Ralph Mac Nally

List of Publications by Year
in descending order

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213	12,168	28274	32842
papers	citations	55 h-index	100 g-index

214	214	214	13872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Title is missing!. Biodiversity and Conservation, 2000, 9, 655-671.	2.6	813
2	Anthropogenic disturbance in tropical forests can double biodiversity loss from deforestation. Nature, 2016, 535, 144-147.	27.8	718
3	A checklist for ecological management of landscapes for conservation. Ecology Letters, 2008, 11, 78-91.	6.4	518
4	Title is missing!. Biodiversity and Conservation, 2002, 11, 1397-1401.	2.6	481
5	Scientific Foundations for an IUCN Red List of Ecosystems. PLoS ONE, 2013, 8, e62111.	2.5	383
6	Macroinvertebrate diversity in headwater streams: a review. Freshwater Biology, 2008, 53, 1707-1721.	2.4	349
7	Hierarchical Partitioning Public-domain Software. Biodiversity and Conservation, 2004, 13, 659-660.	2.6	310
8	Riparian Ecosystems in the 21st Century: Hotspots for Climate Change Adaptation?. Ecosystems, 2013, 16, 359-381.	3.4	275
9	How pervasive is biotic homogenization in humanâ€modified tropical forest landscapes?. Ecology Letters, 2015, 18, 1108-1118.	6.4	233
10	Horizon scan of global conservation issues for 2011. Trends in Ecology and Evolution, 2011, 26, 10-16.	8.7	213
11	Time lags in provision of habitat resources through revegetation. Biological Conservation, 2008, 141, 174-186.	4.1	207
12	Invasional meltdown: Invaderâ€“invader mutualism facilitates a secondary invasion. Ecology, 2011, 92, 1758-1768.	3.2	166
13	Bayesian change point analysis of abundance trends for pelagic fishes in the upper San Francisco Estuary. Ecological Applications, 2010, 20, 1431-1448.	3.8	152
14	Collapse of an avifauna: climate change appears to exacerbate habitat loss and degradation. Diversity and Distributions, 2009, 15, 720-730.	4.1	151
15	The effects of climate change and landâ€use change on demographic rates and population viability. Biological Reviews, 2015, 90, 837-853.	10.4	151
16	Regime shifts, thresholds and multiple stable states in freshwater ecosystems; a critical appraisal of the evidence. Science of the Total Environment, 2015, 534, 122-130.	8.0	146
17	Relationships between terrestrial vertebrate diversity, abundance and availability of coarse woody debris on south-eastern Australian floodplains. Biological Conservation, 2001, 99, 191-205.	4.1	141
18	Forecasting the impacts of habitat fragmentation. Evaluation of species-specific predictions of the impact of habitat fragmentation on birds in the boxâ€“ironbark forests of central Victoria, Australia. Biological Conservation, 2000, 95, 7-29.	4.1	140

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19	A social and ecological assessment of tropical land uses at multiple scales: the Sustainable Amazon Network. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120166.	4.0	133
20	Effects of floristics, physiognomy and non-native vegetation on riparian bird communities in a Mojave Desert watershed. Journal of Animal Ecology, 2003, 72, 484-490.	2.8	129
21	The clock is tickingâ€"Revegetation and habitat for birds and arboreal mammals in rural landscapes of southern Australia. Agriculture, Ecosystems and Environment, 2006, 112, 356-366.	5.3	129
22	Integrating plantâ€•and animalâ€bbased perspectives for more effective restoration of biodiversity. Frontiers in Ecology and the Environment, 2016, 14, 37-45.	4.0	126
23	Balancing the environmental benefits of reforestation in agricultural regions. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 301-317.	2.7	122
24	Analysis of pelagic species decline in the upper San Francisco Estuary using multivariate autoregressive modeling (MAR). Ecological Applications, 2010, 20, 1417-1430.	3.8	115
25	Modeling and Predicting Species Occurrence Using Broad-Scale Environmental Variables: an Example with Butterflies of the Great Basin. Conservation Biology, 2001, 15, 1674-1685.	4.7	109
26	Multi-scale assessment of human-induced changes to Amazonian instream habitats. Landscape Ecology, 2016, 31, 1725-1745.	4.2	108
27	Second rate or a second chance? Assessing biomass and biodiversity recovery in regenerating Amazonian forests. Global Change Biology, 2018, 24, 5680-5694.	9.5	107
28	HOW WELL DO ECOSYSTEM-BASED PLANNING UNITS REPRESENT DIFFERENT COMPONENTS OF BIODIVERSITY?. , 2002, 12, 900-912.		98
29	Using Indicator Species to Predict Species Richness of Multiple Taxonomic Groups. Conservation Biology, 2005, 19, 1125-1137.	4.7	98
30	Carbon-focused conservation may fail to protect the most biodiverse tropical forests. Nature Climate Change, 2018, 8, 744-749.	18.8	98
31	Reptiles and habitat fragmentation in the box-ironbark forests of central Victoria, Australia: predictions, compositional change and faunal nestedness. Oecologia, 2001, 128, 116-125.	2.0	96
32	Riverine invertebrate assemblages are degraded more by catchment urbanisation than by riparian deforestation. Freshwater Biology, 2007, 52, 574-587.	2.4	96
33	Comparative influence of spatial scale on beta diversity within regional assemblages of birds and butterflies. Journal of Biogeography, 2004, 31, 917-929.	3.0	91
34	Avifaunal disarray due to a single despotic species. Diversity and Distributions, 2013, 19, 1468-1479.	4.1	91
35	Putting the â€œEcologyâ€•into Environmental Flows: Ecological Dynamics and Demographic Modelling. Environmental Management, 2012, 50, 1-10.	2.7	89
36	Integrated terrestrial-freshwater planning doubles conservation of tropical aquatic species. Science, 2020, 370, 117-121.	12.6	87

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37	Habitat loss and the habitat fragmentation threshold: an experimental evaluation of impacts on richness and total abundances using grassland invertebrates. Biological Conservation, 2002, 105, 217-229.	4.1	85
38	Model selection using information criteria, but is the â€œbestâ€•model any good?. Journal of Applied Ecology, 2018, 55, 1441-1444.	4.0	80
39	Mortality of developing floodplain forests subjected to a drying climate and water extraction. Global Change Biology, 2009, 15, 2176-2186.	9.5	79
40	Dynamics of Murrayâ€Ðarling floodplain forests under multiple stressors: The past, present, and future of an Australian icon. Water Resources Research, 2011, 47, .	4.2	78
41	A Successful Predictive Model of Species Richness Based on Indicator Species. Conservation Biology, 2004, 18, 646-654.	4.7	76
42	Despotic, highâ€impact species and the subcontinental scale control of avian assemblage structure. Ecology, 2012, 93, 668-678.	3.2	76
43	Legacies, lags and longâ€term trends: Effective flow restoration in a changed and changing world. Freshwater Biology, 2018, 63, 986-995.	2.4	76
44	Fast processing of diel oxygen curves: Estimating stream metabolism with BASE (<scp>BA</scp>yesian) Tj ETQq0 0 0 rgBT /Overlock 10 103-114.	2.0	75
45	Forest structure, habitat and carbon benefits from thinning floodplain forests: Managing early stand density makes a difference. Forest Ecology and Management, 2010, 259, 286-293.	3.2	73
46	Allocating surveillance effort in the management of invasive species: A spatially-explicit model. Environmental Modelling and Software, 2010, 25, 444-454.	4.5	69
47	The influences of climatic variation and vegetation on stream biota: lessons from the <scp>B</scp>ig <scp>D</scp>ry in southeastern <scp>A</scp>ustralia. Global Change Biology, 2012, 18, 1582-1596.	9.5	68
48	Relative influences of patch, landscape and historical factors on birds in an Australian fragmented landscape. Journal of Biogeography, 2002, 29, 395-410.	3.0	67
49	The conservation value of mesic gullies in dry forest landscapes: mammal populations in the boxâ€“ironbark ecosystem of southern Australia. Biological Conservation, 2000, 93, 281-291.	4.1	64
50	Nestedness analysis and conservation planning: the importance of place, environment, and life history across taxonomic groups. Oecologia, 2002, 133, 78-89.	2.0	63
51	Species- and sex-specific connectivity effects of habitat fragmentation in a suite of woodland birds. Ecology, 2014, 95, 1556-1568.	3.2	63
52	Is environmental legislation conserving tropical stream faunas? A largeâ€scale assessment of local, riparian and catchmentâ€scale influences on Amazonian fish. Journal of Applied Ecology, 2018, 55, 1312-1326.	4.0	62
53	Native bird breeding in a chronosequence of revegetated sites. Oecologia, 2009, 159, 435-446.	2.0	60
54	Synergies between climate anomalies and hydrological modifications facilitate estuarine biotic invasions. Ecology Letters, 2011, 14, 749-757.	6.4	60

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55	Temporal variation in bird assemblages: How representative is a one-year snapshot?. Austral Ecology, 2005, 30, 383-394.	1.5	59
56	Immediate and longer-term effects of managed flooding on floodplain invertebrate assemblages in south-eastern Australia: generation and maintenance of a mosaic landscape. Freshwater Biology, 2005, 50, 1190-1205.	2.4	58
57	Predicting Bird Species Distributions in Reconstructed Landscapes. Conservation Biology, 2007, 21, 752-766.	4.7	57
58	Reforestation with native mixedâ€species plantings in a temperate continental climate effectively sequesters and stabilizes carbon within decades. Global Change Biology, 2015, 21, 1552-1566.	9.5	57
59	Song Energetics of the Bladder Cicada, Cystosoma Saundersii. Journal of Experimental Biology, 1981, 90, 185-196.	1.7	57
60	The conservation value of mesic gullies in dry forest landscapes: avian assemblages in the boxâ€“ironbark ecosystem of southern Australia. Biological Conservation, 2000, 93, 293-302.	4.1	55
61	Use of the Abundance Spectrum and Relativeâ€Abundance Distributions to Analyze Assemblage Change in Massively Altered Landscapes. American Naturalist, 2007, 170, 319-330.	2.1	54
62	Do terrestrial invertebrates experience floodplains as landscape mosaics? Immediate and longer-term effects of flooding on ant assemblages in a floodplain forest. Oecologia, 2007, 152, 227-238.	2.0	54
63	Predicting Landscape-Genetic Consequences of Habitat Loss, Fragmentation and Mobility for Multiple Species of Woodland Birds. PLoS ONE, 2012, 7, e30888.	2.5	54
64	Landscape-scale conservation of an endangered migrant:the Swift Parrot (Lathamus discolor) in its winter range. Biological Conservation, 2000, 92, 335-343.	4.1	52
65	Effects of an Alien Ant Invasion on Abundance, Behavior, and Reproductive Success of Endemic Island Birds. Conservation Biology, 2008, 22, 1165-1176.	4.7	52
66	Groundwater change forecasts widespread forest dieback across an extensive floodplain system. Freshwater Biology, 2011, 56, 1494-1508.	2.4	50
67	Quantitative assessment of stand condition and its relationship to physiological stress in stands of Eucalyptus camaldulensis (Myrtaceae). Australian Journal of Botany, 2007, 55, 692.	0.6	49
68	EXPERIMENTAL EVIDENCE FOR POTENTIAL BENEFICIAL EFFECTS OF FALLEN TIMBER IN FORESTS. , 2002, 12, 1588-1594.		47
69	Resistance and resilience of terrestrial birds in drying climates: do floodplains provide drought refugia?. Global Ecology and Biogeography, 2015, 24, 838-848.	5.8	44
70	Validation Tests of Predictive Models of Butterfly Occurrence Based on Environmental Variables. Conservation Biology, 2003, 17, 806-817.	4.7	43
71	Impacts of massive landscape change on a carnivorous marsupial in southâ€eastern Australia: inferences from landscape genetics analysis. Journal of Applied Ecology, 2008, 45, 1732-1741.	4.0	43
72	RESOURCE AVAILABILITY CONTROLS BIRD-ASSEMBLAGE COMPOSITION THROUGH INTERSPECIFIC AGGRESSION. Auk, 2005, 122, 1097.	1.4	42

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73	BIODIVERSITY RESEARCH: Conserving macroinvertebrate diversity in headwater streams: the importance of knowing the relative contributions of Î± and Î² diversity. Diversity and Distributions, 2010, 16, 725-736.	4.1	42
74	Resource Availability Controls Bird-Assemblage Composition Through Interspecific Aggression. Auk, 2005, 122, 1097-1111.	1.4	41
75	Secondary Invasions: Implications of Riparian Restoration for Inâ€Stream Invasion by an Aquatic Grass. Restoration Ecology, 2009, 17, 378-385.	2.9	41
76	Evaluating where and how habitat restoration is undertaken for animals. Restoration Ecology, 2019, 27, 775-781.	2.9	40
77	Modelling butterfly species richness using mesoscale environmental variables: model construction and validation for mountain ranges in the Great Basin of western North America. Biological Conservation, 2003, 110, 21-31.	4.1	39
78	Identifying performance indicators of the effects of forest management on ground-active arthropod biodiversity using hierarchical partitioning and partial canonical correspondence analysis. Forest Ecology and Management, 2000, 139, 21-40.	3.2	38
79	USING â€œINDICATORâ€•SPECIES TO MODEL SPECIES RICHNESS: MODEL DEVELOPMENT AND PREDICTIONS. , 2002, 12, 79-92.		38
80	Distribution of anuran amphibians in massively altered landscapes in southâ€eastern Australia: effects of climate change in an aridifying region. Global Ecology and Biogeography, 2009, 18, 575-585.	5.8	38
81	Flow permanence affects aquatic macroinvertebrate diversity and community structure in three headwater streams in a forested catchment. Canadian Journal of Fisheries and Aquatic Sciences, 2010, 67, 1649-1657.	1.4	38
82	Resistance and resilience: can the abrupt end of extreme drought reverse avifaunal collapse?. Diversity and Distributions, 2014, 20, 1321-1332.	4.1	38
83	Nitrogen loads explain primary productivity in estuaries at the ecosystem scale. Limnology and Oceanography, 2015, 60, 1751-1762.	3.1	38
84	Topographic Determinants of Faunal Nestedness in Great Basin Butterfly Assemblages: Applications to Conservation Planning. Conservation Biology, 2002, 16, 422-429.	4.7	37
85	Nestedness in fragmented landscapes: birds of the box-ironbark forests of south-eastern Australia. Ecography, 2002, 25, 651-660.	4.5	35
86	Avifaunal disarray: quantifying models of the occurrence and ecological effects of a despotic bird species. Diversity and Distributions, 2015, 21, 451-464.	4.1	35
87	Evaluating simultaneous impacts of three anthropogenic effects on a floodplain-dwelling marsupial Antechinus flavipes. Biological Conservation, 2007, 134, 527-536.	4.1	34
88	Identifying effective waterâ€management strategies in variable climates using population dynamics models. Journal of Applied Ecology, 2013, 50, 691-701.	4.0	34
89	Relationships among non-native plants, diversity of plants and butterflies, and adequacy of spatial sampling. Biological Journal of the Linnean Society, 2005, 85, 157-166.	1.6	33
90	Patterns of spatial autocorrelation of assemblages of birds, floristics, physiognomy, and primary productivity in the central Great Basin, USA. Diversity and Distributions, 2006, 12, 236-243.	4.1	32

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91	The lag dÃ¦mon: Hysteresis in rebuilding landscapes and implications for biodiversity futures. Journal of Environmental Management, 2008, 88, 1202-1211.	7.8	32
92	Invasive ants disrupt frugivory by endemic island birds. Biology Letters, 2010, 6, 85-88.	2.3	32
93	Seeing the woods through the saplings: Using wood density to assess the recovery of humanâ€modified Amazonian forests. Journal of Ecology, 2018, 106, 2190-2203.	4.0	31
94	Do birds of a feather disperse plants together?. Freshwater Biology, 2011, 56, 1390-1402.	2.4	30
95	A scrutiny of the evidence for pressure-induced state shifts in estuarine and nearshore ecosystems. Austral Ecology, 2014, 39, 898-906.	1.5	30
96	Optimal management of a forested catchment providing timber and carbon sequestration benefits: Climate change effects. Global Environmental Change, 2005, 15, 281-292.	7.8	29
97	Bird assemblages of a fragmented agricultural landscape and the relative importance of vegetation structure and landscape pattern. Wildlife Research, 2007, 34, 185.	1.4	29
98	Consensus weightings of evidence for inferring breeding success in broad-scale bird studies. Austral Ecology, 2007, 32, 479-484.	1.5	29
99	Distinguishing past from present gene flow along and across a river: the case of the carnivorous marsupial (Antechinus flavipes) on southern Australian floodplains. Conservation Genetics, 2008, 9, 569-580.	1.5	29
100	Use of guilds for modelling avian responses to vegetation in the Intermountain West (USA). Global Ecology and Biogeography, 2008, 17, 758-769.	5.8	29
101	â€˜Ecologically complex carbonâ€™- linking biodiversity values, carbon storage and habitat structure in some austral temperate forests. Global Ecology and Biogeography, 2011, 20, 260-271.	5.8	29
102	Do frogs bounce, and if so, by how much? Responses to the â€˜Big Wetâ€™ following the â€˜Big Dryâ€™ in southâ€eastern Australia. Global Ecology and Biogeography, 2014, 23, 223-234.	5.8	29
103	Idiosyncratic responses of Amazonian birds to primary forest disturbance. Oecologia, 2016, 180, 903-916.	2.0	29
104	Whatâ€™s next? The release of exotic pets continues virtually unabated 7Âyears after enforcement of new legislation for managing invasive species. Biological Invasions, 2019, 21, 2933-2947.	2.4	29
105	Avian biodiversity monitoring in Australian rangelands. Austral Ecology, 2004, 29, 93-99.	1.5	28
106	The interaction between a drying climate and land use affects forest structure and aboveâ€ground carbon storage. Global Ecology and Biogeography, 2013, 22, 1238-1247.	5.8	28
107	Inducing whole-assemblage change by experimental manipulation of habitat structure. Journal of Animal Ecology, 2007, 76, 643-650.	2.8	26
108	Fragmentation, vegetation change and irruptive competitors affect recruitment of woodland birds. Ecography, 2015, 38, 163-171.	4.5	26

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109	Pre-emptive conservation versus â€œfire-fightingâ€: A decision theoretic approach. Biological Conservation, 2007, 136, 531-540.	4.1	25
110	Interactions among stressors may be weak: Implications for management of freshwater macroinvertebrate communities. Diversity and Distributions, 2018, 24, 939-950.	4.1	25
111	Spatial autocorrelation of assemblages of benthic invertebrates and its relationship to environmental factors in two upland rivers in southeastern Australia. Diversity and Distributions, 2005, 11, 375-386.	4.1	24
112	Bayesian clustering with AutoClass explicitly recognises uncertainties in landscape classification. Ecography, 2007, 30, 526-536.	4.5	24
113	To what are woodland birds responding? Inference on relative importance of inâ€site habitat variables using several ensemble habitat modelling techniques. Ecography, 2011, 34, 946-954.	4.5	24
114	The influence of native replanting on stream ecosystem metabolism in a degraded landscape: can a little vegetation go a long way?. Freshwater Biology, 2013, 58, 2601-2613.	2.4	24
115	Variation in abundance of nectarivorous birds: does a competitive despot interfere with flower tracking?. Journal of Animal Ecology, 2014, 83, 1531-1541.	2.8	24
116	Green Tongues into the Arid Zone: River Floodplains Extend the Distribution of Terrestrial Bird Species. Ecosystems, 2017, 20, 745-756.	3.4	24
117	Identifying priority areas for conservation action in agricultural landscapes. Pacific Conservation Biology, 2004, 10, 106.	1.0	23
118	Are Replanted Floodplain Forests in Southeastern Australia Providing Bird Biodiversity Benefits?. Restoration Ecology, 2010, 18, 85-94.	2.9	23
119	A bust but no boom: responses of floodplain bird assemblages during and after prolonged drought. Journal of Animal Ecology, 2015, 84, 1700-1710.	2.8	23
120	Function regression in ecology and evolution: <scp>FREE</scp>. Methods in Ecology and Evolution, 2015, 6, 17-26.	5.2	23
121	Nitrogen loads influence trophic organization of estuarine fish assemblages. Functional Ecology, 2016, 30, 1723-1733.	3.6	23
122	Measuring the response of animals to contemporary drivers of fragmentationThis review is one of a series dealing with some aspects of the impact of habitat fragmentation on animals and plants. This series is one of several virtual symposia focussing on ecological topics that will be published in the Journal from time to time.. Canadian Journal of Zoology, 2007, 85, 1080-1090.	1.0	22
123	Can the biotic nestedness matrix be used predictively?. Oikos, 2004, 106, 433-444.	2.7	21
124	ORIGINAL ARTICLE: Comparison of predictor sets for species richness and the number of rare species of butterflies and birds. Journal of Biogeography, 2006, 34, 90-101.	3.0	20
125	Forest structure, flooding and grazing predict understorey composition of floodplain forests in southeastern Australia. Forest Ecology and Management, 2012, 286, 148-158.	3.2	20
126	Climateâ€changeâ€driven deterioration of the condition of floodplain forest and the future for the avifauna. Global Ecology and Biogeography, 2014, 23, 191-202.	5.8	20

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127	Interactions between nocturnal turbulent flux, storage and advection at an â€œidealâ€•eucalypt woodland site. Biogeosciences, 2017, 14, 3027-3050.	3.3	20
128	Assessment of ecosystems: A system for rigorous and rapid mapping of floodplain forest condition for Australia's most important river. Land Degradation and Development, 2018, 29, 127-137.	3.9	20
129	Modelling confinement experiments in community ecology: differential mobility among competitors. Ecological Modelling, 2000, 129, 65-85.	2.5	19
130	The avifaunas of some fragmented, periurban, coastal woodlands in south-eastern Australia. Landscape and Urban Planning, 2005, 72, 297-312.	7.5	19
131	Optimal management of a flammable multi-stand forest for timber production and maintenance of nesting sites for wildlife. Forest Ecology and Management, 2008, 255, 3857-3865.	3.2	19
132	Humanâ€•induced biotic invasions and changes in plankton interaction networks. Journal of Applied Ecology, 2014, 51, 1066-1074.	4.0	19
133	Open access solutions for biodiversity journals: Do not replace one problem with another. Diversity and Distributions, 2019, 25, 5-8.	4.1	19
134	Influence of the temporal resolution of data on the success of indicator species models of species richness across multiple taxonomic groups. Biological Conservation, 2005, 124, 503-518.	4.1	18
135	Longer-term responses of a floodplain-dwelling marsupial to experimental manipulation of fallen timber loads. Basic and Applied Ecology, 2008, 9, 458-465.	2.7	18
136	Building a Regionally Connected Reserve Network in a Changing and Uncertain World. Conservation Biology, 2010, 24, 691-700.	4.7	18
137	Effect of Native Vegetation Loss on Stream Ecosystem Processes: Dissolved Organic Matter Composition and Export in Agricultural Landscapes. Ecosystems, 2014, 17, 82-95.	3.4	18
138	A commentary on 'Long-term ecological trends of flow-dependent ecosystems in a major regulated river basin', by Matthew J. Colloff, Peter Caley, Neil Saintilan, Carmel A. Pollino and Neville D. Crossman. Marine and Freshwater Research, 2015, 66, 970.	1.3	18
139	How sensitive are invertebrates to riparian-zone replanting in stream ecosystems?. Marine and Freshwater Research, 2016, 67, 1500.	1.3	18
140	Harnessing knowledge of animal behavior to improve habitat restoration outcomes. Ecosphere, 2020, 11, e03104.	2.2	18
141	Proportionate spatial sampling and equal-time sampling of mobile animals: A dilemma for inferring areal dependence. Austral Ecology, 2002, 27, 405-415.	1.5	17
142	The Landscape Context of Flooding in the Murrayâ€“Darling Basin. Advances in Ecological Research, 2006, 39, 85-105.	2.7	17
143	Foraging guild perturbations and ecological homogenization driven by a despotic native bird species. Ibis, 2014, 156, 341-354.	1.9	17
144	Geometry of Large Woodland Remnants and its Influence on Avifaunal Distributions. Landscape Ecology, 2005, 20, 401-416.	4.2	16

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145	Longer-term response to experimental manipulation of fallen timber on forest floors of floodplain forest in south-eastern Australia. Forest Ecology and Management, 2006, 229, 155-160.	3.2	16
146	Is there an ecological basis for species abundance distributions?. Oecologia, 2013, 171, 517-525.	2.0	16
147	Climate drying amplifies the effects of land-use change and interspecific interactions on birds. Landscape Ecology, 2015, 30, 2031-2043.	4.2	16
148	Anuran responses to pressures from high-amplitude droughtâ€“floodâ€“drought sequences under climate change. Climatic Change, 2017, 141, 243-257.	3.6	16
149	Spatial Scale of Autocorrelation of Assemblages of Benthic Invertebrates in Two Upland Rivers in South-Eastern Australia and Its Implications for Biomonitoring and Impact Assessment in Streams. Environmental Monitoring and Assessment, 2006, 115, 69-85.	2.7	15
150	Genetic reconstruction of the population dynamics of a carnivorous marsupial (Antechinus flavipes) in response to floods. Molecular Ecology, 2007, 16, 2934-2947.	3.9	15
151	Thermodynamic extremization principles and their relevance to ecology. Austral Ecology, 2014, 39, 619-632.	1.5	15
152	Responses of a Carnivorous Marsupial (Antechinus flavipes) to Local Habitat Factors in Two Forest Types. Journal of Mammalogy, 2008, 89, 398-407.	1.3	14
153	Multiple scale analysis of factors influencing the distribution of an invasive aquatic grass. Biological Invasions, 2009, 11, 1903-1912.	2.4	14
154	Geometry of biodiversity patterning: assemblages of benthic macroinvertebrates at tributary confluences. Aquatic Ecology, 2011, 45, 43-54.	1.5	14
155	The hegemony of the â€˜despotsâ€™: the control of avifaunas over vast continental areas. Diversity and Distributions, 2014, 20, 1071-1083.	4.1	14
156	Environmental correlates of food-chain length, mean trophic level and trophic level variance in invaded riverine fish assemblages. Science of the Total Environment, 2018, 644, 420-429.	8.0	14
157	Beyond refuges: Identifying temporally dynamic havens to support ecological resistance and resilience to climatic disturbances. Biological Conservation, 2019, 233, 131-138.	4.1	14
158	Differential macrohabitat use by birds on the unregulated Ovens River floodplain of southeastern Australia. River Research and Applications, 2002, 18, 495-506.	1.7	13
159	Distinguishing between signal and noise in faunal responses to environmental change. Global Ecology and Biogeography, 2003, 12, 395-402.	5.8	13
160	The presence of non-native species is not associated with native fish sensitivity to water pollution in greatly hydrologically altered rivers. Science of the Total Environment, 2017, 607-608, 549-557.	8.0	13
161	Influence of Temporal Scale of Sampling on Detection of Relationships between Invasive Plants and the Diversity Patterns of Plants and Butterflies. Conservation Biology, 2004, 18, 1525-1532.	4.7	12
162	Optimal management of a flammable forest providing timber and carbon sequestration benefits: an Australian case study*. Australian Journal of Agricultural and Resource Economics, 2005, 49, 303-320.	2.6	12

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163	Dynamic reserve design with the union-find algorithm. Ecological Modelling, 2008, 215, 369-376.	2.5	11
164	Recruitment of a keystone tree species must concurrently manage flooding and browsing. Journal of Applied Ecology, 2016, 53, 944-952.	4.0	11
165	Can SPEcies At Risk of pesticides (SPEAR) indices detect effects of target stressors among multiple interacting stressors?. Science of the Total Environment, 2021, 763, 142997.	8.0	11
166	Comparative Influence of Forest Management and Habitat Structural Factors on the Abundances of Hollow-Nesting Bird Species in Subtropical Australian Eucalypt Forest. Environmental Management, 2002, 30, 547-559.	2.7	10
167	Does fallen timber on floodplains influence distributions of nutrients, plants and seeds?. Plant Ecology, 2005, 177, 165-176.	1.6	10
168	BIODIVERSITY RESEARCH: Diversity and distribution of macroinvertebrates in lentic habitats in massively altered landscapes in southâ€eastern Australia. Diversity and Distributions, 2010, 16, 713-724.	4.1	10
169	Ecological Resistance â€“ Why Mechanisms Matter: A Reply to Sundstrom et al.. Trends in Ecology and Evolution, 2016, 31, 413-414.	8.7	10
170	Phenotype and gene flow in a marsupial (Antechinus flavipes) in contrasting habitats. Biological Journal of the Linnean Society, 2008, 94, 303-314.	1.6	9
171	The control of rank-abundance distributions by a competitive despotic species. Oecologia, 2014, 176, 849-857.	2.0	9
172	How Might Cross-System Subsidies in Riverine Networks be Affected by Altered Flow Variability?. Ecosystems, 2015, 18, 1151-1164.	3.4	9
173	Balancing generality and specificity in ecological gradient analysis with species abundance distributions and individual size distributions. Global Ecology and Biogeography, 2017, 26, 318-332.	5.8	9
174	Water-quality impacts in semi-arid regions: can natural â€˜green filtersâ€™ mitigate adverse effects on fish assemblages?. Water Research, 2018, 144, 628-641.	11.3	9
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