

David Lindenmayer

List of Publications by Year in descending order

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Version: 2024-02-01

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	Landscape moderation of biodiversity patterns and processes – eight hypotheses. <i>Biological Reviews</i> , 2012, 87, 661-685.	4.7	1,443
2	The exceptional value of intact forest ecosystems. <i>Nature Ecology and Evolution</i> , 2018, 2, 599-610.	3.4	681
3	A checklist for ecological management of landscapes for conservation. <i>Ecology Letters</i> , 2008, 11, 78-91.	3.0	518
4	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.. <i>Conservation</i> , 2000, 1, 8-17.	0.1	319
5	Tree Hollows and Wildlife Conservation in Australia. , 2002, , .		282
6	Untangling the confusion around land carbon science and climate change mitigation policy. <i>Nature Climate Change</i> , 2013, 3, 552-557.	8.1	203
7	Policy Options for the World's Primary Forests in Multilateral Environmental Agreements. <i>Conservation Letters</i> , 2015, 8, 139-147.	2.8	156
8	Use of farm dams as frog habitat in an Australian agricultural landscape: factors affecting species richness and distribution. <i>Biological Conservation</i> , 2001, 102, 155-169.	1.9	132
9	Integrating plant- and animal-based perspectives for more effective restoration of biodiversity. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 37-45.	1.9	126
10	A meta-analysis of fauna and flora species richness and abundance in plantations and pasture lands. <i>Biological Conservation</i> , 2010, 143, 545-554.	1.9	120
11	Managing temperate forests for carbon storage: impacts of logging versus forest protection on carbon stocks. <i>Ecosphere</i> , 2014, 5, 1-34.	1.0	117
12	Conserving small natural features with large ecological roles: A synthetic overview. <i>Biological Conservation</i> , 2017, 211, 88-95.	1.9	113
13	Congruence between natural and human forest disturbance: a case study from Australian montane ash forests. <i>Forest Ecology and Management</i> , 2002, 155, 319-335.	1.4	111
14	Ecosystem accounts define explicit and spatial trade-offs for managing natural resources. <i>Nature Ecology and Evolution</i> , 2017, 1, 1683-1692.	3.4	95
15	A comparison of constructed and natural habitat for frog conservation in an Australian agricultural landscape. <i>Biological Conservation</i> , 2004, 119, 61-71.	1.9	87
16	A new framework for selecting environmental surrogates. <i>Science of the Total Environment</i> , 2015, 538, 1029-1038.	3.9	84
17	Increasing disturbance demands new policies to conserve intact forest. <i>Conservation Letters</i> , 2019, 12, e12449.	2.8	81
18	Diversity in Current Ecological Thinking: Implications for Environmental Management. <i>Environmental Management</i> , 2009, 43, 17-27.	1.2	74

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19	Please do not disturb ecosystems further. <i>Nature Ecology and Evolution</i> , 2017, 1, 31.	3.4	72
20	Marine reserves with ecological uncertainty. <i>Bulletin of Mathematical Biology</i> , 2005, 67, 957-971.	0.9	70
21	Avoiding ecosystem collapse in managed forest ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 561-568.	1.9	66
22	Small patches make critical contributions to biodiversity conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 717-719.	3.3	66
23	Under What Circumstances Do Wood Products from Native Forests Benefit Climate Change Mitigation?. <i>PLoS ONE</i> , 2015, 10, e0139640.	1.1	63
24	Some Guiding Concepts for Conservation Biology. <i>Conservation Biology</i> , 2010, 24, 1459-1468.	2.4	58
25	Estimating retention benchmarks for salvage logging to protect biodiversity. <i>Nature Communications</i> , 2020, 11, 4762.	5.8	54
26	Continental-scale assessment reveals inadequate monitoring for threatened vertebrates in a megadiverse country. <i>Biological Conservation</i> , 2019, 235, 273-278.	1.9	53
27	Do nest boxes in restored woodlands promote the conservation of hollowâ€dependent fauna?. <i>Restoration Ecology</i> , 2016, 24, 244-251.	1.4	51
28	Rethinking forest carbon assessments to account for policy institutions. <i>Nature Climate Change</i> , 2015, 5, 946-949.	8.1	49
29	Forest Pattern and Ecological Process. , 2009, , .		46
30	Bombing for Biodiversity-Enhancing Conservation Values of Military Training Areas. <i>Conservation Letters</i> , 2015, 8, 299-305.	2.8	45
31	Estimating carbon carrying capacity in natural forest ecosystems across heterogeneous landscapes: addressing sources of error. <i>Global Change Biology</i> , 2010, 16, 2971-2989.	4.2	44
32	Genetic insights into population recovery following experimental perturbation in a fragmented landscape. <i>Biological Conservation</i> , 2006, 132, 520-532.	1.9	43
33	Richness is not all: how changes in avian functional diversity reflect major landscape modification caused by pine plantations. <i>Diversity and Distributions</i> , 2015, 21, 836-847.	1.9	42
34	Improving Restoration Programs Through Greater Connection With Ecological Theory and Better Monitoring. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	42
35	A checklist of attributes for effective monitoring of threatened species and threatened ecosystems. <i>Journal of Environmental Management</i> , 2020, 262, 110312.	3.8	41
36	The effect of natural disturbances on forest biodiversity: an ecological synthesis. <i>Biological Reviews</i> , 2022, 97, 1930-1947.	4.7	40

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37	Is biodiversity management effective? Cross-sectional relationships between management, bird response and vegetation attributes in an Australian agri-environment scheme. <i>Biological Conservation</i> , 2012, 152, 62-73.	1.9	38
38	Predicting Ecosystem Wide Impacts of Wallaby Management Using a Fuzzy Cognitive Map. <i>Ecosystems</i> , 2012, 15, 1363-1379.	1.6	34
39	Moving beyond evidence-free environmental policy. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 441-448.	1.9	34
40	Managing tree plantations as novel socioecological systems: Australian and North American perspectives. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1427-1433.	0.8	33
41	Cross-sectional and temporal relationships between bird occupancy and vegetation cover at multiple spatial scales. <i>Ecological Applications</i> , 2014, 24, 1275-1288.	1.8	31
42	Dynamic species co-occurrence networks require dynamic biodiversity surrogates. <i>Ecography</i> , 2016, 39, 1185-1196.	2.1	31
43	The Characteristics and Classification of Australian Snow Cover: an Ecological Perspective. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 429-435.	0.4	27
44	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. <i>Australian Zoologist</i> , 2013, 36, 441-460.	0.6	27
45	Impact of post-European stream change on frog habitat: southeastern Australia. <i>Biodiversity and Conservation</i> , 2003, 12, 301-320.	1.2	25
46	Using empirical models of species colonization under multiple threatening processes to identify complementary threat-mitigation strategies. <i>Conservation Biology</i> , 2016, 30, 867-882.	2.4	23
47	Extensive recent wildfires demand more stringent protection of critical old growth forest. <i>Pacific Conservation Biology</i> , 2020, 26, 384.	0.5	22
48	Woodland habitat structures are affected by both agricultural land management and abiotic conditions. <i>Landscape Ecology</i> , 2015, 30, 1387-1403.	1.9	21
49	Patch-scale culls of an overabundant bird defeated by immediate recolonization. <i>Ecological Applications</i> , 2019, 29, e01846.	1.8	21
50	Empirical analyses of the factors influencing fire severity in southeastern Australia. <i>Ecosphere</i> , 2021, 12, e03721.	1.0	21
51	Frontiers of protected areas versus forest exploitation: Assessing habitat network functionality in 16 case study regions globally. <i>Ambio</i> , 2021, 50, 2286-2310.	2.8	21
52	Mountain Ash. , 2015, , .		20
53	Stand age related differences in forest microclimate. <i>Forest Ecology and Management</i> , 2022, 510, 120101.	1.4	20
54	Countering resistance to protected-area extension. <i>Conservation Biology</i> , 2018, 32, 315-321.	2.4	19

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55	Save Australia's ecological research. <i>Science</i> , 2017, 357, 557-557.	6.0	18
56	Modelling water yields in response to logging and Representative Climate Futures. <i>Science of the Total Environment</i> , 2019, 688, 890-902.	3.9	18
57	Booderee National Park. , 2014, , .		18
58	Halting natural resource depletion: Engaging with economic and political power. <i>Economic and Labour Relations Review</i> , 2017, 28, 41-56.	0.9	17
59	Genomic reconstruction of 100 000-year grassland history in a forested country: population dynamics of specialist forbs. <i>Biology Letters</i> , 2019, 15, 20180577.	1.0	17
60	Are fire refugia less predictable due to climate change?. <i>Environmental Research Letters</i> , 2021, 16, 114028.	2.2	17
61	Principles for integrated environmental management of military training areas. <i>Land Use Policy</i> , 2017, 63, 186-195.	2.5	15
62	Accounting for ecosystem services " Lessons from Australia for its application and use in Oceania to achieve sustainable development. <i>Ecosystem Services</i> , 2019, 39, 100986.	2.3	15
63	An experimental test of a compensatory nest predation model following lethal control of an overabundant native species. <i>Biological Conservation</i> , 2019, 231, 122-132.	1.9	15
64	Putting biodiversity into the national accounts: Creating a new paradigm for economic decisions. <i>Ambio</i> , 2019, 48, 726-731.	2.8	15
65	The influence of snow cover on home range and activity of the bush-rat (<i>Rattus fuscipes</i>) and the dusky antechinus (<i>Antechinus swainsonii</i>). <i>Wildlife Research</i> , 2006, 33, 489.	0.7	14
66	Variable retention harvesting in Victoria's Mountain Ash (<i>Eucalyptus regnans</i>) forests (southeastern) Tj ETQq0 0.0 rgBT /Qyerlock 10	1.6	14
67	Evaluating complementary networks of restoration plantings for landscape-scale occurrence of temporally dynamic species. <i>Conservation Biology</i> , 2016, 30, 1027-1037.	2.4	13
68	Interactions between Forest Resource Management and Landscape Structure. <i>Current Landscape Ecology Reports</i> , 2016, 1, 10-18.	1.1	12
69	Accounting and valuing the ecosystem services related to water supply in the Central Highlands of Victoria, Australia. <i>Ecosystem Services</i> , 2019, 39, 101004.	2.3	12
70	Wildlife planning using FORPLAN: a review and examples from Victorian forests. <i>Australian Forestry</i> , 1994, 57, 131-140.	0.3	11
71	Managing military training-related environmental disturbance. <i>Journal of Environmental Management</i> , 2017, 204, 486-493.	3.8	11
72	Ten lessons in 20 years: Insights from monitoring fauna and temperate woodland revegetation. <i>Ecological Management and Restoration</i> , 2018, 19, 36-43.	0.7	11

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73	Murray <sc>C</sc>atchment habitat restoration: <sc>L</sc>essons from landscape-level research and monitoring. <i>Ecological Management and Restoration</i> , 2013, 14, 80-92.	0.7	9
74	Design considerations for rapid biodiversity reconnaissance surveys and long-term monitoring to assess the impact of wildfire. <i>Diversity and Distributions</i> , 2022, 28, 559-570.	1.9	9
75	A spatially explicit empirical model of structural development processes in natural forests based on climate and topography. <i>Conservation Biology</i> , 2020, 34, 194-206.	2.4	8
76	An empirical test of the mechanistic underpinnings of interference competition. <i>Oikos</i> , 2020, 129, 93-105.	1.2	8
77	Failing to conserve Leadbeater's Possum and its Mountain Ash forest habitat. <i>Australian Zoologist</i> , 2018, 39, 443-448.	0.6	8
78	What factors influence the occurrence and abundance of midstorey <i>Acacia</i> in Mountain Ash forests?. <i>Austral Ecology</i> , 2021, 46, 532-544.	0.7	7
79	Counting plants: The extent and adequacy of monitoring for a continental-scale list of threatened plant species. <i>Biological Conservation</i> , 2021, 260, 109193.	1.9	7
80	Threats to Australia's rock-wallabies (<i>Petrogale</i> spp.) with key directions for effective monitoring. <i>Biodiversity and Conservation</i> , 2021, 30, 4137-4161.	1.2	7
81	Direct and indirect disturbance impacts on forest biodiversity. <i>Ecosphere</i> , 2021, 12, .	1.0	7
82	Critical Ecological Roles, Structural Attributes and Conservation of Old Growth Forest: Lessons From a Case Study of Australian Mountain Ash Forests. <i>Frontiers in Forests and Global Change</i> , 2022, 5, .	1.0	6
83	From biodiversity to bioperversity: from good science to poor environmental policy. <i>Pacific Conservation Biology</i> , 2013, 19, 250.	0.5	5
84	Fossil fuels' future. <i>Science</i> , 2014, 345, 739-740.	6.0	5
85	Measuring net-positive outcomes for nature using accounting. <i>Nature Ecology and Evolution</i> , 2020, 4, 284-285.	3.4	5
86	Diversifying Forest Landscape Management—A Case Study of a Shift from Native Forest Logging to Plantations in Australian Wet Forests. <i>Land</i> , 2022, 11, 407.	1.2	5
87	Preventing the Extinction of an Iconic Globally Endangered Species — Leadbeater's Possum (<i>Gymnobelideus leadbeateri</i>). <i>Journal of Biodiversity & Endangered Species</i> , 2014, 02, .	0.1	4
88	Long-Term Empirical Studies Highlight Multiple Drivers of Temporal Change in Bird Fauna in the Wet Forests of Victoria, South-Eastern Australia. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
89	Australia threatens to weaken forest laws. <i>Science</i> , 2021, 373, 752-752.	6.0	3
90	Towards integrated management of Australia's ecologically significant military training areas. <i>Australasian Journal of Environmental Management</i> , 2018, 25, 193-211.	0.6	1

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91	More bang for your buck: Managing the military training and environmental values of military training areas. <i>Environmental and Sustainability Indicators</i> , 2020, 8, 100053.	1.7	1
92	Isolated trees support lower bird taxonomic richness than trees within habitat patches but similar functional diversity. <i>Biotropica</i> , 2021, 53, 213-220.	0.8	1
93	Fire, forests and fauna (The 2020 Krebs Lecture). <i>Pacific Conservation Biology</i> , 2021, 27, 118.	0.5	1