

Craig R Nitschke

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

2,076
citations

236612

25
h-index

253896

43
g-index

74
all docs

74
docs citations

74
times ranked

2498
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	223
2	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.	1.0	161
3	Short-interval wildfires increase likelihood of resprouting failure in fire-tolerant trees. <i>Journal of Environmental Management</i> , 2019, 231, 59-65.	3.8	78
4	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.	1.1	74
5	Global Drivers and Tradeoffs of Three Urban Vegetation Ecosystem Services. <i>PLoS ONE</i> , 2014, 9, e113000.	1.1	72
6	Integrating climate change into forest management in South-Central British Columbia: An assessment of landscape vulnerability and development of a climate-smart framework. <i>Forest Ecology and Management</i> , 2008, 256, 313-327.	1.4	71
7	A tree and climate assessment tool for modelling ecosystem response to climate change. <i>Ecological Modelling</i> , 2008, 210, 263-277.	1.2	68
8	An ecoclimatic framework for evaluating the resilience of vegetation to water deficit. <i>Global Change Biology</i> , 2016, 22, 1677-1689.	4.2	68
9	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.	3.4	68
10	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.	1.4	64
11	Modelling the potential impact of climate variability and change on species regeneration potential in the temperate forests of South-Eastern Australia. <i>Global Change Biology</i> , 2012, 18, 1053-1072.	4.2	59
12	Carbon stocks in temperate forests of south-eastern Australia reflect large tree distribution and edaphic conditions. <i>Forest Ecology and Management</i> , 2014, 334, 129-143.	1.4	49
13	Carbon sequestration in managed temperate coniferous forests under climate change. <i>Biogeosciences</i> , 2016, 13, 1933-1947.	1.3	46
14	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.	0.7	45
15	Structural diversity underpins carbon storage in Australian temperate forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 789-802.	2.7	45
16	Does forest harvesting emulate fire disturbance? A comparison of effects on selected attributes in coniferous-dominated headwater systems. <i>Forest Ecology and Management</i> , 2005, 214, 305-319.	1.4	43
17	Climatic change and fire potential in South-Central British Columbia, Canada. <i>Global Change Biology</i> , 2008, 14, 841-855.	4.2	42
18	The effects of land tenure and land use on the urban forest structure and composition of Melbourne. <i>Urban Forestry and Urban Greening</i> , 2013, 12, 417-425.	2.3	41

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19	Adaptation to Climate Change in Panchase Mountain Ecological Regions of Nepal. <i>Environments - MDPI</i> , 2018, 5, 42.	1.5	37
20	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.	1.5	36
21	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.	1.9	32
22	The cumulative effects of resource development on biodiversity and ecological integrity in the Peace-Moberly region of Northeast British Columbia, Canada. <i>Biodiversity and Conservation</i> , 2008, 17, 1715-1740.	1.2	31
23	Unstable climate-growth relations for white spruce in southwest Yukon, Canada. <i>Climatic Change</i> , 2013, 116, 593-611.	1.7	30
24	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.	4.9	30
25	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.	1.9	27
26	Climate change drives habitat contraction of a nocturnal arboreal marsupial at its physiological limits. <i>Ecosphere</i> , 2020, 11, e03262.	1.0	27
27	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.	2.6	27
28	Estimating the self-thinning line from mortality data. <i>Forest Ecology and Management</i> , 2017, 402, 122-134.	1.4	22
29	Identification, Prioritization and Mapping of Ecosystem Services in the Panchase Mountain Ecological Region of Western Nepal. <i>Forests</i> , 2018, 9, 554.	0.9	22
30	Potential effect of climate change on observed fire regimes in the Cordilleran forests of South-Central Interior, British Columbia. <i>Climatic Change</i> , 2013, 116, 579-591.	1.7	20
31	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.	0.3	20
32	The influence of climate change, site type, and disturbance on stand dynamics in northwest British Columbia, Canada. <i>Ecosphere</i> , 2012, 3, 1-21.	1.0	19
33	Climate extreme variables generated using monthly time-series data improve predicted distributions of plant species. <i>Ecography</i> , 2021, 44, 626-639.	2.1	19
34	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.	1.3	18
35	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.	1.1	18
36	Environmental effects on growth phenology of co-occurring Eucalyptus species. <i>International Journal of Biometeorology</i> , 2014, 58, 427-442.	1.3	17

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37	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.	1.1	17
38	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.	1.4	17
39	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.	1.8	14
40	Radiocarbon Dating Informs Tree Fern Population Dynamics and Disturbance History of Temperate Forests in Southeast Australia. <i>Radiocarbon</i> , 2019, 61, 445-460.	0.8	14
41	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.	1.9	14
42	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.	1.4	14
43	Carbon stocks and stability are diminished by short-interval wildfires in fire-tolerant eucalypt forests. <i>Forest Ecology and Management</i> , 2022, 505, 119919.	1.4	14
44	Optimal allocation of PCR tests to minimise disease transmission through contact tracing and quarantine. <i>Epidemics</i> , 2021, 37, 100503.	1.5	13
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.	0.7	12
46	Identifying regrowth forests with advanced mature forest values. <i>Forest Ecology and Management</i> , 2019, 433, 73-84.	1.4	12
47	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.	1.9	12
48	Refining benchmarks for soil organic carbon in Australia's temperate forests. <i>Geoderma</i> , 2020, 368, 114246.	2.3	11
49	Past-century decline in forest regeneration potential across a latitudinal and elevational gradient in Canada. <i>Ecological Modelling</i> , 2015, 313, 94-102.	1.2	10
50	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.	1.0	10
51	Perceived Changes in Ecosystem Services in the Panchase Mountain Ecological Region, Nepal. <i>Resources</i> , 2019, 8, 4.	1.6	10
52	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.	1.5	10
53	Evaluating alternative forest management strategies for the Champagne and Aishihik Traditional Territory, southwest Yukon. <i>Journal of Environmental Management</i> , 2013, 120, 148-156.	3.8	9
54	Core values underpin the attributes of forests that matter to people. <i>Forestry</i> , 2018, 91, 629-640.	1.2	9

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55	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.	1.9	8
56	Monitoring Sustainable Forest Management in the Pacific Rim Region. <i>Journal of Sustainable Forestry</i> , 2007, 24, 245-278.	0.6	7
57	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.	1.5	7
58	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.	0.9	7
59	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.	0.5	6
60	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.	2.3	6
61	The Influence of Atmosphere-Ocean Phenomenon on Water Availability Across Temperate Australia. <i>Water Resources Research</i> , 2022, 58, .	1.7	6
62	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.	1.4	6
63	Recruitment and growth dynamics of a temperate forest understorey species following wildfire in southeast Australia. <i>Dendrochronologia</i> , 2021, 67, 125829.	1.0	5
64	Wildfire contribution to streamflow variability across Australian temperate zone. <i>Journal of Hydrology</i> , 2022, 609, 127728.	2.3	5
65	Did the 1976-77 switch in the Pacific Decadal Oscillation make white spruce in the southwest Yukon more susceptible to spruce bark beetle?. <i>Forestry Chronicle</i> , 2012, 88, 513-518.	0.5	4
66	Interactions between fire, climate change and forest biodiversity.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 2006, 1, .	0.6	4
67	The role of climatic variability on Eucalyptus regeneration in southeastern Australia. <i>Global Ecology and Conservation</i> , 2021, 32, e01929.	1.0	4
68	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.	0.8	4
69	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.	1.2	3
70	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.	1.4	1
71	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