Martine Maron

List of Publications by Year
in descending order

157 papers	7,486 citations	47 h-index	78 g-index
		47006	66911
166 all docs	166 docs citations	166 times ranked	7969 citing authors

#	Article	IF	Citations
1	Area-based conservation in the twenty-first century. Nature, 2020, 586, 217-227.	27.8	438
2	Land in balance: The scientific conceptual framework for Land Degradation Neutrality. Environmental Science and Policy, 2018, 79, 25-35.	4.9	403
3	Faustian bargains? Restoration realities in the context of biodiversity offset policies. Biological Conservation, 2012, 155, 141-148.	4.1	394
4	Reframing landscape fragmentation's effects on ecosystem services. Trends in Ecology and Evolution, 2015, 30, 190-198.	8.7	354
5	Set ambitious goals for biodiversity and sustainability. Science, 2020, 370, 411-413.	12.6	225
6	Impact of 2019â€“2020 mega-fires on Australian fauna habitat. Nature Ecology and Evolution, 2020, 4, 1321-1326.	7.8	209
7	Taming a Wicked Problem: Resolving Controversies in Biodiversity Offsetting. BioScience, 2016, 66, 489-498.	4.9	171
8	Conservation implications of ecological responses to extreme weather and climate events. Diversity and Distributions, 2019, 25, 613-625.	4.1	156
9	Bolder science needed now for protected areas. Conservation Biology, 2016, 30, 243-248.	4.7	149
10	Do arthropod assemblages display globally consistent responses to intensified agricultural land use and management?. Global Ecology and Biogeography, 2008, 17, 585-599.	5.8	148
11	The many meanings of no net loss in environmental policy. Nature Sustainability, 2018, 1, 19-27.	23.7	146
12	Integrating landscape ecology and conservation physiology. Landscape Ecology, 2012, 27, 1-12.	4.2	127
13	Integrating plantâ€•and animalâ€based perspectives for more effective restoration of biodiversity. Frontiers in Ecology and the Environment, 2016, 14, 37-45.	4.0	126
14	FORUM: Perverse incentives risk undermining biodiversity offset policies. Journal of Applied Ecology, 2015, 52, 532-537.	4.0	115
15	Locking in loss: Baselines of decline in Australian biodiversity offset policies. Biological Conservation, 2015, 192, 504-512.	4.1	111
16	Cascading effects of climate extremes on vertebrate fauna through changes to lowâ€latitude tree flowering and fruiting phenology. Global Change Biology, 2015, 21, 3267-3277.	9.5	108
17	Conservation: Stop misuse of biodiversity offsets. Nature, 2015, 523, 401-403.	27.8	106
18	The anatomy of a failed offset. Biological Conservation, 2017, 210, 286-292.	4.1	96

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19	Avifaunal disarray due to a single despotic species. Diversity and Distributions, 2013, 19, 1468-1479.	4.1	91
20	The minimum land area requiring conservation attention to safeguard biodiversity. Science, 2022, 376, 1094-1101.	12.6	85
21	Towards a Threat Assessment Framework for Ecosystem Services. Trends in Ecology and Evolution, 2017, 32, 240-248.	8.7	79
22	Ecological consequences of land clearing and policy reform in Queensland. Pacific Conservation Biology, 2017, 23, 219.	1.0	77
23	Despotic, highâ€impact species and the subcontinental scale control of avian assemblage structure. Ecology, 2012, 93, 668-678.	3.2	76
24	Seeking convergence on the key concepts in â€˜no net lossâ€™ policy. Journal of Applied Ecology, 2016, 53, 1686-1693.	4.0	75
25	Bold nature retention targets are essential for the global environment agenda. Nature Ecology and Evolution, 2018, 2, 1194-1195.	7.8	73
26	The threats to Australiaâ€™s imperilled species and implications for a national conservation response. Pacific Conservation Biology, 2019, 25, 231.	1.0	72
27	Scientific foundations for an ecosystem goal, milestones and indicators for the post-2020 global biodiversity framework. Nature Ecology and Evolution, 2021, 5, 1338-1349.	7.8	70
28	Spending to save: What will it cost to halt Australia's extinction crisis?. Conservation Letters, 2019, 12, e12682.	5.7	69
29	Current practices in the identification of critical habitat for threatened species. Conservation Biology, 2015, 29, 482-492.	4.7	68
30	Climateâ€induced resource bottlenecks exacerbate species vulnerability: a review. Diversity and Distributions, 2015, 21, 731-743.	4.1	65
31	Four steps for the Earth: mainstreaming the post-2020 global biodiversity framework. One Earth, 2021, 4, 75-87.	6.8	65
32	Agricultural intensification and loss of matrix habitat over 23 years in the West Wimmera, south-eastern Australia. Biological Conservation, 2007, 135, 587-593.	4.1	63
33	Can offsets really compensate for habitat removal? The case of the endangered red-tailed black-cockatoo. Journal of Applied Ecology, 2010, 47, 348-355.	4.0	61
34	Threshold effect of eucalypt density on an aggressive avian competitor. Biological Conservation, 2007, 136, 100-107.	4.1	60
35	Emerging evidence that armed conflict and coca cultivation influence deforestation patterns. Biological Conservation, 2019, 239, 108176.	4.1	60
36	Temporal variation in bird assemblages: How representative is a one-year snapshot?. Austral Ecology, 2005, 30, 383-394.	1.5	59

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37	The influence of livestock grazing and weed invasion on habitat use by birds in grassy woodland remnants. Biological Conservation, 2005, 124, 439-450.	4.1	59
38	Bayesian Networks and Adaptive Management of Wildlife Habitat. Conservation Biology, 2010, 24, 974-983.	4.7	57
39	Need for conservation planning in postconflict Colombia. Conservation Biology, 2017, 31, 499-500.	4.7	56
40	Local conditions and policy design determine whether ecological compensation can achieve No Net Loss goals. Nature Communications, 2020, 11, 2072.	12.8	56
41	Calculating the benefit of conservation actions. Conservation Letters, 2013, 6, 359-367.	5.7	54
42	A Loss-Gain Calculator for Biodiversity Offsets and the Circumstances in Which No Net Loss Is Feasible. Conservation Letters, 2016, 9, 252-259.	5.7	53
43	Interspecific competition and small bird diversity in an urbanizing landscape. Landscape and Urban Planning, 2009, 92, 72-79.	7.5	52
44	Net positive outcomes for nature. Nature Ecology and Evolution, 2020, 4, 4-7.	7.8	52
45	How humans drive speciation as well as extinction. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160600.	2.6	51
46	Global no net loss of natural ecosystems. Nature Ecology and Evolution, 2020, 4, 46-49.	7.8	51
47	Ecosystem services at risk: integrating spatiotemporal dynamics of supply and demand to promote long-term provision. One Earth, 2020, 3, 704-713.	6.8	51
48	Moving from biodiversity offsets to a targetâ€based approach for ecological compensation. Conservation Letters, 2020, 13, e12695.	5.7	51
49	Breaking the deadlock on ivory. Science, 2017, 358, 1378-1381.	12.6	50
50	Impacts of grazing, selective logging and hyperâ€aggressors on diurnal bird fauna in intact forest landscapes of the Brigalow Belt, Queensland. Austral Ecology, 2009, 34, 705-716.	1.5	48
51	The mismeasure of conservation. Trends in Ecology and Evolution, 2021, 36, 808-821.	8.7	47
52	Roads, fire and aggressive competitors: Determinants of bird distribution in subtropical production forests. Forest Ecology and Management, 2007, 240, 24-31.	3.2	44
53	The development of the Australian environmental offsets policy: from theory to practice. Environmental Conservation, 2015, 42, 306-314.	1.3	44
54	Relative influence of habitat modification and interspecific competition on woodland bird assemblages in eastern Australia. Emu, 2011, 111, 40-51.	0.6	43

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55	Bioacoustic monitoring of animal vocal behavior for conservation. Conservation Science and Practice, 2019, 1, e72.	2.0	42
56	Best-practice biodiversity safeguards for Belt and Road Initiativeâ€™s financiers. Nature Sustainability, 2020, 3, 650-657.	23.7	40
57	Effects of spatial autocorrelation and sampling design on estimates of protected area effectiveness. Conservation Biology, 2020, 34, 1452-1462.	4.7	40
58	Influence of Interspecific Competition and Landscape Structure on Spatial Homogenization of Avian Assemblages. PLoS ONE, 2013, 8, e65299.	2.5	40
59	Declining birds in Australian agricultural landscapes may benefit from aspects of the European agri-environment model. Biological Conservation, 2009, 142, 1981-1991.	4.1	39
60	The hidden biodiversity risks of increasing flexibility in biodiversity offset trades. Biological Conservation, 2020, 252, 108861.	4.1	39
61	A disaggregated biodiversity offset accounting model to improve estimation of ecological equivalency and no net loss. Biological Conservation, 2016, 204, 322-332.	4.1	36
62	Biodiversity offsets may miss opportunities to mitigate impacts on ecosystem services. Frontiers in Ecology and the Environment, 2018, 16, 143-148.	4.0	36
63	Restoration to offset the impacts of developments at a landscape scale reveals opportunities, challenges and tough choices. Global Environmental Change, 2018, 52, 152-161.	7.8	36
64	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
65	MANAGING TRADE-OFFS IN LANDSCAPE RESTORATION AND REVEGETATION PROJECTS. , 2008, 18, 2041-2049.		34
66	Spurious thresholds in the relationship between species richness and vegetation cover. Global Ecology and Biogeography, 2012, 21, 682-692.	5.8	32
67	Identification of fine scale and landscape scale drivers of urban aboveground carbon stocks using high-resolution modeling and mapping. Science of the Total Environment, 2018, 622-623, 57-70.	8.0	32
68	Can a problem-solving approach strengthen landscape ecologyâ€™s contribution to sustainable landscape planning?. Landscape Ecology, 2010, 25, 1155-1168.	4.2	31
69	Biogeographical and Taxonomic Biases in Tropical Forest Fragmentation Research. Conservation Biology, 2014, 28, 1522-1531.	4.7	31
70	Metrics of progress in the understanding and management of threats to Australian birds. Conservation Biology, 2019, 33, 456-468.	4.7	31
71	Nesting, foraging and aggression of Noisy Miners relative to road edges in an extensive Queensland forest. Emu, 2009, 109, 75-81.	0.6	29
72	Influence of landscape structure on invasive predators: feral cats and red foxes in the brigalow landscapes, Queensland, Australia. Wildlife Research, 2012, 39, 661.	1.4	29

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73	Consequences of impediments to animal movements at different scales: A conceptual framework and review. Diversity and Distributions, 2018, 24, 448-459.	4.1	29
74	Interspecific competition and conservation management of continuous subtropical woodlands. Wildlife Research, 2009, 36, 617.	1.4	28
75	Mining matrix effects on West African rainforest birds. Biological Conservation, 2014, 169, 334-343.	4.1	28
76	Interactions Between Biodiversity Offsets and Protected Area Commitments: Avoiding Perverse Outcomes. Conservation Letters, 2016, 9, 384-389.	5.7	28
77	Defending the scientific integrity of conservationâ€policy processes. Conservation Biology, 2017, 31, 967-975.	4.7	28
78	Linking science and practice in ecological research and management: How can we do it better?. Ecological Management and Restoration, 2011, 12, 54-60.	1.5	27
79	Biodiversity offsetting in dynamic landscapes: Influence of regulatory context and counterfactual assumptions on achievement of no net loss. Biological Conservation, 2017, 206, 314-319.	4.1	27
80	How to send a finch extinct. Environmental Science and Policy, 2019, 94, 163-173.	4.9	26
81	Agricultural change and paddock tree loss: Implications for an endangered subspecies of Red-tailed Black-Cockatoo. Ecological Management and Restoration, 2005, 6, 206-211.	1.5	25
82	Regrowth woodlands are valuable habitat for reptile communities. Biological Conservation, 2013, 165, 95-103.	4.1	25
83	Striking underrepresentation of biodiversity-rich regions among editors of conservation journals. Biological Conservation, 2018, 220, 330-333.	4.1	24
84	Talk is cheap: Nations must act now to achieve long-term ambitions for biodiversity. One Earth, 2021, 4, 897-900.	6.8	24
85	Distribution and individual condition reveal a hierarchy of habitat suitability for an area-sensitive passerine. Biodiversity and Conservation, 2012, 21, 2509-2523.	2.6	23
86	Long term thinning and logging in Australian cypress pine forest: Changes in habitat attributes and response of fauna. Biological Conservation, 2015, 186, 83-96.	4.1	23
87	Assessing the effectiveness of regulation to protect threatened forests. Biological Conservation, 2017, 216, 33-42.	4.1	23
88	Connecting governance interventions to ecosystem services provision: A socialâ€ecological network approach. People and Nature, 2021, 3, 266-280.	3.7	23
89	Setting robust biodiversity goals. Conservation Letters, 2021, 14, e12816.	5.7	23
90	Shortâ€term response of a declining woodland bird assemblage to the removal of a despotic competitor. Ecology and Evolution, 2018, 8, 4771-4780.	1.9	22

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91	Achieving private conservation targets in Brazil through restoration and compensation schemes without impairing productive lands. Environmental Science and Policy, 2021, 120, 1-10.	4.9	22
92	Can the biotic nestedness matrix be used predictively?. Oikos, 2004, 106, 433-444.	2.7	21
93	Does the response of bird assemblages to fire mosaic properties vary among spatial scales and foraging guilds?. Landscape Ecology, 2016, 31, 687-699.	4.2	21
94	Consequences of information suppression in ecological and conservation sciences. Conservation Letters, 2021, 14, e12757.	5.7	21
95	Quantifying habitat losses and gains made by U.S. Species Conservation Banks to improve compensation policies and avoid perverse outcomes. Conservation Letters, 2019, 12, e12629.	5.7	20
96	Deforestation and bird habitat loss in Colombia. Biological Conservation, 2021, 257, 109044.	4.1	20
97	Bird conservation values of off-reserve forests in lowland Nepal. Forest Ecology and Management, 2014, 323, 28-38.	3.2	19
98	Landscape structure influences urban vegetation vertical structure. Journal of Applied Ecology, 2016, 53, 1477-1488.	4.0	19
99	The Risks and Opportunities of Translating Terrestrial Biodiversity Offsets to the Marine Realm. BioScience, 2018, 68, 125-133.	4.9	19
100	Corrigendum to: The threats to Australiaâ€™s imperilled species and implications for a national conservation response. Pacific Conservation Biology, 2019, 25, 328.	1.0	19
101	Foraging guild perturbations and ecological homogenization driven by a despotic native bird species. Ibis, 2014, 156, 341-354.	1.9	17
102	A quantitative framework for evaluating the impact of biodiversity offset policies. Biological Conservation, 2018, 224, 162-169.	4.1	16
103	Testing the relevance of binary, mosaic and continuous landscape conceptualisations to reptiles in regenerating dryland landscapes. Landscape Ecology, 2015, 30, 715-728.	4.2	15
104	Reach and messages of the world's largest ivory burn. Conservation Biology, 2018, 32, 765-773.	4.7	15
105	Offsetting impacts of development on biodiversity and ecosystem services. Ambio, 2020, 49, 892-902.	5.5	15
106	Landscapeâ€specific thresholds in the relationship between species richness and natural land cover. Journal of Applied Ecology, 2019, 56, 1019-1029.	4.0	14
107	A composite measure of habitat loss for entire assemblages of species. Conservation Biology, 2019, 33, 1438-1447.	4.7	13
108	The influence of a variable fire regime on woodland structure and composition. International Journal of Wildland Fire, 2015, 24, 59.	2.4	12

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109	Non-random patterns of vegetation clearing and potential biases in studies of habitat area effects. Landscape Ecology, 2017, 32, 729-743.	4.2	12
110	Quantifying the â€œavoidedâ€•biodiversity impacts associated with economic development. Frontiers in Ecology and the Environment, 2022, 20, 370-378.	4.0	12
111	Matrix Intensification Affects Body and Physiological Condition of Tropical Forest-Dependent Passerines. PLoS ONE, 2015, 10, e0128521.	2.5	11
112	Reptile abundance, but not species richness, increases with regrowth age and spatial extent in fragmented agricultural landscapes of eastern Australia. Biological Conservation, 2015, 184, 174-181.	4.1	11
113	Impacts of extractive forest uses on bird assemblages vary with landscape context in lowland Nepal. Biological Conservation, 2015, 186, 167-175.	4.1	11
114	Need for conservation planning in postconflict Colombia. Conservation Biology, 2017, 31, 499.	4.7	11
115	Systematic definition of threatened fauna communities is critical to their conservation. Diversity and Distributions, 2019, 25, 462-477.	4.1	11
116	Detecting early warnings of pressure on an African lion (Panthera leo) population in the Queen Elizabeth Conservation Area, Uganda. Ecological Solutions and Evidence, 2020, 1, e12015.	2.0	11
117	Matrix Intensification Alters Avian Functional Group Composition in Adjacent Rainforest Fragments. PLoS ONE, 2013, 8, e74852.	2.5	11
118	Evidence for increasing humanâ€wildlife conflict despite a financial compensation scheme on the edge of a Ugandan National Park. Conservation Science and Practice, 2020, 2, e309.	2.0	10
119	Improving averted loss estimates for better biodiversity outcomes from offset exchanges. Oryx, 2021, 55, 393-403.	1.0	10
120	The control of rank-abundance distributions by a competitive despotic species. Oecologia, 2014, 176, 849-857.	2.0	9
121	The relative importance of habitat quality and landscape context for reptiles in regenerating landscapes. Biological Conservation, 2016, 193, 37-47.	4.1	9
122	Vulnerable species and ecosystems are falling through the cracks of environmental impact assessments. Conservation Letters, 2020, 13, e12694.	5.7	9
123	Creating past habitat maps to quantify local extirpation of Australian threatened birds. Environmental Research Letters, 2022, 17, 024032.	5.2	8
124	Aligning ecological compensation policies with the Postâ€2020 Global Biodiversity Framework to achieve real net gain in biodiversity. Conservation Science and Practice, 2022, 4, .	2.0	8
125	Discrimination among potential buloke (Allocasuarina leuhmannii) feeding trees by the endangered south-eastern red-tailed black-cockatoo (Calyptorhynchus banksii graptogyne). Wildlife Research, 2004, 31, 311.	1.4	7
126	Intraspecific variation in detection of bird-habitat relationships: declining birds in southern Australian woodlands. Pacific Conservation Biology, 2006, 12, 301.	1.0	7

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127	MODIS time series as a tool for monitoring fires and their effects on savanna bird diversity. International Journal of Wildland Fire, 2012, 21, 680.	2.4	7
128	Incidence of competitors and landscape structure as predictors of woodland-dependent birds. Landscape Ecology, 2013, 28, 1975-1987.	4.2	7
129	An ecological paradox: More woodland predators and less artificial nest predation in landscapes colonized by noisy miners. Austral Ecology, 2014, 39, 255-266.	1.5	7
130	Using individualâ€condition measures to predict the longâ€term importance of habitat extent for population persistence. Conservation Biology, 2017, 31, 1141-1151.	4.7	7
131	Does it matter why we do restoration? Volunteers, offset markets and the need for full disclosure. Ecological Management and Restoration, 2018, 19, 73-78.	1.5	7
132	Landscape Fragmentation and Ecosystem Services: A Reply to Andrieu et al.. Trends in Ecology and Evolution, 2015, 30, 634-635.	8.7	6
133	Cost shifting and other perverse incentives in biodiversity offsetting in India. Conservation Biology, 2018, 32, 782-788.	4.7	6
134	Grassy patch size and structure are important for northern Eastern Bristlebird persistence in a dynamic ecosystem. Emu, 2018, 118, 269-280.	0.6	6
135	Science censorship is a global issue. Nature, 2017, 542, 165-165.	27.8	5
136	Estimating species response to management using an integrated process: A case study from New South Wales, Australia. Conservation Science and Practice, 2020, 2, e269.	2.0	5
137	Evaluating the evidence of culling a native species for conservation benefits. Conservation Science and Practice, 2021, 3, e549.	2.0	5
138	Reduced fire frequency over three decades hastens loss of the grassy forest habitat of an endangered songbird. Biological Conservation, 2022, 270, 109570.	4.1	5
139	Fledge or fail: Nest monitoring of endangered black-cockatoos using bioacoustics and open-source call recognition. Ecological Informatics, 2022, 69, 101656.	5.2	5
140	Using a Bayesian network model to assess ecological responses to hydrological factor interactions. Ecohydrology, 2016, 9, 11-20.	2.4	4
141	Vocal signals of ontogeny and fledging in nestling black-cockatoos: Implications for monitoring. Bioacoustics, 2022, 31, 379-396.	1.7	4
142	Private reserves suffer from the same location biases of public protected areas. Biological Conservation, 2021, 261, 109283.	4.1	4
143	Protecting India's conservation offsets. Science, 2016, 353, 758-758.	12.6	3
144	Patterns of invertebrate food availability and the persistence of an avian insectivore on the brink. Austral Ecology, 2019, 44, 680-690.	1.5	3

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145	The consequences of coastal offsets for fisheries. Journal of Applied Ecology, 2022, 59, 1157-1167.	4.0	3
146	Effect of proximity of buloke (Allocasuarina luehmannii) trees on buloke early sapling survival in a semiarid environment. Australian Journal of Botany, 2013, 61, 302.	0.6	2
147	Nestâ€associated vocal behaviours of the southâ€eastern redâ€tailed black cockatoo, Calyptorhynchus banksii graptogyne, and the Kangaroo Island glossy black cockatoo, C.Âlathami halmaturinus. Austral Ecology, 2020, 45, 990-1006.	1.5	2
148	Widespread use of artificial habitats by shorebirds in Australia. Emu, 2021, 121, 187-197.	0.6	2
149	Spatial variation in the importance of different prey types in the diet of red foxes. Australian Zoologist, 2017, 38, 610-628.	1.1	2
150	Carla P. Catterall. Emu, 2010, 110, 185-185.	0.6	0
151	Fanning the flames of Australian wildfires. Nature, 2016, 531, 580-580.	27.8	0
152	Australia needs a wake-up call. Science, 2017, 355, 918-918.	12.6	0
153	Responseâ€”Ivory crisis. Science, 2018, 360, 277-278.	12.6	0
154	Professor Ralph Mac Nally. Emu, 2020, 120, 274-274.	0.6	0
155	Is â€œno net loss of biodiversityâ€•a good idea?. , 2017, , .		0
156	Use of citizen science datasets to test effects of grazing exclusion and replanting on Australian woodland birds. Restoration Ecology, 2022, 30, e13610.	2.9	0
157	A step change needed to secure a nature-positive futureâ€”Is it in reach?. One Earth, 2022, 5, 589-592.	6.8	0