Colin J Yates

List of Publications by Year in descending order

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72 papers	8,745 citations	136740 32 h-index	91712 69 g-index
73 all docs	73 docs citations	73 times ranked	11644 citing authors

#	Article	IF	Citations
1	A statistical explanation of MaxEnt for ecologists. Diversity and Distributions, 2011, 17, 43-57.	1.9	4,420
2	Refugia: identifying and understanding safe havens for biodiversity under climate change. Global Ecology and Biogeography, 2012, 21, 393-404.	2.7	786
3	Grazing effects on plant cover, soil and microclimate in fragmented woodlands in south-western Australia: implications for restoration. Austral Ecology, 2000, 25, 36-47.	0.7	293
4	Impacts of ecosystem fragmentation on plant populations: generalising the idiosyncratic. Australian Journal of Botany, 2003, 51, 471.	0.3	266
5	Temperate Eucalypt Woodlands: a Review of Their Status, Processes Threatening Their Persistence and Techniques for Restoration. Australian Journal of Botany, 1997, 45, 949.	0.3	203
6	Modelling horses for novel climate courses: insights from projecting potential distributions of native and alien Australian acacias with correlative and mechanistic models. Diversity and Distributions, 2011, 17, 978-1000.	1.9	191
7	Will amongâ€population variation in seed traits improve the chance of species persistence under climate change?. Global Ecology and Biogeography, 2015, 24, 12-24.	2.7	183
8	Plant extinction risk under climate change: are forecast range shifts alone a good indicator of species vulnerability to global warming?. Global Change Biology, 2012, 18, 1357-1371.	4.2	182
9	Assessing the impacts of climate change and land transformation on Banksia in the South West Australian Floristic Region. Diversity and Distributions, 2010, 16, 187-201.	1.9	98
10	Woodland Restoration in the Western Australian Wheatbelt: A Conceptual Framework Using a State and Transition Model. Restoration Ecology, 1997, 5, 28-35.	1.4	93
11	Facilitating adaptation of biodiversity to climate change: a conceptual framework applied to the worldâ€™s largest Mediterranean-climate woodland. Climatic Change, 2012, 110, 227-248.	1.7	89
12	Plant communities of the ironstone ranges of South Western Australia: hotspots for plant diversity and mineral deposits. Biodiversity and Conservation, 2010, 19, 3951-3962.	1.2	83
13	Maintenance of high pollen dispersal in Eucalyptus wandoo, a dominant tree of the fragmented agricultural region in Western Australia. Conservation Genetics, 2008, 9, 97-105.	0.8	80
14	Landscape-scale disturbances and regeneration in semi-arid woodlands of southwestern Australia. Pacific Conservation Biology, 1994, 1, 214.	0.5	77
15	Making decisions to conserve species under climate change. Climatic Change, 2013, 119, 239-246.	1.7	77
16	High fire frequency and the impact of the 2019â€“2020 megafires on Australian plant diversity. Diversity and Distributions, 2021, 27, 1166-1179.	1.9	72
17	Plant mating systems and assessing population persistence in fragmented landscapes. Australian Journal of Botany, 2007, 55, 239.	0.3	66
18	Impact of two wildfires on endemic granite outcrop vegetation in Western Australia. Journal of Vegetation Science, 2003, 14, 185-194.	1.1	63

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19	Macroecology meets invasion ecology: linking the native distributions of Australian acacias to invasiveness. Diversity and Distributions, 2011, 17, 872-883.	1.9	62
20	Assessing limitations on population growth in two critically endangered Acacia taxa. Biological Conservation, 2002, 108, 13-26.	1.9	60
21	Floristic diversity in fireâ€sensitive eucalypt woodlands shows a â€˜Uâ€™â€shaped relationship with time since fire. Journal of Applied Ecology, 2013, 50, 1187-1196.	1.9	60
22	Relative Importance of Reproductive Biology and Establishment Ecology for Persistence of a Rare Shrub in a Fragmented Landscape. Conservation Biology, 2005, 19, 239-249.	2.4	59
23	Rapid Characterisation of Vegetation Structure to Predict Refugia and Climate Change Impacts across a Global Biodiversity Hotspot. PLoS ONE, 2014, 9, e82778.	1.1	56
24	Predicting the impact of increasing temperatures on seed germination among populations of Western Australian Banksia (Proteaceae). Seed Science Research, 2014, 24, 195-205.	0.8	52
25	Climate warming delays and decreases seedling emergence in a Mediterranean ecosystem. Oikos, 2015, 124, 150-160.	1.2	50
26	Seed production, germinability and seedling growth for a bird-pollinated shrub in fragments of kwongan in south-west Australia. Biological Conservation, 2007, 136, 306-314.	1.9	48
27	Hierarchies of cause: understanding rarity in an endemic shrub Verticordia staminosa (Myrtaceae) with a highly restricted distribution. Australian Journal of Botany, 2007, 55, 194.	0.3	46
28	Comparative population structure and reproductive biology of the critically endangered shrub Grevillea althoferorum and two closely related more common congeners. Biological Conservation, 2003, 114, 53-65.	1.9	44
29	Prolonged isolation and persistence of a common endemic on granite outcrops in both mesic and semiâ€arid environments in southâ€western Australia. Journal of Biogeography, 2014, 41, 2032-2044.	1.4	43
30	Composition of the pollinator community, pollination and the mating system for a shrub in fragments of species rich kwongan in south-west Western Australia. Biodiversity and Conservation, 2007, 16, 1379-1395.	1.2	37
31	Will future climate change threaten a range restricted endemic species, the quokka (Setonix) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	37
32	A low-altitude mountain range as an important refugium for two narrow endemics in the Southwest Australian Floristic Region biodiversity hotspot. Annals of Botany, 2017, 119, 289-300.	1.4	37
33	High species diversity and turnover in granite inselberg floras highlight the need for a conservation strategy protecting many outcrops. Ecology and Evolution, 2019, 9, 7660-7675.	0.8	34
34	Comparative population dynamics of Eucalyptus cladocalyx in its native habitat and as an invasive species in an urban bushland in south-western Australia. Diversity and Distributions, 2003, 9, 469-483.	1.9	33
35	Multi-century changes in vegetation structure and fuel availability in fire-sensitive eucalypt woodlands. Forest Ecology and Management, 2013, 310, 102-109.	1.4	33
36	Changes in plant species and functional composition with time since fire in two mediterranean climate plant communities. Journal of Vegetation Science, 2012, 23, 1071-1081.	1.1	30

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37	Breeding system, pollination and demography in the rare granite endemic shrub Verticordia staminosa ssp. staminosa in south-west Western Australia. Austral Ecology, 2004, 29, 189-200.	0.7	29
38	Recovery of threatened plant species and their habitats in the biodiversity hotspot of the Southwest Australian Floristic Region. Plant Diversity, 2019, 41, 59-74.	1.8	29
39	Estimating fire interval bounds using vital attributes: implications of uncertainty and among-population variability. , 2013, 23, 924-935.		26
40	Evidence of population variation in drought tolerance during seed germination in four Banksia (Proteaceae) species from Western Australia. Australian Journal of Botany, 2014, 62, 481.	0.3	25
41	Persistence and stochasticity are key determinants of genetic diversity in plants associated with banded iron formation inselbergs. Biological Reviews, 2019, 94, 753-772.	4.7	25
42	The ecological relationships and demography of restricted ironstone endemic plant species: implications for conservation. Australian Journal of Botany, 2011, 59, 692.	0.3	24
43	Estimating the time since fire of long-unburnt Eucalyptus salubris (Myrtaceae) stands in the Great Western Woodlands. Australian Journal of Botany, 2013, 61, 11.	0.3	24
44	Underestimated effects of climate on plant species turnover in the Southwest Australian Floristic Region. Journal of Biogeography, 2016, 43, 289-300.	1.4	22
45	Complex interactions between remnant shape and the mating system strongly influence reproductive output and progeny performance in fragmented populations of a bird-pollinated shrub. Biological Conservation, 2013, 164, 129-139.	1.9	21
46	Long-term â€˜islandsâ€™ in the landscape: low gene flow, effective population size and genetic divergence in the shrubHakea oldfieldii(Proteaceae). Botanical Journal of the Linnean Society, 2015, 179, 319-334.	0.8	21
47	Multi-century dynamics of ant communities following fire in Mediterranean-climate woodlands: Are changes congruent with vegetation succession?. Forest Ecology and Management, 2015, 342, 30-38.	1.4	21
48	A conceptual model of vegetation dynamics for the unique obligateâ€seeder eucalypt woodlands of southâ€western Australia. Austral Ecology, 2018, 43, 681-695.	0.7	21
49	Using bioregional variation in fire history and fire response attributes as a basis for managing threatened flora in a fire-prone Mediterranean climate biodiversity hotspot. Australian Journal of Botany, 2018, 66, 134.	0.3	20
50	Multi-century periods since fire in an intact woodland landscape favour bird species declining in an adjacent agricultural region. Biological Conservation, 2019, 230, 82-90.	1.9	20
51	Ecological characteristics of Brachychiton populneus (Sterculiaceae) (kurrajong) in relation to the invasion of urban bushland in south-western Australia. Austral Ecology, 2000, 25, 487-496.	0.7	19
52	Woody shrubs and herbivory influence tree encroachment in the sandplain heathlands of southwestern Australia. Journal of Applied Ecology, 2010, 47, 441-450.	1.9	18
53	Fire does not facilitate invasion by alien annual grasses in an infertile Australian agricultural landscape. Biological Invasions, 2011, 13, 533-544.	1.2	18
54	Repeated disturbance through chaining and burning differentially affects recruitment among plant functional types in fire-prone heathlands. International Journal of Wildland Fire, 2010, 19, 52.	1.0	17

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55	Demographic and genetic viability of a medium-sized ground-dwelling mammal in a fire prone, rapidly urbanizing landscape. PLoS ONE, 2018, 13, e0191190.	1.1	17
56	Morphometric, genetic and ecological studies clarify the conservation status of a rare Acacia in Western Australia. Australian Journal of Botany, 2002, 50, 63.	0.3	15
57	Limiting inbreeding in disjunct and isolated populations of a woody shrub. Ecology and Evolution, 2016, 6, 5867-5880.	0.8	15
58	The importance of recruitment patterns versus reproductive output in the persistence of a short-range endemic shrub in a highly fragmented landscape of south-western Australia. Australian Journal of Botany, 2012, 60, 643.	0.3	14
59	Application and validation of visual fuel hazard assessments in dry Mediterranean-climate woodlands. International Journal of Wildland Fire, 2014, 23, 385.	1.0	14
60	Combined demographic and resource models quantify the effects of potential land-use change on the endangered Carnaby's cockatoo (Calyptorhynchus latirostris). Biological Conservation, 2017, 210, 8-15.	1.9	14
61	Fireâ€mediated habitat change regulates woodland bird species and functional group occurrence. Ecological Applications, 2019, 29, e01997.	1.8	14
62	Phylogenomics shows lignotuber state is taxonomically informative in closely related eucalypts. Molecular Phylogenetics and Evolution, 2019, 135, 236-248.	1.2	14
63	An integrated approach to assessing abiotic and biotic threats to postâ€fire plant species recovery: Lessons from the 2019â€“2020 Australian fire season. Global Ecology and Biogeography, 2022, 31, 2056-2069.	2.7	14
64	Reproductive biology, post-fire succession dynamics and population viability analysis of the critically endangered Western Australian shrub Calytrix breviseta subsp. breviseta (Myrtaceae). Australian Journal of Botany, 2009, 57, 451.	0.3	13
65	Fireâ€related threats and transformational change in Australian ecosystems. Global Ecology and Biogeography, 2022, 31, 2070-2084.	2.7	12
66	Continentalâ€scale syntheses ofÂAustralian pyromes â€“ misclassification of southâ€western eucalypt woodlands misinforms management. Journal of Biogeography, 2016, 43, 858-861.	1.4	11
67	Impact of two wildfires on endemic granite outcrop vegetation in Western Australia. , 2003, 14, 185.		10
68	Inselberg floristics exemplify the coast to inland OCBIL transition in a global biodiversity hotspot. Biological Journal of the Linnean Society, 2021, 133, 624-644.	0.7	6
69	The role of landscape history in the distribution and conservation of threatened flora in the Southwest Australian Floristic Region. Biological Journal of the Linnean Society, 2021, 133, 394-410.	0.7	5
70	Differential exposure and susceptibility to threats based on evolutionary history: how OCBIL theory informs flora conservation. Biological Journal of the Linnean Society, 2021, 133, 373-393.	0.7	5
71	Mapping risk to plant populations from short fire intervals via relationships between maturation period and environmental productivity. Plant Ecology, 0, , 1.	0.7	3
72	Distribution, Biogeography and Characteristics of the Threatened and Data-Deficient Flora in the Southwest Australian Floristic Region. Diversity, 2022, 14, 493.	0.7	3