

# Craig R Nitschke

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,076  
citations

236925  
25  
h-index

254184  
43  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon stocks and stability are diminished by short-interval wildfires in fire-tolerant eucalypt forests. <i>Forest Ecology and Management</i> , 2022, 505, 119919.	3.2	14
2	The cost of fruit and the penalty of youth: Predicting mean annual seed production in single-species forest stands. <i>Forest Ecology and Management</i> , 2022, 508, 119978.	3.2	1
3	Predicting plant species distributions using climate-based model ensembles with corresponding measures of congruence and uncertainty. <i>Diversity and Distributions</i> , 2022, 28, 1105-1122.	4.1	12
4	Wildfire contribution to streamflow variability across Australian temperate zone. <i>Journal of Hydrology</i> , 2022, 609, 127728.	5.4	5
5	The Influence of Atmosphere–Ocean Phenomenon on Water Availability Across Temperate Australia. <i>Water Resources Research</i> , 2022, 58, .	4.2	6
6	Concurrent assessment of functional types in extant vegetation and soil seed banks informs environmental constraints and mechanisms of plant community turnover in temperate forests of south-eastern Australia. <i>Forest Ecology and Management</i> , 2022, 519, 120321.	3.2	6
7	Climate Change Drives Habitat Contraction of a Nocturnal Arboreal Marsupial at Its Physiological Limits. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01807.	0.2	0
8	Climate extreme variables generated using monthly time-series data improve predicted distributions of plant species. <i>Ecography</i> , 2021, 44, 626-639.	4.5	19
9	Recruitment and growth dynamics of a temperate forest understorey species following wildfire in southeast Australia. <i>Dendrochronologia</i> , 2021, 67, 125829.	2.2	5
10	The potential impacts of climate change on the distribution of key tree species and Cordyceps in Bhutan: Implications for ecological functions and rural livelihoods. <i>Ecological Modelling</i> , 2021, 455, 109650.	2.5	3
11	Optimal allocation of PCR tests to minimise disease transmission through contact tracing and quarantine. <i>Epidemics</i> , 2021, 37, 100503.	3.0	13
12	Fire, drought and productivity as drivers of dead wood biomass in eucalypt forests of south-eastern Australia. <i>Forest Ecology and Management</i> , 2021, 482, 118859.	3.2	14
13	The influence of spatial patterns in foraging habitat on the abundance and home range size of a vulnerable arboreal marsupial in southeast Australia. <i>Conservation Science and Practice</i> , 2021, 3, e566.	2.0	7
14	The role of climatic variability on Eucalyptus regeneration in southeastern Australia. <i>Global Ecology and Conservation</i> , 2021, 32, e01929.	2.1	4
15	Mapping canopy nitrogen escapes to assess foraging habitat for a vulnerable arboreal folivore in mixed-species Eucalyptus forests. <i>Ecology and Evolution</i> , 2021, 11, 18401-18421.	1.9	4
16	Climate change drives habitat contraction of a nocturnal arboreal marsupial at its physiological limits. <i>Ecosphere</i> , 2020, 11, e03262.	2.2	27
17	Genetic data and climate niche suitability models highlight the vulnerability of a functionally important plant species from south-eastern Australia. <i>Evolutionary Applications</i> , 2020, 13, 2014-2029.	3.1	10
18	An approach for assessing adaptive capacity to climate change in resource dependent communities in the Nikachu watershed, Bhutan. <i>Ecological Indicators</i> , 2020, 114, 106293.	6.3	27

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19	Refining benchmarks for soil organic carbon in Australia's temperate forests. <i>Geoderma</i> , 2020, 368, 114246.	5.1	11
20	Structural diversity underpins carbon storage in Australian temperate forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 789-802.	5.8	45
21	Spatial and temporal dynamics of habitat availability and stability for a critically endangered arboreal marsupial: implications for conservation planning in a fire-prone landscape. <i>Landscape Ecology</i> , 2020, 35, 1553-1570.	4.2	14
22	Predictive Ecosystem Mapping of South-Eastern Australian Temperate Forests Using Lidar-Derived Structural Profiles and Species Distribution Models. <i>Remote Sensing</i> , 2019, 11, 93.	4.0	14
23	Competition drives the decline of a dominant midstorey tree species. Habitat implications for an endangered marsupial. <i>Forest Ecology and Management</i> , 2019, 447, 26-34.	3.2	17
24	Combining optimization and simulation modelling to measure the cumulative impacts of prescribed fire and wildfire on vegetation species diversity. <i>Journal of Applied Ecology</i> , 2019, 56, 722-732.	4.0	8
25	Radiocarbon Dating Informs Tree Fern Population Dynamics and Disturbance History of Temperate Forests in Southeast Australia. <i>Radiocarbon</i> , 2019, 61, 445-460.	1.8	14
26	Perceived Changes in Ecosystem Services in the Panchase Mountain Ecological Region, Nepal. <i>Resources</i> , 2019, 8, 4.	3.5	10
27	Identifying regrowth forests with advanced mature forest values. <i>Forest Ecology and Management</i> , 2019, 433, 73-84.	3.2	12
28	Short-interval wildfires increase likelihood of resprouting failure in fire-tolerant trees. <i>Journal of Environmental Management</i> , 2019, 231, 59-65.	7.8	78
29	Predicting temperate forest stand types using only structural profiles from discrete return airborne lidar. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 136, 106-119.	11.1	30
30	Identification, Prioritization and Mapping of Ecosystem Services in the Panchase Mountain Ecological Region of Western Nepal. <i>Forests</i> , 2018, 9, 554.	2.1	22
31	Core values underpin the attributes of forests that matter to people. <i>Forestry</i> , 2018, 91, 629-640.	2.3	9
32	Testing the accuracy of resistance drilling to assess tree growth rate and the relationship to past climatic conditions. <i>Urban Forestry and Urban Greening</i> , 2018, 36, 1-12.	5.3	6
33	Factors influencing above-ground and soil seed bank vegetation diversity at different scales in a quasi-Mediterranean ecosystem. <i>Journal of Vegetation Science</i> , 2018, 29, 684-694.	2.2	18
34	Adaptation to Climate Change in Panchase Mountain Ecological Regions of Nepal. <i>Environments - MDPI</i> , 2018, 5, 42.	3.3	37
35	Environmental heterogeneity promotes floristic turnover in temperate forests of south-eastern Australia more than dispersal limitation and disturbance. <i>Landscape Ecology</i> , 2017, 32, 1613-1629.	4.2	32
36	The role of topography and the north Indian monsoon on mean monthly climate interpolation within the Himalayan Kingdom of Bhutan. <i>International Journal of Climatology</i> , 2017, 37, 897-909.	3.5	7

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37	Frequent wildfires erode tree persistence and alter stand structure and initial composition of a fire-tolerant subalpine forest. <i>Journal of Vegetation Science</i> , 2017, 28, 1151-1165.	2.2	74
38	The influence of climate and drought on urban tree growth in southeast Australia and the implications for future growth under climate change. <i>Landscape and Urban Planning</i> , 2017, 167, 275-287.	7.5	68
39	Estimating the self-thinning line from mortality data. <i>Forest Ecology and Management</i> , 2017, 402, 122-134.	3.2	22
40	Nutrient uptake and use efficiency in co-occurring plants along a disturbance and nutrient availability gradient in the boreal forests of the southwest Yukon, Canada. <i>Journal of Vegetation Science</i> , 2017, 28, 69-81.	2.2	17
41	Improving temperature interpolation using <sc>MODIS LST</sc> and local topography: a comparison of methods in south east Australia. <i>International Journal of Climatology</i> , 2017, 37, 3098-3110.	3.5	36
42	Carbon sequestration in managed temperate coniferous forests under climate change. <i>Biogeosciences</i> , 2016, 13, 1933-1947.	3.3	46
43	An ecoclimatic framework for evaluating the resilience of vegetation to water deficit. <i>Global Change Biology</i> , 2016, 22, 1677-1689.	9.5	68
44	Lack of soil seedbank change with time since fire: relevance to seed supply after prescribed burns. <i>International Journal of Wildland Fire</i> , 2016, 25, 849.	2.4	10
45	Multiple factors influence plant richness and diversity in the cold and dry boreal forest of southwest Yukon, Canada. <i>Plant Ecology</i> , 2016, 217, 505-519.	1.6	12
46	Too much, too soon? A review of the effects of increasing wildfire frequency on tree mortality and regeneration in temperate eucalypt forests. <i>International Journal of Wildland Fire</i> , 2016, 25, 831.	2.4	161
47	Forest management options for adaptation to climate change: a case study of tall, wet eucalypt forests in Victoria's Central Highlands region. <i>Australian Forestry</i> , 2016, 79, 96-107.	0.9	20
48	Climatic niche models and their consensus projections for future climates for four major forest tree species in the Asia-Pacific region. <i>Forest Ecology and Management</i> , 2016, 360, 357-366.	3.2	64
49	Regeneration Dynamics of White Spruce, Trembling Aspen, and Balsam Poplar in Response to Disturbance, Climatic, and Edaphic Factors in the Cold, Dry Boreal Forests of the Southwest Yukon, Canada. <i>Journal of Forestry</i> , 2015, 113, 463-474.	1.0	6
50	Past-century decline in forest regeneration potential across a latitudinal and elevational gradient in Canada. <i>Ecological Modelling</i> , 2015, 313, 94-102.	2.5	10
51	Climatic and photoperiodic effects on flowering phenology of select eucalypts from south-eastern Australia. <i>Agricultural and Forest Meteorology</i> , 2015, 214-215, 231-242.	4.8	27
52	Environmental effects on germination phenology of co-occurring eucalypts: implications for regeneration under climate change. <i>International Journal of Biometeorology</i> , 2015, 59, 1237-1252.	3.0	18
53	Herbarium records identify sensitivity of flowering phenology of eucalypts to climate: Implications for species response to climate change. <i>Austral Ecology</i> , 2015, 40, 117-125.	1.5	45
54	Multiple ecosystem services and disservices of the urban forest establishing their connections with landscape structure and sociodemographics. <i>Ecological Indicators</i> , 2014, 43, 44-55.	6.3	223

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55	Environmental effects on growth phenology of co-occurring Eucalyptus species. International Journal of Biometeorology, 2014, 58, 427-442.	3.0	17
56	Carbon stocks in temperate forests of south-eastern Australia reflect large tree distribution and edaphic conditions. Forest Ecology and Management, 2014, 334, 129-143.	3.2	49
57	Global Drivers and Tradeoffs of Three Urban Vegetation Ecosystem Services. PLoS ONE, 2014, 9, e113000.	2.5	72
58	Evaluating alternative forest management strategies for the Champagne and Aishihik Traditional Territory, southwest Yukon. Journal of Environmental Management, 2013, 120, 148-156.	7.8	9
59	Unstable climate-growth relations for white spruce in southwest Yukon, Canada. Climatic Change, 2013, 116, 593-611.	3.6	30
60	Potential effect of climate change on observed fire regimes in the Cordilleran forests of South-Central Interior, British Columbia. Climatic Change, 2013, 116, 579-591.	3.6	20
61	The effects of land tenure and land use on the urban forest structure and composition of Melbourne. Urban Forestry and Urban Greening, 2013, 12, 417-425.	5.3	41
62	The influence of climate change, site type, and disturbance on stand dynamics in northwest British Columbia, Canada. Ecosphere, 2012, 3, 1-21.	2.2	19
63	Did the 1976-77 switch in the Pacific Decadal Oscillation make white spruce in the southwest Yukon more susceptible to spruce bark beetle?. Forestry Chronicle, 2012, 88, 513-518.	0.6	4
64	Modelling the potential impact of climate variability and change on species regeneration potential in the temperate forests of South-Eastern Australia. Global Change Biology, 2012, 18, 1053-1072.	9.5	59
65	The cumulative effects of resource development on biodiversity and ecological integrity in the Peace-Moberly region of Northeast British Columbia, Canada. Biodiversity and Conservation, 2008, 17, 1715-1740.	2.6	31
66	Climatic change and fire potential in South-Central British Columbia, Canada. Global Change Biology, 2008, 14, 841-855.	9.5	42
67	A tree and climate assessment tool for modelling ecosystem response to climate change. Ecological Modelling, 2008, 210, 263-277.	2.5	68
68	Integrating climate change into forest management in South-Central British Columbia: An assessment of landscape vulnerability and development of a climate-smart framework. Forest Ecology and Management, 2008, 256, 313-327.	3.2	71
69	Monitoring Sustainable Forest Management in the Pacific Rim Region. Journal of Sustainable Forestry, 2007, 24, 245-278.	1.4	7
70	Interactions between fire, climate change and forest biodiversity.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2006, 1, .	1.0	4
71	Does forest harvesting emulate fire disturbance? A comparison of effects on selected attributes in coniferous-dominated headwater systems. Forest Ecology and Management, 2005, 214, 305-319.	3.2	43