. | 0.6 | 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. | 8.1 | 76 |
| 112 | Gondwanan conifer clones imperilled by bushfire. Scientific Reports, 2016, 6, 33930. | 3.3 | 9 |
| 113 | Future changes in climatic water balance determine potential for transformational shifts in Australian fire regimes. Environmental Research Letters, 2016, 11, 065002. | 5.2 | 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. | 5.8 | 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. | 3.4 | 18 |
| 116 | Transient hybridization, not homoploid hybrid speciation, between ancient and deeply divergent conifers. American Journal of Botany, 2016, 103, 246-259. | 1.7 | 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. | 1.6 | 19 |
| 118 | Local and global pyrogeographic evidence that indigenous fire management creates pyrodiversity. Ecology and Evolution, 2015, 5, 1908-1918. | 1.9 | 116 |
| 119 | Differences in grass pollen allergen exposure across Australia. Australian and New Zealand Journal of Public Health, 2015, 39, 51-55. | 1.8 | 42 |
| 120 | Evaluating carbon storage in restoration plantings in the Tasmanian Midlands, a highly modified agricultural landscape. Rangeland Journal, 2015, 37, 477. | 0.9 | 11 |
| 121 | Modeling vegetation mosaics in sub-alpine Tasmania under various fire regimes. Modeling Earth Systems and Environment, 2015, 1, 1. | 3.4 | 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. | 3.2 | 49 |
| 123 | Eucalyptus obliqua seedling growth in organic vs. mineral soil horizons. Frontiers in Plant Science, 2015, 6, 97. | 3.6 | 12 |
| 124 | Effect of landscape fires on the demography of the endangered New Caledonian conifer Callitris sulcata. Biological Conservation, 2015, 191, 130-138. | 4.1 | 7 |
| 125 | Trajectory of change in land cover and carbon stocks following European settlement in Tasmania, Australia. Anthropocene, 2015, 9, 33-40. | 3.3 | 9 |
| 126 | Climate-induced variations in global wildfire danger from 1979 to 2013. Nature Communications, 2015, 6, 7537. | 12.8 | 1,224 |

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| 127 | What is the relevance of pyrogeography to the Anthropocene?. Infrastructure Asset Management, 2015, 2, 73-76. | 1.6 | 11 |
| 128 | Feedbacks and landscape-level vegetation dynamics. Trends in Ecology and Evolution, 2015, 30, 255-260. | 8.7 | 77 |
| 129 | Aboriginal myth meets DNA analysis. Nature, 2015, 520, 33-33. | 27.8 | 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. | 1.6 | 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. | 4.0 | 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. | 9.5 | 65 |
| 133 | Macroecology of Australian Tall Eucalypt Forests: Baseline Data from a Continental-Scale Permanent Plot Network. PLoS ONE, 2015, 10, e0137811. | 2.5 | 35 |
| 134 | Phosphorus limits Eucalyptus grandis seedling growth in an unburnt rain forest soil. Frontiers in Plant Science, 2014, 5, 527. | 3.6 | 30 |
| 135 | Across a macro-ecological gradient forest competition is strongest at the most productive sites. Frontiers in Plant Science, 2014, 5, 260. | 3.6 | 28 |
| 136 | Have plants evolved to self-immolate?. Frontiers in Plant Science, 2014, 5, 590. | 3.6 | 58 |
| 137 | A grassâ€“fire cycle eliminates an obligateâ€seeding tree in a tropical savanna. Ecology and Evolution, 2014, 4, 4185-4194. | 1.9 | 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. | 4.0 | 8 |
| 139 | Abrupt fire regime change may cause landscapeâ€wide loss of mature obligate seeder forests. Global Change Biology, 2014, 20, 1008-1015. | 9.5 | 178 |
| 140 | Bushfire Smoke: An Exemplar of Coupled Human and Natural Systems. Geographical Research, 2014, 52, 45-54. | 1.8 | 20 |
| 141 | Projecting canopy cover change in Tasmanian eucalypt forests using dynamically downscaled regional climate models. Regional Environmental Change, 2014, 14, 1373-1386. | 2.9 | 17 |
| 142 | Genetic evidence for paternal inheritance of the chloroplast in four Australian Callitris species (Cupressaceae). Journal of Forest Research, 2014, 19, 244-248. | 1.4 | 11 |
| 143 | Cattle grazing does not reduce fire severity in eucalypt forests and woodlands of the Australian Alps. Austral Ecology, 2014, 39, 462-468. | 1.5 | 15 |
| 144 | Savanna Vegetation-Fire-Climate Relationships Differ Among Continents. Science, 2014, 343, 548-552. | 12.6 | 500 |

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| 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. | 9.5 | 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. | 5.8 | 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. | 2.0 | 30 |
| 148 | Bushfires, Human Health Economics, and Pyrogeography. Geographical Research, 2014, 52, 340-343. | 1.8 | 8 |
| 149 | Aborigineâ€managed forest, savanna and grassland: biome switching in montane eastern Australia. Journal of Biogeography, 2014, 41, 1492-1505. | 3.0 | 25 |
| 150 | The legacy of midâ€Holocene fire on a Tasmanian montane landscape. Journal of Biogeography, 2014, 41, 476-488. | 3.0 | 61 |
| 151 | Pyrogeographic models, feedbacks and the future of global fire regimes. Global Ecology and Biogeography, 2014, 23, 821-824. | 5.8 | 51 |
| 152 | Pyrogeography, historical ecology, and the human dimensions of fire regimes. Journal of Biogeography, 2014, 41, 833-836. | 3.0 | 47 |
| 153 | Predicting the future range and abundance of fallow deer in Tasmania, Australia. Wildlife Research, 2014, 41, 633. | 1.4 | 16 |
| 154 | The Macroecology of Airborne Pollen in Australian and New Zealand Urban Areas. PLoS ONE, 2014, 9, e97925. | 2.5 | 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. | 0.5 | 1 |
| 156 | Genetic structure of introduced swamp buffalo subpopulations in tropical Australia. Austral Ecology, 2013, 38, 46-56. | 1.5 | 2 |
| 157 | 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 |
| 158 | Pyrogeography and the Global Quest for Sustainable Fire Management. Annual Review of Environment and Resources, 2013, 38, 57-80. | 13.4 | 95 |
| 159 | From desert to rainforest, sapwood width is similar in the widespread conifer Callitris columellaris. Trees - Structure and Function, 2013, 27, 123-129. | 1.9 | 2 |
| 160 | On the delineation of tropical vegetation types with an emphasis on forest/savanna transitions. Plant Ecology and Diversity, 2013, 6, 101-137. | 2.4 | 105 |
| 161 | Fire regimes of <scp>A</scp>ustralia: a pyrogeographic model system. Journal of Biogeography, 2013, 40, 1048-1058. | 3.0 | 215 |
| 162 | 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 |

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|---|---|---|---|
| 163 | 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 |
| 164 | Detecting trends in tree growth: not so simple. Trends in Plant Science, 2013, 18, 11-17. | 8.8 | 222 |
| 165 | Land clearance not dieback continues to drive tree loss in a Tasmanian rural landscape. Regional Environmental Change, 2013, 13, 955-967. | 2.9 | 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. | 2.6 | 31 |
| 167 | Conservative water management in the widespread conifer genus Callitris. AoB PLANTS, 2013, 5, plt052-plt052. | 2.3 | 25 |
| 168 | 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 |
| 169 | A report of capture myopathy in the Tasmanian pademelon (Thylogale billardierii). Animal Welfare, 2013, 22, 1-4. | 0.7 | 10 |
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