David Lindenmayer

List of Publications by Year
in descending order

93 papers	6,667 citations	117453 34 h-index	71532 76 g-index
97 all docs	97 docs citations	97 times ranked	8658 citing authors

#	Article	IF	Citations
1	Design considerations for rapid biodiversity reconnaissance surveys and longâ€term monitoring to assess the impact of wildfire. Diversity and Distributions, 2022, 28, 559-570.	1.9	9
2	Diversifying Forest Landscape Managementâ€"A Case Study of a Shift from Native Forest Logging to Plantations in Australian Wet Forests. Land, 2022, 11, 407.	1.2	5
3	Stand age related differences in forest microclimate. Forest Ecology and Management, 2022, 510, 120101.	1.4	20
4	Critical Ecological Roles, Structural Attributes and Conservation of Old Growth Forest: Lessons From a Case Study of Australian Mountain Ash Forests. Frontiers in Forests and Global Change, 2022, 5, .	1.0	6
5	The effect of natural disturbances on forest biodiversity: an ecological synthesis. Biological Reviews, 2022, 97, 1930-1947.	4.7	40
6	Isolated trees support lower bird taxonomic richness than trees within habitat patches but similar functional diversity. Biotropica, 2021, 53, 213-220.	0.8	1
7	Long-Term Empirical Studies Highlight Multiple Drivers of Temporal Change in Bird Fauna in the Wet Forests of Victoria, South-Eastern Australia. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	3
8	What factors influence the occurrence and abundance of midstorey Acacia in Mountain Ash forests?. Austral Ecology, 2021, 46, 532-544.	0.7	7
9	Counting plants: The extent and adequacy of monitoring for a continental-scale list of threatened plant species. Biological Conservation, 2021, 260, 109193.	1.9	7
10	Australia threatens to weaken forest laws. Science, 2021, 373, 752-752.	6.0	3
11	Empirical analyses of the factors influencing fire severity in southeastern Australia. Ecosphere, 2021, 12, e03721.	1.0	21
12	Fire, forests and fauna (The 2020 Krebs Lecture). Pacific Conservation Biology, 2021, 27, 118.	0.5	1
13	Frontiers of protected areas versus forest exploitation: Assessing habitat network functionality in 16 case study regions globally. Ambio, 2021, 50, 2286-2310.	2.8	21
14	Are fire refugia less predictable due to climate change?. Environmental Research Letters, 2021, 16, 114028.	2.2	17
15	Threats to Australiaâ€™s rock-wallabies (Petrogale spp.) with key directions for effective monitoring. Biodiversity and Conservation, 2021, 30, 4137-4161.	1.2	7
16	Direct and indirect disturbance impacts on forest biodiversity. Ecosphere, 2021, 12, .	1.0	7
17	A spatially explicit empirical model of structural development processes in natural forests based on climate and topography. Conservation Biology, 2020, 34, 194-206.	2.4	8
18	An empirical test of the mechanistic underpinnings of interference competition. Oikos, 2020, 129, 93-105.	1.2	8

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19	Estimating retention benchmarks for salvage logging to protect biodiversity. Nature Communications, 2020, 11, 4762.	5.8	54
20	More bang for your buck: Managing the military training and environmental values of military training areas. Environmental and Sustainability Indicators, 2020, 8, 100053.	1.7	1
21	Improving Restoration Programs Through Greater Connection With Ecological Theory and Better Monitoring. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	42
22	A checklist of attributes for effective monitoring of threatened species and threatened ecosystems. Journal of Environmental Management, 2020, 262, 110312.	3.8	41
23	Measuring net-positive outcomes for nature using accounting. Nature Ecology and Evolution, 2020, 4, 284-285.	3.4	5
24	Extensive recent wildfires demand more stringent protection of critical old growth forest. Pacific Conservation Biology, 2020, 26, 384.	0.5	22
25	Modelling water yields in response to logging and Representative Climate Futures. Science of the Total Environment, 2019, 688, 890-902.	3.9	18
26	Genomic reconstruction of 100 000-year grassland history in a forested country: population dynamics of specialist forbs. Biology Letters, 2019, 15, 20180577.	1.0	17
27	Accounting for ecosystem services â€“ Lessons from Australia for its application and use in Oceania to achieve sustainable development. Ecosystem Services, 2019, 39, 100986.	2.3	15
28	Variable retention harvesting in Victoriaâ€™s Mountain Ash (Eucalyptus regnans) forests (southeastern) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	14
29	Accounting and valuing the ecosystem services related to water supply in the Central Highlands of Victoria, Australia. Ecosystem Services, 2019, 39, 101004.	2.3	12
30	An experimental test of a compensatory nest predation model following lethal control of an overabundant native species. Biological Conservation, 2019, 231, 122-132.	1.9	15
31	Continental-scale assessment reveals inadequate monitoring for threatened vertebrates in a megadiverse country. Biological Conservation, 2019, 235, 273-278.	1.9	53
32	Patchâ€scale culls of an overabundant bird defeated by immediate recolonization. Ecological Applications, 2019, 29, e01846.	1.8	21
33	Small patches make critical contributions to biodiversity conservation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 717-719.	3.3	66
34	Putting biodiversity into the national accounts: Creating a new paradigm for economic decisions. Ambio, 2019, 48, 726-731.	2.8	15
35	Increasing disturbance demands new policies to conserve intact forest. Conservation Letters, 2019, 12, e12449.	2.8	81
36	The exceptional value of intact forest ecosystems. Nature Ecology and Evolution, 2018, 2, 599-610.	3.4	681

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37	Ten lessons in 20 years: Insights from monitoring fauna and temperate woodland revegetation. Ecological Management and Restoration, 2018, 19, 36-43.	0.7	11
38	Countering resistance to protectedâ€area extension. Conservation Biology, 2018, 32, 315-321.	2.4	19
39	Towards integrated management of Australiaâ€™s ecologically significant military training areas. Australasian Journal of Environmental Management, 2018, 25, 193-211.	0.6	1
40	Failing to conserve Leadbeater's Possum and its Mountain Ash forest habitat. Australian Zoologist, 2018, 39, 443-448.	0.6	8
41	Please do not disturb ecosystems further. Nature Ecology and Evolution, 2017, 1, 31.	3.4	72
42	Principles for integrated environmental management of military training areas. Land Use Policy, 2017, 63, 186-195.	2.5	15
43	Conserving small natural features with large ecological roles: A synthetic overview. Biological Conservation, 2017, 211, 88-95.	1.9	113
44	Halting natural resource depletion: Engaging with economic and political power. Economic and Labour Relations Review, 2017, 28, 41-56.	0.9	17
45	Managing military training-related environmental disturbance. Journal of Environmental Management, 2017, 204, 486-493.	3.8	11
46	Ecosystem accounts define explicit and spatial trade-offs for managing natural resources. Nature Ecology and Evolution, 2017, 1, 1683-1692.	3.4	95
47	Save Australia's ecological research. Science, 2017, 357, 557-557.	6.0	18
48	Do nest boxes in restored woodlands promote the conservation of hollowâ€dependent fauna?. Restoration Ecology, 2016, 24, 244-251.	1.4	51
49	Dynamic species coâ€occurrence networks require dynamic biodiversity surrogates. Ecography, 2016, 39, 1185-1196.	2.1	31
50	Evaluating complementary networks of restoration plantings for landscapeâ€scale occurrence of temporally dynamic species. Conservation Biology, 2016, 30, 1027-1037.	2.4	13
51	Using empirical models of species colonization under multiple threatening processes to identify complementary threatâ€mitigation strategies. Conservation Biology, 2016, 30, 867-882.	2.4	23
52	Avoiding ecosystem collapse in managed forest ecosystems. Frontiers in Ecology and the Environment, 2016, 14, 561-568.	1.9	66
53	Interactions between Forest Resource Management and Landscape Structure. Current Landscape Ecology Reports, 2016, 1, 10-18.	1.1	12
54	Integrating plantâ€and animalâ€based perspectives for more effective restoration of biodiversity. Frontiers in Ecology and the Environment, 2016, 14, 37-45.	1.9	126

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55	Bombing for Biodiversity-Enhancing Conservation Values of Military Training Areas. Conservation Letters, 2015, 8, 299-305.	2.8	45
56	Under What Circumstances Do Wood Products from Native Forests Benefit Climate Change Mitigation?. PLoS ONE, 2015, 10, e0139640.	1.1	63
57	Policy Options for the World's Primary Forests in Multilateral Environmental Agreements. Conservation Letters, 2015, 8, 139-147.	2.8	156
58	Rethinking forest carbon assessments to account for policy institutions. Nature Climate Change, 2015, 5, 946-949.	8.1	49
59	Woodland habitat structures are affected by both agricultural land management and abiotic conditions. Landscape Ecology, 2015, 30, 1387-1403.	1.9	21
60	Richness is not all: how changes in avian functional diversity reflect major landscape modification caused by pine plantations. Diversity and Distributions, 2015, 21, 836-847.	1.9	42
61	Moving beyond evidenceâ€free environmental policy. Frontiers in Ecology and the Environment, 2015, 13, 441-448.	1.9	34
62	A new framework for selecting environmental surrogates. Science of the Total Environment, 2015, 538, 1029-1038.	3.9	84
63	Managing tree plantations as novel socioecological systems: Australian and North American perspectives. Canadian Journal of Forest Research, 2015, 45, 1427-1433.	0.8	33
64	Mountain Ash. , 2015, , .		20
65	Preventing the Extinction of an Iconic Globally Endangered Species â€“ Leadbeaterâ€™s Possum (Gymnobelideus leadbeateri). Journal of Biodiversity & Endangered Species, 2014, 02, .	0.1	4
66	Managing temperate forests for carbon storage: impacts of logging versus forest protection on carbon stocks. Ecosphere, 2014, 5, 1-34.	1.0	117
67	Fossil fuels' future. Science, 2014, 345, 739-740.	6.0	5
68	Crossâ€sectional and temporal relationships between bird occupancy and vegetation cover at multiple spatial scales. Ecological Applications, 2014, 24, 1275-1288.	1.8	31
69	Booderee National Park. , 2014, , .		18
70	Untangling the confusion around land carbon science and climate change mitigation policy. Nature Climate Change, 2013, 3, 552-557.	8.1	203
71	Murray <scp>C</scp>atchment habitat restoration: <scp>L</scp>essons from landscapeâ€level research and monitoring. Ecological Management and Restoration, 2013, 14, 80-92.	0.7	9
72	From biodiversity to bioperversity: from good science to poor environmental policy. Pacific Conservation Biology, 2013, 19, 250.	0.5	5

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73	Principles and practices for biodiversity conservation and restoration forestry: a 30 year case study on the Victorian montane ash forests and the critically endangered Leadbeater's Possum. Australian Zoologist, 2013, 36, 441-460.	0.6	27
74	Landscape moderation of biodiversity patterns and processes â€•eight hypotheses. Biological Reviews, 2012, 87, 661-685.	4.7	1,443
75	Predicting Ecosystem Wide Impacts of Wallaby Management Using a Fuzzy Cognitive Map. Ecosystems, 2012, 15, 1363-1379.	1.6	34
76	Is biodiversity management effective? Cross-sectional relationships between management, bird response and vegetation attributes in an Australian agri-environment scheme. Biological Conservation, 2012, 152, 62-73.	1.9	38
77	Estimating carbon carrying capacity in natural forest ecosystems across heterogeneous landscapes: addressing sources of error. Global Change Biology, 2010, 16, 2971-2989.	4.2	44
78	Some Guiding Concepts for Conservation Biology. Conservation Biology, 2010, 24, 1459-1468.	2.4	58
79	A meta-analysis of fauna and flora species richness and abundance in plantations and pasture lands. Biological Conservation, 2010, 143, 545-554.	1.9	120
80	Diversity in Current Ecological Thinking: Implications for Environmental Management. Environmental Management, 2009, 43, 17-27.	1.2	74
81	Forest Pattern and Ecological Process. , 2009, , .		46
82	A checklist for ecological management of landscapes for conservation. Ecology Letters, 2008, 11, 78-91.	3.0	518
83	Genetic insights into population recovery following experimental perturbation in a fragmented landscape. Biological Conservation, 2006, 132, 520-532.	1.9	43
84	The influence of snow cover on home range and activity of the bush-rat (Rattus fuscipes) and the dusky antechinus (Antechinus swainsonii). Wildlife Research, 2006, 33, 489.	0.7	14
85	The Characteristics and Classification of Australian Snow Cover: an Ecological Perspective. Arctic, Antarctic, and Alpine Research, 2006, 38, 429-435.	0.4	27
86	Marine reserves with ecological uncertainty. Bulletin of Mathematical Biology, 2005, 67, 957-971.	0.9	70
87	A comparison of constructed and natural habitat for frog conservation in an Australian agricultural landscape. Biological Conservation, 2004, 119, 61-71.	1.9	87
88	Impact of post-European stream change on frog habitat: southeastern Australia. Biodiversity and Conservation, 2003, 12, 301-320.	1.2	25
89	Congruence between natural and human forest disturbance: a case study from Australian montane ash forests. Forest Ecology and Management, 2002, 155, 319-335.	1.4	111
90	Tree Hollows and Wildlife Conservation in Australia. , 2002, , .		282

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91	Use of farm dams as frog habitat in an Australian agricultural landscape: factors affecting species richness and distribution. Biological Conservation, 2001, 102, 155-169.	1.9	132
92	Threads of Continuity. There are immense differences between even-aged silvicultural disturbances (especially clearcutting) and natural disturbances, such as windthrow, wildfire, and even volcanic eruptions.. Conservation, 2000, 1, 8-17.	0.1	319
93	Wildlife planning using FORPLAN: a review and examples from Victorian forests. Australian Forestry, 1994, 57, 131-140.	0.3	11