

Lenore Fahrig

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

226
papers

27,358
citations

76
h-index

164
g-index

233
ext. papers

30,971
ext. citations

4.7
avg, IF

7.87
L-index

#	Paper	IF	Citations
226	Management diversity begets biodiversity in production forest landscapes. <i>Biological Conservation</i> , 2022 , 268, 109514	6.2	1
225	The Importance of Small Rainforest Patches for Biodiversity Conservation: A Multi-taxonomic Assessment. <i>Topics in Biodiversity and Conservation</i> , 2022 , 41-60	0.2	3
224	Weak Effects of Owned Outdoor Cat Density on Urban Bird Richness and Abundance. <i>Land</i> , 2021 , 10, 507	3.5	0
223	Bridging research and practice in conservation. <i>Conservation Biology</i> , 2021 , 35, 1725-1737	6	6
222	Mapping the premigration distribution of eastern Monarch butterflies using community science data. <i>Ecology and Evolution</i> , 2021 , 11, 11275-11281	2.8	2
221	Bird Diversity Unconsciously Increases People's Satisfaction with Where They Live. <i>Land</i> , 2021 , 10, 153	3.5	4
220	What the habitat amount hypothesis does and does not predict: A reply to Saura. <i>Journal of Biogeography</i> , 2021 , 48, 1530-1535	4.1	5
219	Preserving 40% forest cover is a valuable and well-supported conservation guideline: reply to Banks-Leite et al. <i>Ecology Letters</i> , 2021 , 24, 1114-1116	10	2
218	How the relationship between vegetation cover and land-cover variance constrains biodiversity in a human dominated world. <i>Landscape Ecology</i> , 2021 , 36, 3097-3104	4.3	1
217	Resolving the SLOSS dilemma for biodiversity conservation: a research agenda. <i>Biological Reviews</i> , 2021 ,	13.5	4
216	Reduced human activity during COVID-19 alters avian land use across North America. <i>Science Advances</i> , 2021 , 7, eabf5073	14.3	5
215	More milkweed in farmlands containing small, annual crop fields and many hedgerows. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 319, 107567	5.7	
214	Avoiding wasted research resources in conservation science. <i>Conservation Science and Practice</i> , 2021 , 3, e329	2.2	8
213	Designing optimal human-modified landscapes for forest biodiversity conservation. <i>Ecology Letters</i> , 2020 , 23, 1404-1420	10	110
212	Configurational crop heterogeneity increases within-field plant diversity. <i>Journal of Applied Ecology</i> , 2020 , 57, 654-663	5.8	24
211	Support for the habitat amount hypothesis from a global synthesis of species density studies. <i>Ecology Letters</i> , 2020 , 23, 674-681	10	67
210	Why do several small patches hold more species than few large patches?. <i>Global Ecology and Biogeography</i> , 2020 , 29, 615-628	6.1	59

209	How to rescue Ontario's Endangered Species Act: a biologist's perspective. <i>Facets</i> , 2020 , 5, 423-431	2.3	5
208	Effects of farmland heterogeneity on biodiversity are similar to or even larger than the effects of farming practices. <i>Agriculture, Ecosystems and Environment</i> , 2020 , 288, 106698	5.7	30
207	Are macroinvertebrate traits reliable indicators of specific agrichemicals?. <i>Ecological Indicators</i> , 2020 , 111, 105965	5.8	6
206	Inference in road ecology research: what we know versus what we think we know. <i>Biology Letters</i> , 2020 , 16, 20200140	3.6	8
205	The influence of landscape context on short- and long-term forest change following a severe ice storm. <i>Journal of Ecology</i> , 2020 , 108, 224-238	6	3
204	The homogenizing influence of agriculture on forest bird communities at landscape scales. <i>Landscape Ecology</i> , 2019 , 34, 2385-2399	4.3	7
203	Abundance of aerially-dispersing spiders declines with increasing road traffic. <i>Ecoscience</i> , 2019 , 26, 383-388	3.8	0
202	Local habitat association does not inform landscape management of threatened birds. <i>Landscape Ecology</i> , 2019 , 34, 1313-1327	4.3	6
201	A global assessment of primate responses to landscape structure. <i>Biological Reviews</i> , 2019 , 94, 1605-1618	13.5	36
200	Wetland buffers are no substitute for landscape-scale conservation. <i>Ecosphere</i> , 2019 , 10, e02661	3.1	2
199	A small-scale response of urban bat activity to tree cover. <i>Urban Ecosystems</i> , 2019 , 22, 795-805	2.8	3
198	The scale of effect of landscape context varies with the species's response variable measured. <i>Landscape Ecology</i> , 2019 , 34, 703-715	4.3	23
197	Increasing crop heterogeneity enhances multitrophic diversity across agricultural regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16442-16447	11.5	157
196	Bats respond negatively to increases in the amount and homogenization of agricultural land cover. <i>Landscape Ecology</i> , 2019 , 34, 1889-1903	4.3	10
195	Life in the slow drain: Landscape structure affects farm ditch water quality. <i>Science of the Total Environment</i> , 2019 , 656, 1157-1167	10.2	7
194	Is habitat fragmentation bad for biodiversity?. <i>Biological Conservation</i> , 2019 , 230, 179-186	6.2	181
193	Habitat fragmentation: A long and tangled tale. <i>Global Ecology and Biogeography</i> , 2019 , 28, 33-41	6.1	56
192	Landscape context is more important than wetland buffers for farmland amphibians. <i>Agriculture, Ecosystems and Environment</i> , 2019 , 269, 97-106	5.7	13

191	New policy directions for global pond conservation. <i>Conservation Letters</i> , 2018 , 11, e12447	6.9	63
190	When to monitor and when to act: Value of information theory for multiple management units and limited budgets. <i>Journal of Applied Ecology</i> , 2018 , 55, 2102-2113	5.8	25
189	Landscape configurational heterogeneity by small-scale agriculture, not crop diversity, maintains pollinators and plant reproduction in western Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	94
188	Higher bat and prey abundance at organic than conventional soybean fields. <i>Biological Conservation</i> , 2018 , 226, 177-185	6.2	9
187	Habitat specialist birds disperse farther and are more migratory than habitat generalist birds. <i>Ecology</i> , 2018 , 99, 2058-2066	4.6	21
186	Farmland heterogeneity benefits bats in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2018 , 253, 131-139	5.7	39
185	Flying insect abundance declines with increasing road traffic. <i>Insect Conservation and Diversity</i> , 2018 , 11, 608-613	3.8	13
184	When road-kill hotspots do not indicate the best sites for road-kill mitigation. <i>Journal of Applied Ecology</i> , 2017 , 54, 1544-1551	5.8	49
183	Relative effects of landscape composition and configuration on multi-habitat gamma diversity in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 241, 62-69	5.7	27
182	Responses of anurans to composition and configuration of agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 239, 399-409	5.7	38
181	Testing the habitat amount hypothesis for South American small mammals. <i>Biological Conservation</i> , 2017 , 209, 304-314	6.2	58
180	Ecological Responses to Habitat Fragmentation Per Se. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017 , 48, 1-23	13.5	43 ¹
179	How to quantify a distance-dependent landscape effect on a biological response. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 1717-1724	7.7	23
178	An experimental test of the habitat-amount hypothesis for saproxylic beetles in a forested region. <i>Ecology</i> , 2017 , 98, 1613-1622	4.6	54
177	The spatial scale of time-lagged population synchrony increases with species dispersal distance. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1201-1210	6.1	9
176	Influence of crop type, heterogeneity and woody structure on avian biodiversity in agricultural landscapes. <i>Ecological Indicators</i> , 2017 , 83, 218-226	5.8	34
175	Habitat Fragmentation 2017 , 1-10		2
174	Does forest fragmentation cause an increase in forest temperature?. <i>Ecological Research</i> , 2017 , 32, 81-88.9		58

173	Homogenization of dispersal ability across bird species in response to landscape change. <i>Oikos</i> , 2017 , 126, 996-1003	4	7
172	Forty years of bias in habitat fragmentation research 2017 ,		3
171	Different Anuran Species Show Different Relationships to Agricultural Intensity. <i>Wetlands</i> , 2016 , 36, 731-744	1.7	16
170	Can anthropogenic linear gaps increase plant abundance and diversity?. <i>Landscape Ecology</i> , 2016 , 31, 721-729	4.3	29
169	What determines the spatial extent of landscape effects on species?. <i>Landscape Ecology</i> , 2016 , 31, 1177-1194	4.3	134
168	Habitat amount, not habitat configuration, best predicts population genetic structure in fragmented landscapes. <i>Landscape Ecology</i> , 2016 , 31, 951-968	4.3	73
167	How Effective Is Road Mitigation at Reducing Road-Kill? A Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0166941	3.7	111
166	Reconciling contradictory relationships between mobility and extinction risk in human-altered landscapes. <i>Functional Ecology</i> , 2016 , 30, 1558-1567	5.6	12
165	Disentangling the effects of wetland cover and urban development on quality of remaining wetlands. <i>Urban Ecosystems</i> , 2015 , 18, 663-684	2.8	11
164	Positive effects of roads on small mammals: a test of the predation release hypothesis. <i>Ecological Research</i> , 2015 , 30, 651-662	1.9	14
163	Relative effects of landscape-scale wetland amount and landscape matrix quality on wetland vertebrates: a 'meta-analysis 2015 , 25, 812-25		26
162	Are ecologists conducting research at the optimal scale?. <i>Global Ecology and Biogeography</i> , 2015 , 24, 52-63	6.1	284
161	A simple landscape design framework for biodiversity conservation. <i>Landscape and Urban Planning</i> , 2015 , 136, 13-27	7.7	33
160	Farmlands with smaller crop fields have higher within-field biodiversity. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 200, 219-234	5.7	199
159	Reconsidering the role of semi-natural habitat in agricultural landscape biodiversity: a case study. <i>Ecological Research</i> , 2015 , 30, 75-83	1.9	52
158	Just a hypothesis: a reply to Hanski. <i>Journal of Biogeography</i> , 2015 , 42, 993-994	4.1	25
157	Matrix quality and disturbance frequency drive evolution of species behavior at habitat boundaries. <i>Ecology and Evolution</i> , 2015 , 5, 5792-800	2.8	8
156	The Impacts of Roads and Traffic on Terrestrial Animal Populations 2015 , 237-246		43

155	Experimental study designs to improve the evaluation of road mitigation measures for wildlife. <i>Journal of Environmental Management</i> , 2015 , 154, 48-64	7.9	45
154	Impact of landscape composition and configuration on forest specialist and generalist bird species in the fragmented Lacandona rainforest, Mexico. <i>Biological Conservation</i> , 2015 , 184, 117-126	6.2	111
153	Influence of traffic mortality on forest bird abundance. <i>Biodiversity and Conservation</i> , 2015 , 24, 1507-1529	3.4	15
152	A species-centered approach for uncovering generalities in organism responses to habitat loss and fragmentation. <i>Ecography</i> , 2014 , 37, 517-527	6.5	87
151	Landscape context affects genetic diversity at a much larger spatial extent than population abundance. <i>Ecology</i> , 2014 , 95, 871-81	4.6	49
150	Predicting species diversity in agricultural environments using Landsat TM imagery. <i>Remote Sensing of Environment</i> , 2014 , 144, 214-225	13.2	33
149	Why is a landscape perspective important in studies of primates?. <i>American Journal of Primatology</i> , 2014 , 76, 901-9	2.5	57
148	Does traffic noise alter calling time in frogs and toads? A case study of anurans in Eastern Ontario, Canada. <i>Urban Ecosystems</i> , 2014 , 17, 945-953	2.8	18
147	Similar effects of residential and non-residential vegetation on bird diversity in suburban neighbourhoods. <i>Urban Ecosystems</i> , 2014 , 17, 27-44	2.8	15
146	Low reproductive rate predicts species sensitivity to habitat loss: a meta-analysis of wetland vertebrates. <i>PLoS ONE</i> , 2014 , 9, e90926	3.7	22
145	Do roads reduce painted turtle (<i>Chrysemys picta</i>) populations?. <i>PLoS ONE</i> , 2014 , 9, e98414	3.7	13
144	Culverts alone do not reduce road mortality in anurans. <i>Ecoscience</i> , 2014 , 21, 69-78	1.1	17
143	Higher nestling food biomass in organic than conventional soybean fields in eastern Ontario, Canada. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 189, 199-205	5.7	2
142	Habitat Loss and Fragmentation 2013 , 50-58		9
141	Why are some animal populations unaffected or positively affected by roads?. <i>Oecologia</i> , 2013 , 173, 1143-56	3.56	49
140	Road kill hotspots do not effectively indicate mitigation locations when past road kill has depressed populations. <i>Journal of Wildlife Management</i> , 2013 , 77, 1353-1359	1.9	29
139	Evaluating the effectiveness of road mitigation measures. <i>Biodiversity and Conservation</i> , 2013 , 22, 425-448	3.4	108
138	From forest and agro-ecosystems to the microecosystems of the human body: what can landscape ecology tell us about tumor growth, metastasis, and treatment options?. <i>Evolutionary Applications</i> , 2013 , 6, 82-91	4.8	16

137	Optimizing landscape selection for estimating relative effects of landscape variables on ecological responses. <i>Landscape Ecology</i> , 2013 , 28, 371-383	4.3	79
136	On the hope for biodiversity-friendly tropical landscapes. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 462-80.9	267	
135	Effects of habitat loss, habitat configuration and matrix composition on declining wetland species. <i>Biological Conservation</i> , 2013 , 160, 200-208	6.2	76
134	Mate attraction by male anurans in the presence of traffic noise. <i>Animal Conservation</i> , 2013 , 16, 275-285	3.2	22
133	Rethinking patch size and isolation effects: the habitat amount hypothesis. <i>Journal of Biogeography</i> , 2013 , 40, 1649-1663	4.1	659
132	Assessing Habitat Fragmentation Effects on Primates: The Importance of Evaluating Questions at the Correct Scale 2013 , 13-28		69
131	Measuring and selecting scales of effect for landscape predictors in species-habitat models 2012 , 22, 2277-92		81
130	Landscape moderation of biodiversity patterns and processes - eight hypotheses. <i>Biological Reviews</i> , 2012 , 87, 661-85	13.5	1121
129	Foraging habitat and diet of Song Sparrows (<i>Melospiza melodia</i>) nesting in farmland: a stable isotope approach. <i>Canadian Journal of Zoology</i> , 2012 , 90, 1339-1350	1.5	9
128	Measures to reduce population fragmentation by roads: what has worked and how do we know?. <i>Trends in Ecology and Evolution</i> , 2012 , 27, 374-80	10.9	116
127	Measuring protected-area isolation and correlations of isolation with land-use intensity and protection status. <i>Conservation Biology</i> , 2012 , 26, 610-8	6	40
126	Do species life history traits explain population responses to roads? A meta-analysis. <i>Biological Conservation</i> , 2012 , 147, 87-98	6.2	157
125	Relative effects of vehicle pollution, moisture and colonization sources on urban lichens. <i>Journal of Applied Ecology</i> , 2012 , 49, 1467-1474	5.8	13
124	What size is a biologically relevant landscape?. <i>Landscape Ecology</i> , 2012 , 27, 929-941	4.3	216
123	Effects of landscape structure on butterfly species richness and abundance in agricultural landscapes in eastern Ontario, Canada. <i>Agriculture, Ecosystems and Environment</i> , 2012 , 156, 123-133	5.7	52
122	Effect of paved road density on abundance of white-tailed deer. <i>Wildlife Research</i> , 2012 , 39, 478	1.8	12
121	Reproductive rate and body size predict road impacts on mammal abundance 2011 , 21, 589-600		51
120	Sub-optimal study design has major impacts on landscape-scale inference. <i>Biological Conservation</i> , 2011 , 144, 298-305	6.2	85

119	Relative effects of road mortality and decreased connectivity on population genetic diversity. <i>Biological Conservation</i> , 2011 , 144, 3143-3148	6.2	124
118	Carbon and nitrogen stable isotope ratios differ among invertebrates from field crops, forage crops, and non-cropped land uses. <i>Ecoscience</i> , 2011 , 18, 98-109	1.1	20
117	Do birds and beetles show similar responses to urbanization? 2011 , 21, 2297-312		61
116	Movement of small mammals across divided highways with vegetated medians. <i>Canadian Journal of Zoology</i> , 2011 , 89, 1214-1222	1.5	10
115	Functional landscape heterogeneity and animal biodiversity in agricultural landscapes. <i>Ecology Letters</i> , 2011 , 14, 101-12	10	974
114	Are the negative effects of roads on breeding birds caused by traffic noise?. <i>Journal of Applied Ecology</i> , 2011 , 48, 1527-1534	5.8	100
113	Landscape size affects the relative importance of habitat amount, habitat fragmentation, and matrix quality on forest birds. <i>Ecography</i> , 2011 , 34, 103-113	6.5	136
112	Predicting spatial occurrence of beetles and pseudoscorpions in hollow oaks in southeastern Sweden. <i>Biodiversity and Conservation</i> , 2011 , 20, 2027-2040	3.4	28
111	Positive effects of forest fragmentation, independent of forest amount, on bat abundance in eastern Ontario, Canada. <i>Landscape Ecology</i> , 2011 , 26, 865-876	4.3	100
110	A large-scale forest fragmentation experiment: the Stability of Altered Forest Ecosystems Project. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 3292-302	5.8	165
109	A comparison of patch connectivity measures using data on invertebrates in hollow oaks. <i>Ecography</i> , 2010 , 33, 971-978	6.5	32
108	The Trade-off Between Housing Density and Sprawl Area: Minimizing Impacts to Carabid Beetles (Coleoptera: Carabidae). <i>Ecology and Society</i> , 2010 , 15,	4.1	17
107	Plasticity in the vocalizations of anurans in response to traffic noise. <i>Acta Oecologica</i> , 2010 , 36, 463-470	1.7	80
106	Effects of time since urbanization on anuran community composition in remnant urban ponds. <i>Environmental Conservation</i> , 2010 , 37, 128-135	3.3	26
105	Detecting human-driven deviations from trajectories in landscape composition and configuration. <i>Landscape Ecology</i> , 2010 , 25, 1479-1487	4.3	32
104	The trade-off between housing density and sprawl area: Minimising impacts to forest breeding birds. <i>Basic and Applied Ecology</i> , 2010 , 11, 723-733	3.2	36
103	Behavioral Responses of Northern Leopard Frogs (<i>Rana pipiens</i>) to Roads and Traffic: Implications for Population Persistence. <i>Ecology and Society</i> , 2009 , 14,	4.1	47
102	Quantifying the Road-Effect Zone: Threshold Effects of a Motorway on Anuran Populations in Ontario, Canada. <i>Ecology and Society</i> , 2009 , 14,	4.1	99

101	Effects of Roads on Animal Abundance: an Empirical Review and Synthesis. <i>Ecology and Society</i> , 2009 , 14,	4.1	652
100	Confronting collinearity: comparing methods for disentangling the effects of habitat loss and fragmentation. <i>Landscape Ecology</i> , 2009 , 24, 1271-1285	4.3	218
99	How far do songbirds disperse?. <i>Ecography</i> , 2009 , 32, 1051-1061	6.5	44
98	Testing Holling's textural-discontinuity hypothesis. <i>Journal of Biogeography</i> , 2008 , 35, 2149-2150	4.1	4
97	The relative effects of road traffic and forest cover on anuran populations. <i>Biological Conservation</i> , 2008 , 141, 35-46	6.2	128
96	Edge effects created by wildfire and clear-cutting on boreal forest ground-dwelling spiders. <i>Forest Ecology and Management</i> , 2008 , 255, 1434-1445	3.9	36
95	Movement Patterns of Eastern Chipmunks (<i>Tamias striatus</i>) Near Roads. <i>Journal of Mammalogy</i> , 2008 , 89, 895-903	1.8	48
94	A checklist for ecological management of landscapes for conservation. <i>Ecology Letters</i> , 2008 , 11, 78-91	10	409
93	Accessible habitat: an improved measure of the effects of habitat loss and roads on wildlife populations. <i>Landscape Ecology</i> , 2008 , 23, 159-168	4.3	91
92	The Rauschholzhausen Agenda for Road Ecology. <i>Ecology and Society</i> , 2007 , 12,	4.1	86
91	Non-optimal animal movement in human-altered landscapes. <i>Functional Ecology</i> , 2007 , 21, 1003-1015	5.6	413
90	Do small mammals avoid roads because of the traffic?. <i>Journal of Applied Ecology</i> , 2007 , 45, 117-123	5.8	133
89	Modeling density dependence and climatic disturbances in caribou: a case study from the Bathurst Island complex, Canadian High Arctic. <i>Journal of Zoology</i> , 2007 , 272, 209-217	2	12
88	Potential net effects of climate change on High Arctic Peary caribou: Lessons from a spatially explicit simulation model. <i>Ecological Modelling</i> , 2007 , 207, 85-98	3	34
87	Diet and body size of North American mammal road mortalities. <i>Transportation Research, Part D: Transport and Environment</i> , 2007 , 12, 498-505	6.4	37
86	Effect of landscape context on anuran communities in breeding ponds in the National Capital Region, Canada. <i>Landscape Ecology</i> , 2007 , 22, 205-215	4.3	85
85	Effects of surrounding urbanization on non-native flora in small forest patches. <i>Landscape Ecology</i> , 2007 , 22, 589-599	4.3	74
84	Effect of road density on abundance of white-footed mice. <i>Landscape Ecology</i> , 2007 , 22, 1501-1512	4.3	57

83	Evidence of large-scale source-sink dynamics and long-distance dispersal among Wood Thrush populations. <i>Ecology</i> , 2006 , 87, 3029-36	4.6	49
82	Targets for maintenance of dead wood for biodiversity conservation based on extinction thresholds. <i>Scandinavian Journal of Forest Research</i> , 2006 , 21, 201-208	1.7	58
81	Response of predators to loss and fragmentation of prey habitat: a review of theory. <i>Ecology</i> , 2006 , 87, 1086-93	4.6	137
80	Short-term response of ground beetles (Coleoptera: Carabidae) to fire and logging in a spruce-dominated boreal landscape. <i>Forest Ecology and Management</i> , 2005 , 212, 118-126	3.9	56
79	Effects of a recent wildfire and clearcuts on ground-dwelling boreal forest spider assemblages. <i>Canadian Journal of Forest Research</i> , 2005 , 35, 2575-2588	1.9	36
78	MATRIX STRUCTURE OBSCURES THE RELATIONSHIP BETWEEN INTERPATCH MOVEMENT AND PATCH SIZE AND ISOLATION. <i>Ecology</i> , 2005 , 86, 1023-1033	4.6	168
77	Body size affects the spatial scale of habitat-beetle interactions. <i>Oikos</i> , 2005 , 110, 101-108	4	78
76	Habitat loss decreases predator-prey ratios in a pine-bark beetle system. <i>Oikos</i> , 2005 , 110, 265-270	4	42
75	Predicting when animal populations are at risk from roads: an interactive model of road avoidance behavior. <i>Ecological Modelling</i> , 2005 , 185, 329-348	3	252
74	Fecundity determines the extinction threshold in a Canadian assemblage of longhorned beetles (Coleoptera: Cerambycidae). <i>Journal of Insect Conservation</i> , 2005 , 9, 109-119	2.1	20
73	Mechanisms Affecting Population Density in Fragmented Habitat. <i>Ecology and Society</i> , 2005 , 10,	4.1	42
72	When is a landscape perspective important? 2005 , 3-10		33
71	Population Ecology in Spatially Heterogeneous Environments 2005 , 95-118		33
70	Response of Forest Understory Vegetation to a Major Ice Storm. <i>Journal of the Torrey Botanical Society</i> , 2004 , 131, 45	0.5	17
69	Crown Loss and Subsequent Branch Sprouting of Forest Trees in Response to a Major Ice Storm. <i>Journal of the Torrey Botanical Society</i> , 2004 , 131, 169	0.5	16
68	Effects of Road Fencing on Population Persistence. <i>Conservation Biology</i> , 2004 , 18, 1651-1657	6	134
67	A transient, positive effect of habitat fragmentation on insect population densities. <i>Oecologia</i> , 2004 , 141, 444-51	2.9	59
66	Determining the Spatial Scale of Species' Response to Habitat. <i>BioScience</i> , 2004 , 54, 227	5.7	270

65	Influence of canopy cover and amount of open habitat in the surrounding landscape on proportion of alien plant species in forest sites11 Associate Editor: Gilles Houle.. <i>Ecoscience</i> , 2004 , 11, 278-281	1.1	30
64	Evaluation of patch isolation metrics in mosaic landscapes for specialist vs. generalist dispersers. <i>Landscape Ecology</i> , 2003 , 18, 41-50	4.3	112
63	Using patch isolation metrics to predict animal movement in binary landscapes. <i>Landscape Ecology</i> , 2003 , 18, 17-39	4.3	170
62	EFFECT OF REPRODUCTIVE RATE ON MINIMUM HABITAT REQUIREMENTS OF FOREST-BREEDING BIRDS. <i>Ecology</i> , 2003 , 84, 2643-2653	4.6	53
61	Effects of Habitat Fragmentation on Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003 , 34, 487-515	13.5	43 ¹⁰
60	How does landscape structure influence landscape connectivity?. <i>Oikos</i> , 2002 , 99, 552-570	4	143
59	Importance of patch scale vs landscape scale on selected forest birds. <i>Oikos</i> , 2002 , 96, 110-118	4	81
58	Effect of Habitat Fragmentation on the Extinction Threshold: A Synthesis 2002 , 12, 346		21
57	Focal patch landscape studies for wildlife management: Optimizing sampling effort across scales 2002 , 68-91		56
56	EFFECT OF HABITAT FRAGMENTATION ON THE EXTINCTION THRESHOLD: A SYNTHESIS* 2002 , 12, 346-353		45
55	DISPERSAL DISTANCE OF MAMMALS IS PROPORTIONAL TO HOME RANGE SIZE. <i>Ecology</i> , 2002 , 83, 2049-2055	4.05	252
54	Effect of landscape structure on the movement behaviour of a specialized goldenrod beetle, <i>Trirhabda borealis</i> . <i>Canadian Journal of Zoology</i> , 2002 , 80, 24-35	1.5	73
53	Gap crossing by chipmunks: an experimental test of landscape connectivity. <i>Canadian Journal of Zoology</i> , 2002 , 80, 1556-1561	1.5	42
52	Patch Size and Population Density: the Effect of Immigration Behavior. <i>Ecology and Society</i> , 2002 , 6,		86
51	Impacts of Landscape Transformation by Roads 2002 , 225-243		17
50	Effect of Road Traffic on Two Amphibian Species of Differing Vagility. <i>Conservation Biology</i> , 2001 , 15, 1071-1078	6	238
49	On the use of connectivity measures in spatial ecology. A reply. <i>Oikos</i> , 2001 , 95, 152-155	4	57
48	Landscape structure influences continental distribution of hantavirus in deer mice. <i>Landscape Ecology</i> , 2001 , 16, 255-266	4.3	78

47	How much habitat is enough?. <i>Biological Conservation</i> , 2001 , 100, 65-74	6.2	692
46	On the usage and measurement of landscape connectivity. <i>Oikos</i> , 2000 , 90, 7-19	4	730
45	Effect of woody borders on insect density and diversity in crop fields: a landscape-scale analysis. <i>Agriculture, Ecosystems and Environment</i> , 2000 , 78, 115-122	5.7	91
44	How should we measure landscape connectivity?. <i>Landscape Ecology</i> , 2000 , 15, 633-641	4.3	237
43	LANDSCAPE COMPLEMENTATION AND METAPOPOPULATION EFFECTS ON LEOPARD FROG POPULATIONS. <i>Ecology</i> , 2000 , 81, 2498-2508	4.6	239
42	LANDSCAPE COMPLEMENTATION AND METAPOPOPULATION EFFECTS ON LEOPARD FROG POPULATIONS 2000 , 81, 2498		2
41	LANDSCAPE COMPLEMENTATION AND METAPOPOPULATION EFFECTS ON LEOPARD FROG POPULATIONS 2000 , 81, 2498		4
40	Testing for Habitat Detection Distances Using Orientation Data. <i>Oikos</i> , 1999 , 84, 160	4	20
39	Predicting Invasiveness of Plant Species Based on Biological Information. <i>Conservation Biology</i> , 1999 , 13, 422-426	6	270
38	Traditional farmers' knowledge of sorghum (<i>sorghum bicolor</i> [Poaceae]) landrace storability in Ethiopia. <i>Economic Botany</i> , 1999 , 53, 69-78	1.7	33
37	Maintenance of sorghum (<i>sorghum bicolor</i> , poaceae) landrace diversity by farmers' selection in Ethiopia. <i>Economic Botany</i> , 1999 , 53, 79-88	1.7	61
36	Effects of Vegetation Type and Adjacent Agricultural Matrix on Fencerow Use by Small Mammals: A Nonmanipulative Experiment 1999 , 249-260		2
35	INDEPENDENT EFFECTS OF FOREST COVER AND FRAGMENTATION ON THE DISTRIBUTION OF FOREST BREEDING BIRDS 1999 , 9, 586-593		290
34	Effect of Habitat Patch Characteristics on Abundance and Diversity of Insects in an Agricultural Landscape. <i>Ecosystems</i> , 1998 , 1, 197-205	3.9	62
33	When does fragmentation of breeding habitat affect population survival?. <i>Ecological Modelling</i> , 1998 , 105, 273-292	3	252
32	Relative effects of trap versus trawl fisheries on population dynamics of the northern cod (<i>Gadus morhua</i>) stock. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1998 , 55, 76-85	2.4	3
31	HABITAT LOSS AND POPULATION DECLINE: A META-ANALYSIS OF THE PATCH SIZE EFFECT. <i>Ecology</i> , 1998 , 79, 517-533	4.6	546
30	Intra-Specific Abundance-Distribution Relationships. <i>Oikos</i> , 1998 , 82, 483	4	24

29	Local vs. Landscape Effects of Woody Field Borders as Barriers to Crop Pest Movement. <i>Ecology and Society</i> , 1998 , 2,		15
28	Raccoon Habitat Use at 2 Spatial Scales. <i>Journal of Wildlife Management</i> , 1997 , 61, 102	1.9	97
27	Relative Effects of Habitat Loss and Fragmentation on Population Extinction. <i>Journal of Wildlife Management</i> , 1997 , 61, 603	1.9	617
26	Response of generalist and specialist insect herbivores to landscape spatial structure. <i>Landscape Ecology</i> , 1997 , 12, 185-197	4.3	140
25	Sorghum [<i>Sorghum bicolor</i> (L.) Moench] landrace variation and classification in North Shewa and South Welo, Ethiopia. <i>Euphytica</i> , 1997 , 97, 255-263	2.1	81
24	Habitat Availability Causes the Species Abundance-Distribution Relationship. <i>Oikos</i> , 1996 , 76, 564	4	74
23	Effect of road traffic on amphibian density. <i>Biological Conservation</i> , 1995 , 73, 177-182	6.2	384
22	Landscape pattern and population conservation 1995 , 293-308		42
21	The advantage of long-distance clonal spreading in highly disturbed habitats. <i>Evolutionary Ecology</i> , 1994 , 8, 172-187	1.8	94
20	Conservation of Fragmented Populations. <i>Conservation Biology</i> , 1994 , 8, 50-59	6	715
19	Predator Stomachs as Sampling Tools for Prey Distribution: Atlantic Cod (<i>Gadus morhua</i>) and Capelin (<i>Mallotus villosus</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1993 , 50, 1541-1547	2.4	41
18	EFFECT OF FISH MOVEMENT AND FLEET SPATIAL BEHAVIOR ON MANAGEMENT OF FISH SUBSTOCKS. <i>Natural Resource Modelling</i> , 1993 , 7, 37-56	1.2	8
17	Connectivity Is a Vital Element of Landscape Structure. <i>Oikos</i> , 1993 , 68, 571	4	1302
16	Relative importance of spatial and temporal scales in a patchy environment. <i>Theoretical Population Biology</i> , 1992 , 41, 300-314	1.2	138
15	Simulation Methods for Developing General Landscape-Level Hypotheses of Single-Species Dynamics. <i>Ecological Studies</i> , 1991 , 417-442	1.1	18
14	A general model of populations in patchy habitats. <i>Applied Mathematics and Computation</i> , 1988 , 27, 53-66.7		30
13	Determinants of local population size in patchy habitats. <i>Theoretical Population Biology</i> , 1988 , 34, 194-213.2		96
12	Effect of Spatial Arrangement of Habitat Patches on Local Population Size. <i>Ecology</i> , 1988 , 69, 468-475	4.6	114

11	Nature of ecological theories. <i>Ecological Modelling</i> , 1988 , 43, 129-132	3	6
10	Interpatch dispersal of the cabbage butterfly. <i>Canadian Journal of Zoology</i> , 1987 , 65, 616-622	1.5	29
9	On Succession in A Saxicolous Lichen Community. <i>Lichenologist</i> , 1985 , 17, 167-172	1.1	25
8	Spatial characteristics of habitat patches and population survival. <i>Ecological Modelling</i> , 1985 , 30, 297-308		69
7	Habitat Patch Connectivity and Population Survival. <i>Ecology</i> , 1985 , 66, 1762-1768	4.6	474
6	Population Stability in a Patchy Environment. <i>Developments in Environmental Modelling</i> , 1983 , 5, 61-67	0	5
5	Birds in cultural landscapes: actual and perceived differences between northeastern North America and western Europe481-515		6
4	Estimating Minimum Habitat for Population Persistence64-80		5
3	Landscape heterogeneity and metapopulation dynamics78-91		21
2	Landscape connectivity: a return to the basics29-43		159
1	The disproportionately high value of small patches for biodiversity conservation. <i>Conservation Letters</i> ,	6.9	3