Otso Ovaskainen

List of Publications by Year
in descending order

236 papers	16,277 citations	19636 61 h-index	20943 115 g-index
279 all docs	279 docs citations	279 times ranked	16933 citing authors

#	Article	IF	Citations
1	Bayesian Modeling of Sequential Discoveries. Journal of the American Statistical Association, 2023, 118, 2521-2532.	1.8	0
2	A molecularâ€based identification resource for the arthropods of Finland. Molecular Ecology Resources, 2022, 22, 803-822.	2.2	26
3	Movement of forestâ€dependent dung beetles through riparian buffers in Bornean oil palm plantations. Journal of Applied Ecology, 2022, 59, 238-250.	1.9	5
4	Contrasting Effects of Chronic Anthropogenic Disturbance on Activity and Species Richness of Insectivorous Bats in Neotropical Dry Forest. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	5
5	Spatial Memory Drives Foraging Strategies of Wolves, but in Highly Individual Ways. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	4
6	Effects of density, species interactions, and environmental stochasticity on the dynamics of British bird communities. Ecology, 2022, 103, e3731.	1.5	7
7	Distance decay 2.0 â€" A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	2.7	40
8	Climate change reshuffles northern species within their niches. Nature Climate Change, 2022, 12, 587-592.	8.1	46
9	Mathematical and simulation methods for deriving extinction thresholds in spatial and stochastic models of interacting agents. Methods in Ecology and Evolution, 2021, 12, 162-169.	2.2	1
10	Maternal effects shape the seed mycobiome in <i>Quercus petraea</i>. New Phytologist, 2021, 230, 1594-1608.	3.5	47
11	Frugivory Specialization in Birds and Fruit Chemistry Structure Mutualistic Networks across the Neotropics. American Naturalist, 2021, 197, 236-249.	1.0	16
12	Exploring the dimensions of metapopulation persistence: a comparison of structural and temporal measures. Theoretical Ecology, 2021, 14, 269-278.	0.4	3
13	Fungal Communities Are Important Determinants of Bacterial Community Composition in Deadwood. MSystems, 2021, 6, .	1.7	28
14	Temperature effects on the temporal dynamics of a subarctic invertebrate community. Journal of Animal Ecology, 2021, 90, 1217-1227.	1.3	3
15	Predicting fish community responses to environmental policy targets. Biodiversity and Conservation, 2021, 30, 1457-1478.	1.2	7
16	Accounting for species interactions is necessary for predicting how arctic arthropod communities respond to climate change. Ecography, 2021, 44, 885-896.	2.1	24
17	Does traitâ€based joint species distribution modelling reveal the signature of competition in stream macroinvertebrate communities?. Journal of Animal Ecology, 2021, 90, 1276-1287.	1.3	11
18	Land-use changes lead to functional loss of terrestrial mammals in a Neotropical rainforest. Perspectives in Ecology and Conservation, 2021, 19, 161-170.	1.0	22

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19	The Ghost of the Hawk: Top Predator Shaping Bird Communities in Space and Time. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	6
20	Choosy beetles: How host trees and southern boreal forest naturalness may determine dead wood beetle communities. Forest Ecology and Management, 2021, 487, 119023.	1.4	12
21	Co-occurrences of tropical trees in eastern South America: disentangling abiotic and biotic forces. Plant Ecology, 2021, 222, 791-806.	0.7	3
22	Movement syndromes of a Neotropical frugivorous bat inhabiting heterogeneous landscapes in Brazil. Movement Ecology, 2021, 9, 35.	1.3	2
23	Effects of a mobile disturbance pattern on dynamic patch networks and metapopulation persistence. Ecological Modelling, 2021, 460, 109738.	1.2	1
24	Phenological shifts of abiotic events, producers and consumers across a continent. Nature Climate Change, 2021, 11, 241-248.	8.1	37
25	Temporal turnover of the soil microbiome composition is guildâ€specific. Ecology Letters, 2021, 24, 2726-2738.	3.0	21
26	Traits mediate niches and coâ€occurrences of forest beetles in ways that differ among bioclimatic regions. Journal of Biogeography, 2021, 48, 3145-3157.	1.4	16
27	Ecological dependencies make remote reef fish communities most vulnerable to coral loss. Nature Communications, 2021, 12, 7282.	5.8	14
28	Adaptation to local climate in multi-trait space: evidence from silver fir (Abies alba Mill.) populations across a heterogeneous environment. Heredity, 2020, 124, 77-92.	1.2	28
29	Morphological traits predict host-tree specialization in wood-inhabiting fungal communities. Fungal Ecology, 2020, 46, 100863.	0.7	13
30	SPIKEPIPE: A metagenomic pipeline for the accurate quantification of eukaryotic species occurrences and intraspecific abundance change using DNA barcodes or mitogenomes. Molecular Ecology Resources, 2020, 20, 256-267.	2.2	50
31	The relative importance of local and regional processes to metapopulation dynamics. Journal of Animal Ecology, 2020, 89, 884-896.	1.3	16
32	Computationally efficient joint species distribution modeling of big spatial data. Ecology, 2020, 101, e02929.	1.5	70
33	Bioregions in Marine Environments: Combining Biological and Environmental Data for Management and Scientific Understanding. BioScience, 2020, 70, 48-59.	2.2	16
34	Fragmented tropical forests lose mutualistic plantâ€"animal interactions. Diversity and Distributions, 2020, 26, 154-168.	1.9	37
35	Joint species distribution modelling with the <scp>r</scp>â€package H<scp>msc</scp>. Methods in Ecology and Evolution, 2020, 11, 442-447.	2.2	245
36	Habitat fragmentation and species diversity in competitive communities. Ecology Letters, 2020, 23, 506-517.	3.0	72

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37	Convergence of fungal traits over time in natural and forestry-fragmented patches. Biological Conservation, 2020, 251, 108789.	1.9	3
38	Hostâ€plant availability drives the spatiotemporal dynamics of interacting metapopulations across a fragmented landscape. Ecology, 2020, 101, e03186.	1.5	11
39	Determining marine bioregions: A comparison of quantitative approaches. Methods in Ecology and Evolution, 2020, 11, 1258-1272.	2.2	20
40	Differences in spatial versus temporal reaction norms for spring and autumn phenological events. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31249-31258.	3.3	25
41	Fungal communities decline with urbanizationâ€"more in air than in soil. ISME Journal, 2020, 14, 2806-2815.	4.4	53
42	Refining Predictions of Metacommunity Dynamics by Modeling Species Nonâ€independence. Bulletin of the Ecological Society of America, 2020, 101, e01717.	0.2	0
43	Communities in high definition: Spatial and environmental factors shape the microâ€distribution of aquatic invertebrates. Freshwater Biology, 2020, 65, 2053-2065.	1.2	14
44	Ilkka Aulis Hanski. 14 February 1953â€"10 May 2016. Biographical Memoirs of Fellows of the Royal Society, 2020, 68, 231-250.	0.1	0
45	Higher host plant specialization of rootâ€associated endophytes than mycorrhizal fungi along an arctic elevational gradient. Ecology and Evolution, 2020, 10, 8989-9002.	0.8	11
46	Data collected by fruit bodyâ€and DNAâ€based survey methods yield consistent speciesâ€toâ€species association networks in woodâ€inhabiting fungal communities. Oikos, 2020, 129, 1833-1843.	1.2	8
47	Historical Development of Community Ecology. , 2020, , 3-18.		0
48	Typical Data Collected by Community Ecologists. , 2020, , 19-29.		0
49	Typical Statistical Methods Applied by Community Ecologists. , 2020, , 30-38.		0
50	Single-Species Distribution Modelling. , 2020, , 53-103.		1
51	Joint Species Distribution Modelling. , 2020, , 104-141.		0
52	Evaluating Model Fit and Selecting among Multiple Models. , 2020, , 217-252.		0
53	Linking HMSC Back to Community Assembly Processes. , 2020, , 255-299.		0
54	Illustration of HMSC Analyses. , 2020, , 300-336.		0

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55	Forest and connectivity loss drive changes in movement behavior of bird species. Ecography, 2020, 43, 1203-1214.	2.1	28
56	Spatial synchrony is related to environmental change in Finnish moth communities. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200684.	1.2	8
57	Accounting for environmental variation in coâ€occurrence modelling reveals the importance of positive interactions in rootâ€associated fungal communities. Molecular Ecology, 2020, 29, 2736-2746.	2.0	29
58	Dynamics of a hostâ€"parasitoid interaction clarified by modelling and DNA sequencing. Ecology Letters, 2020, 23, 851-859.	3.0	4
59	Saproxylic beetle assemblages in recently dead Scots pines: How traits modulate speciesâ€™ response to forest management?. Forest Ecology and Management, 2020, 473, 118300.	1.4	8
60	Ten principles for conservation translocations of threatened wood-inhabiting fungi. Fungal Ecology, 2020, 44, 100919.	0.7	15
61	Monitoring Fungal Communities With the Global Spore Sampling Project. Frontiers in Ecology and Evolution, 2020, 7, .	1.1	25
62	Refining predictions of metacommunity dynamics by modeling species nonâ€independence. Ecology, 2020, 101, e03067.	1.5	8
63	An Overview of the Structure and Use of HMSC. , 2020, , 39-50.		1
64	Bayesian Inference in HMSC. , 2020, , 184-216.		2
65	Chronicles of nature calendar, a long-term and large-scale multitaxon database on phenology. Scientific Data, 2020, 7, 47.	2.4	22
66	Joint Species Distribution Modelling. , 2020, , 142-183.		1
67	A general mathematical method for predicting spatio-temporal correlations emerging from agent-based models. Journal of the Royal Society Interface, 2020, 17, 20200655.	1.5	4
68	Spatioâ€temporal scaling of biodiversity in acoustic tropical bird communities. Ecography, 2019, 42, 1936-1947.	2.1	19
69	The microbiome of the <i>Melitaea cinxia</i> butterfly shows marked variation but is only little explained by the traits of the butterfly or its host plant. Environmental Microbiology, 2019, 21, 4253-4269.	1.8	21
70	What can observational data reveal about metacommunity processes?. Ecography, 2019, 42, 1877-1886.	2.1	63
71	A unified framework for analysis of individual-based models in ecology and beyond. Nature Communications, 2019, 10, 4716.	5.8	21
72	Temporal sampling and abundance measurement influences support for occupancyâ€"abundance relationships. Journal of Biogeography, 2019, 46, 2839-2849.	1.4	5

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73	Detecting parasite associations within multi-species host and parasite communities. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191109.	1.2	42
74	Experimentally induced community assembly of polypores reveals the importance of both environmental filtering and assembly history. Fungal Ecology, 2019, 41, 137-146.	0.7	10
75	Scaling up the effects of inbreeding depression from individuals to metapopulations. Journal of Animal Ecology, 2019, 88, 1202-1214.	1.3	21
76	A comprehensive evaluation of predictive performance of 33 species distribution models at species and community levels. Ecological Monographs, 2019, 89, e01370.	2.4	290
77	Joint Species Movement Modeling: How Do Traits Influence Movements?. Bulletin of the Ecological Society of America, 2019, 100, e01511.	0.2	0
78	Common gardens in teosintes reveal the establishment of a syndrome of adaptation to altitude. PLoS Genetics, 2019, 15, e1008512.	1.5	22
79	Handbook for the measurement of macrofungal functional traits: A start with basidiomycete wood fungi. Functional Ecology, 2019, 33, 372-387.	1.7	39
80	Long-term shifts in water quality show scale-dependent bioindicator responses across Russia â€“ Insights from 40â€‐year-long bioindicator monitoring program. Ecological Indicators, 2019, 98, 476-482.	2.6	15
81	Joint species movement modeling: how do traits influence movements?. Ecology, 2019, 100, e02622.	1.5	22
82	Metapopulation Models. , 2019, , 136-144.		2
83	Soil fertility in boreal forest relates to rootâ€driven nitrogen retention and carbon sequestration in the mor layer. New Phytologist, 2019, 221, 1492-1502.	3.5	27
84	Species distribution models. , 2019, , 277-298.		1
85	Secondary forest regeneration benefits old-growth specialist bats in a fragmented tropical landscape. Scientific Reports, 2018, 8, 3819.	1.6	54
86	Habitat quality is more important than matrix quality for bird communities in protected areas. Ecology and Evolution, 2018, 8, 4019-4030.	0.8	17
87	At which spatial and temporal scales can fungi indicate habitat connectivity?. Ecological Indicators, 2018, 91, 138-148.	2.6	34
88	Give me a sample of air and I will tell which species are found from your region: Molecular identification of fungi from airborne spore samples. Molecular Ecology Resources, 2018, 18, 511-524.	2.2	54
89	Assessing the dynamics of natural populations by fitting individualâ€based models with approximate Bayesian computation. Methods in Ecology and Evolution, 2018, 9, 1286-1295.	2.2	15
90	Red squirrels decline in abundance in the boreal forests of Finland and NW Russia. Ecography, 2018, 41, 1370-1379.	2.1	8

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91	Estimating seed and pollen dispersal kernels from genetic data demonstrates a high pollen dispersal capacity for an endangered palm species. American Journal of Botany, 2018, 105, 1802-1812.	0.8	14
92	Estimating interaction credit for trophic rewilding in tropical forests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170435.	1.8	9
93	Animal Sound Identifier (<scp>ASI</scp>): software for automated identification of vocal animals. Ecology Letters, 2018, 21, 1244-1254.	3.0	35
94	<scp>Protax</scp>â€fungi: a webâ€based tool for probabilistic taxonomic placement of fungal internal transcribed spacer sequences. New Phytologist, 2018, 220, 517-525.	3.5	69
95	Direct and indirect effects of a pH gradient bring insights into the mechanisms driving prokaryotic community structures. Microbiome, 2018, 6, 106.	4.9	123
96	Responses of generalist and specialist species to fragmented landscapes. Theoretical Population Biology, 2018, 124, 31-40.	0.5	24
97	Frontiers in Metapopulation Biology: The Legacy of Ilkka Hanski. Annual Review of Ecology, Evolution, and Systematics, 2018, 49, 231-252.	3.8	27
98	Using joint species distribution models for evaluating how speciesâ€toâ€species associations depend on the environmental context. Methods in Ecology and Evolution, 2017, 8, 443-452.	2.2	132
99	Quantifying uncertainty of taxonomic placement in <scp>DNA</scp> barcoding and metabarcoding. Methods in Ecology and Evolution, 2017, 8, 398-407.	2.2	77
100	Interactions between soil- and dead wood-inhabiting fungal communities during the decay of Norway spruce logs. ISME Journal, 2017, 11, 1964-1974.	4.4	115
101	Connecting Earth observation to high-throughput biodiversity data. Nature Ecology and Evolution, 2017, 1, 176.	3.4	156
102	How are species interactions structured in species-rich communities? A new method for analysing time-series data. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170768.	1.2	84
103	Atlantic frugivory: a plantâ€“frugivore interaction data set for the Atlantic Forest. Ecology, 2017, 98, 1729-1729.	1.5	89
104	How to make more out of community data? A conceptual framework and its implementation as models and software. Ecology Letters, 2017, 20, 561-576.	3.0	646
105	Measuring and predicting the influence of traits on the assembly processes of woodâ€inhabiting fungi. Journal of Ecology, 2017, 105, 1070-1081.	1.9	88
106	Can we predict the expansion rate of a translocated butterfly population based on a priori estimated movement rates?. Biological Conservation, 2017, 215, 189-195.	1.9	29
107	A numerical approach to determine mutant invasion fitness and evolutionary singular strategies. Theoretical Population Biology, 2017, 115, 89-99.	0.5	5
108	Structure and stability of genetic varianceâ€“covariance matrices: A Bayesian sparse factor analysis of transcriptional variation in the threeâ€spined stickleback. Molecular Ecology, 2017, 26, 5099-5113.	2.0	5

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109	A General Approach to Model Movement in (Highly) Fragmented Patch Networks. Journal of Agricultural, Biological, and Environmental Statistics, 2017, 22, 393-412.	0.7	4
110	Discovery of longâ€distance gamete dispersal in a lichenâ€forming ascomycete. New Phytologist, 2017, 216, 216-226.	3.5	40
111	Design matters: An evaluation of the impact of small man-made forest clearings on tropical bats using a before-after-control-impact design. Forest Ecology and Management, 2017, 401, 8-16.	1.4	30
112	Correlated velocity models as a fundamental unit of animal movement: synthesis and applications. Movement Ecology, 2017, 5, 13.	1.3	56
113	Detecting the influence of environmental covariates on animal movement: a semivariance approach. Methods in Ecology and Evolution, 2017, 8, 561-570.	2.2	5
114	Woodâ€inhabiting fungi with tight associations with other species have declined as a response to forest management. Oikos, 2017, 126, .	1.2	21
115	PROTAX-Sound: A probabilistic framework for automated animal sound identification. PLoS ONE, 2017, 12, e0184048.	1.1	8
116	The Interplay between Immigration and Local Population Dynamics in Metapopulations. Annales Zoologici Fennici, 2017, 54, 113-121.	0.2	6
117	A Spatio-Temporally Explicit Random Encounter Model for Large-Scale Population Surveys. PLoS ONE, 2016, 11, e0162447.	1.1	5
118	Uncovering hidden spatial structure in species communities with spatially explicit joint species distribution models. Methods in Ecology and Evolution, 2016, 7, 428-436.	2.2	170
119	Using latent variable models to identify large networks of speciesâ€toâ€species associations at different spatial scales. Methods in Ecology and Evolution, 2016, 7, 549-555.	2.2	161
120	The spatial scale of local adaptation in a stochastic environment. Ecology Letters, 2016, 19, 780-788.	3.0	28
121	Evolution, plasticity and evolving plasticity of phenology in theÂtree species <i>Alnus glutinosa</i>. Journal of Evolutionary Biology, 2016, 29, 253-264.	0.8	23
122	Genetics and evolutionary ecology. , 2016, , 168-214.		0
123	Post-fledging movements of white-tailed eagles: Conservation implications for wind-energy development. Ambio, 2016, 45, 831-840.	2.8	10
124	Reintroduction of threatened fungal species via inoculation. Biological Conservation, 2016, 203, 120-124.	1.9	15
125	Extending Joint Models in Community Ecology: A Response to Beissinger et al .. Trends in Ecology and Evolution, 2016, 31, 737-738.	4.2	24
126	Novel Insights into the Map Stage of True Navigation in Nonmigratory Wild Birds (Stone Curlews,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	5

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127	Home-range use patterns and movements of the Siberian flying squirrel in urban forests: Effects of habitat composition and connectivity. Movement Ecology, 2016, 4, 5.	1.3	10
128	Unbiased probabilistic taxonomic classification for DNA barcoding. Bioinformatics, 2016, 32, 2920-2927.	1.8	75
129	Fruit body based inventories in wood-inhabiting fungi: Should we replicate in space or time?. Fungal Ecology, 2016, 20, 225-232.	0.7	34
130	Spore sensitivity to sunlight and freezing can restrict dispersal in woodâ€decay fungi. Ecology and Evolution, 2015, 5, 3312-3326.	0.8	44
131	Testing a mechanistic dispersal model against a dispersal experiment with a windâ€dispersed moss. Oikos, 2015, 124, 1232-1240.	1.2	7
132	Artificial irrigation ponds and sea coast as foraging habitat for larids breeding in protected wetlands. Marine and Freshwater Research, 2015, 66, 831.	0.7	1
133	Defaunation affects carbon storage in tropical forests. Science Advances, 2015, 1, e1501105.	4.7	285
134	â€˜Strictâ€™, yet ineffective: legal protection of breeding sites and resting places fails with the <scp>S</scp>iberian flying squirrel. Animal Conservation, 2015, 18, 167-175.	1.5	14
135	Beyond metacommunity paradigms: habitat configuration, life history, and movement shape an herbivore community on oak. Ecology, 2015, 96, 3175-3185.	1.5	8
136	The dual role of rivers in facilitating or hindering movements of the false heath fritillary butterfly. Movement Ecology, 2015, 3, 4.	1.3	5
137	So Many Variables: Joint Modeling in Community Ecology. Trends in Ecology and Evolution, 2015, 30, 766-779.	4.2	607
138	A fungal perspective on conservation biology. Conservation Biology, 2015, 29, 61-68.	2.4	125
139	Large-Scale Habitat Corridors for Biodiversity Conservation: A Forest Corridor in Madagascar. PLoS ONE, 2015, 10, e0132126.	1.1	33
140	Bryophyte Species Richness on Retention Aspens Recovers in Time but Community Structure Does Not. PLoS ONE, 2014, 9, e93786.	1.1	15
141	The past and the present in decisionâ€making: the use of conspecific and heterospecific cues in nest site selection. Ecology, 2014, 95, 3428-3439.	1.5	57
142	Statistical ecology comes of age. Biology Letters, 2014, 10, 20140698.	1.0	40
143	Effects of ecological continuity on species richness and composition in forests and woodlands: A review. Ecoscience, 2014, 21, 34-45.	0.6	107
144	Invasion rate of deer ked depends on spatiotemporal variation in host density. Bulletin of Entomological Research, 2014, 104, 314-322.	0.5	12

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145	BRINGING HABITAT INFORMATION INTO STATISTICAL TESTS OF LOCAL ADAPTATION IN QUANTITATIVE TRAITS: A CASE STUDY OF NINE-SPINED STICKLEBACKS. Evolution; International Journal of Organic Evolution, 2014, 68, 559-568.	1.1	45
146	A statistical framework for inferring the influence of conspecifics on movement behaviour. Methods in Ecology and Evolution, 2014, 5, 183-189.	2.2	26
147	A general mathematical framework for the analysis of spatiotemporal point processes. Theoretical Ecology, 2014, 7, 101-113.	0.4	71
148	Predatorâ€“vole interactions in northern Europe: the role of small mustelids revised. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20142119.	1.2	37
149	Do small spores disperse further than large spores?. Ecology, 2014, 95, 1612-1621.	1.5	87
150	Ecological and evolutionary effects of fragmentation on infectious disease dynamics. Science, 2014, 344, 1289-1293.	6.0	165
151	Species associations during the succession of wood-inhabiting fungal communities. Fungal Ecology, 2014, 11, 17-28.	0.7	91
152	Community Turnover of Wood-Inhabiting Fungi across Hierarchical Spatial Scales. PLoS ONE, 2014, 9, e103416.	1.1	23
153	<scp>driftsel</scp>: an R package for detecting signals of natural selection in quantitative traits. Molecular Ecology Resources, 2013, 13, 746-754.	2.2	53
154	Combining high-throughput sequencing with fruit body surveys reveals contrasting life-history strategies in fungi. ISME Journal, 2013, 7, 1696-1709.	4.4	144
155	Nonlinear effects of climate on boreal rodent dynamics: mild winters do not negate highâ€amplitude cycles. Global Change Biology, 2013, 19, 697-710.	4.2	101
156	Towards a general formalization of encounter rates in ecology. Theoretical Ecology, 2013, 6, 189-202.	0.4	63
157	Roots and Associated Fungi Drive Long-Term Carbon Sequestration in Boreal Forest. Science, 2013, 339, 1615-1618.	6.0	1,130
158	Specialist species of woodâ€inhabiting fungi struggle while generalists thrive in fragmented boreal forests. Journal of Ecology, 2013, 101, 701-712.	1.9	172
159	Species traits and inertial deposition of fungal spores. Journal of Aerosol Science, 2013, 61, 81-98.	1.8	42
160	Community-level phenological response to climate change. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13434-13439.	3.3	258
161	Ecological speciation in postglacial <scp>E</scp>uropean whitefish: rapid adaptive radiations into the littoral, pelagic, and profundal lake habitats. Ecology and Evolution, 2013, 3, 4970-4986.	0.8	117
162	Immigration-extinction dynamics of stochastic populations. Physical Review E, 2013, 88, 012124.	0.8	15

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163	Estimating Population-Level Coancestry Coefficients by an Admixture F Model. Genetics, 2012, 192, 609-617.	1.2	49
164	Environmentally induced dispersalâ€related lifeâ€history syndrome in the tropical butterfly, <i>Bicyclus anynana</i>. Journal of Evolutionary Biology, 2012, 25, 2264-2275.	0.8	17
165	Spatioâ€temporal patterns of habitat use in voles and shrews modified by density, season and predators. Journal of Animal Ecology, 2012, 81, 747-755.	1.3	33
166	Dispersal may limit the occurrence of specialist wood decay fungi already at small spatial scales. Oikos, 2012, 121, 961-974.	1.2	112
167	Characteristic Spatial and Temporal Scales Unify Models of Animal Movement. American Naturalist, 2011, 178, 113-123.	1.0	62
168	Ecoâ€Evolutionary Metapopulation Dynamics and the Spatial Scale of Adaptation. American Naturalist, 2011, 177, 29-43.	1.0	89
169	Making more out of sparse data: hierarchical modeling of species communities. Ecology, 2011, 92, 289-295.	1.5	195
170	Size and genetic composition of the colonizing propagules in a butterfly metapopulation. Oikos, 2011, 120, 1357-1365.	1.2	14
171	Increased propensity for aerial dispersal in disturbed habitats due to intraspecific variation and species turnover. Oikos, 2011, 120, 1099-1109.	1.2	52
172	LOCAL ADAPTATION IN A CHANGING WORLD: THE ROLES OF GENE-FLOW, MUTATION, AND SEXUAL REPRODUCTION. Evolution; International Journal of Organic Evolution, 2011, 65, 79-89.	1.1	58
173	EVOLUTIONARY RESPONSES OF DISPERSAL DISTANCE TO LANDSCAPE STRUCTURE AND HABITAT LOSS. Evolution; International Journal of Organic Evolution, 2011, 65, 1739-1751.	1.1	53
174	Summer movements, predation and habitat use of wolves in human modified boreal forests. Oecologia, 2011, 165, 891-903.	0.9	60
175	Dispersal in the Glanville fritillary butterfly in fragmented versus continuous landscapes: comparison between three methods. Ecological Entomology, 2011, 36, 251-260.	1.1	20
176	Bayesian state-space modeling of metapopulation dynamics in the Glanville fritillary butterfly. Ecological Monographs, 2011, 81, 581-598.	2.4	45
177	A New Method to Uncover Signatures of Divergent and Stabilizing Selection in Quantitative Traits. Genetics, 2011, 189, 621-632.	1.2	110
178	Modeling species coâ€occurrence by multivariate logistic regression generates new hypotheses on fungal interactions. Ecology, 2010, 91, 2514-2521.	1.5	237
179	Spatial location dominates over host plant genotype in structuring an herbivore community. Ecology, 2010, 91, 2660-2672.	1.5	83
180	Testing the heterospecific attraction hypothesis with time-series data on species co-occurrence. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2983-2990.	1.2	78

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181	Identifying wood-inhabiting fungi with 454 sequencing â€“ what is the probability that BLAST gives the correct species?. Fungal Ecology, 2010, 3, 274-283.	0.7	97
182	Stochastic models of population extinction. Trends in Ecology and Evolution, 2010, 25, 643-652.	4.2	338
183	Hierarchical Metapopulation Dynamics of Two Aphid Species on a Shared Host Plant. American Naturalist, 2009, 174, 331-341.	1.0	7
184	Modelling single nucleotide effects in<i>phosphoglucose isomerase</i>on dispersal in the Glanville fritillary butterfly: coupling of ecological and evolutionary dynamics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1519-1532.	1.8	70
185	Modelling dispersal with diffusion and habitat selection: Analytical results for highly fragmented landscapes. Ecological Modelling, 2009, 220, 1495-1505.	1.2	14
186	A unified measure of the number, volume and diversity of dead trees and the response of fungal communities. Journal of Ecology, 2009, 97, 1320-1328.	1.9	62
187	Competition as a structuring force in leaf miner communities. Oikos, 2009, 118, 809-818.	1.2	43
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