James S Clark

List of Publications by Year
in descending order

Version: 2024-02-01

188 papers	19,799 citations	10956 71 h-index	11899 134 g-index
197 all docs	197 docs citations	197 times ranked	17487 citing authors

#	Article	IF	Citations
1	North American tree migration paced by climate in the West, lagging in the East. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	27
2	Jointly modeling marine species to inform the effects of environmental change on an ecological community in the Northwest Atlantic. Scientific Reports, 2022, 12, 132.	1.6	14
3	Distinct Community-Wide Responses to Forecasted Climate Change in Afrotropical Forests. Frontiers in Ecology and Evolution, 2022, 9, .	1.1	0
4	Age-Related Changes in the Nasopharyngeal Microbiome Are Associated With Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection and Symptoms Among Children, Adolescents, and Young Adults. Clinical Infectious Diseases, 2022, 75, e928-e937.	2.9	22
5	Globally, tree fecundity exceeds productivity gradients. Ecology Letters, 2022, 25, 1471-1482.	3.0	11
6	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. Nature Communications, 2022, 13, 2381.	5.8	21
7	Fishing gear entanglement threatens recovery of critically endangered North Atlantic right whales. Conservation Science and Practice, 2022, 4, .	0.9	11
8	Continent-wide tree fecundity driven by indirect climate effects. Nature Communications, 2021, 12, 1242.	5.8	46
9	Clustering Species With Residual Covariance Matrix in Joint Species Distribution Models. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	10
10	On the Interpretations of Joint Modeling in Community Ecology. Trends in Ecology and Evolution, 2021, 36, 391-401.	4.2	75
11	Modeling spatially biased citizen science effort through the eBird database. Environmental and Ecological Statistics, 2021, 28, 609-630.	1.9	22
12	Is there tree senescence? The fecundity evidence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	42
13	Niche Shifts From Trees to Fecundity to Recruitment That Determine Species Response to Climate Change. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	14
14	Pervasive shifts in forest dynamics in a changing world. Science, 2020, 368, .	6.0	576
15	Understanding the continuous phenological development at daily time step with a Bayesian hierarchical space-time model: impacts of climate change and extreme weather events. Remote Sensing of Environment, 2020, 247, 111956.	4.6	26
16	The emergent interactions that govern biodiversity change. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17074-17083.	3.3	30
17	Where Resourceâ€Acquisitive Species Are Located: The Role of Habitat Heterogeneity. Geophysical Research Letters, 2020, 47, e2020GL087626.	1.5	8
18	Community Reorganization Response to Climate Change: Species Interactions, State-Space Modeling and Food Webs. , 2020, , .		0

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19	Microbial communities across nearshore to offshore coastal transects are primarily shaped by distance and temperature. Environmental Microbiology, 2019, 21, 3862-3872.	1.8	46
20	Foodwebs based on unreliable foundations: spatiotemporal masting merged with consumer movement, storage, and diet. Ecological Monographs, 2019, 89, e01381.	2.4	37
21	Low-intensity logging and hunting have long-term effects on seed dispersal but not fecundity in Afrotropical forests. AoB PLANTS, 2019, 11, ply074.	1.2	9
22	Total C and N Pools and Fluxes Vary with Time, Soil Temperature, and Moisture Along an Elevation, Precipitation, and Vegetation Gradient in Southern Appalachian Forests. Ecosystems, 2018, 21, 1623-1638.	1.6	21
23	Associations among arbuscular mycorrhizal fungi and seedlings are predicted to change with tree successional status. Ecology, 2018, 99, 607-620.	1.5	19
24	Leaf phenology paradox: Why warming matters most where it is already warm. Remote Sensing of Environment, 2018, 209, 446-455.	4.6	34
25	Dynamics of soil CO₂ efflux under varying atmospheric CO₂ concentrations reveal dominance of slow processes. Global Change Biology, 2017, 23, 3501-3512.	4.2	5
26	Joint Species Distribution Modeling: Dimension Reduction Using Dirichlet Processes. Bayesian Analysis, 2017, 12, .	1.6	30
27	Temporal coexistence mechanisms contribute to the latitudinal gradient in forest diversity. Nature, 2017, 550, 105-108.	13.7	106
28	Generalized joint attribute modeling for biodiversity analysis: medianâ€zero, multivariate, multifarious data. Ecological Monographs, 2017, 87, 34-56.	2.4	195
29	The ACER pollen and charcoal database: aÂglobal resource to document vegetation and fire response to abrupt climate changes during the last glacial period. Earth System Science Data, 2017, 9, 679-695.	3.7	38
30	Forest drought as an emerging research priority. Global Change Biology, 2016, 22, 2317-2317.	4.2	11
31	The impacts of increasing drought on forest dynamics, structure, and biodiversity in the United States. Global Change Biology, 2016, 22, 2329-2352.	4.2	428
32	Multiyear droughtâ€induced morbidity preceding tree death in southeastern U.S. forests. Ecological Applications, 2016, 26, 17-23.	1.8	112
33	Why species tell more about traits than traits about species: predictive analysis. Ecology, 2016, 97, 1979-1993.	1.5	51
34	Introduction to drought and US forests: Impacts and potential management responses. Forest Ecology and Management, 2016, 380, 296-298.	1.4	4
35	Divergent reproductive allocation tradeâ€offs with canopy exposure across tree species in temperate forests. Ecosphere, 2016, 7, e01313.	1.0	22
36	Modeling change in forest biomass across the eastern US. Environmental and Ecological Statistics, 2016, 23, 23-41.	1.9	4

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37	Effects of Model Formulation on Estimates of Health in Individual Right Whales (Eubalaena glacialis). Advances in Experimental Medicine and Biology, 2016, 875, 977-985.	0.8	3
38	Seed predation and climate impacts on reproductive variation in temperate forests of the southeastern USA. Oecologia, 2016, 180, 1223-1234.	0.9	16
39	Joint Modeling of Climate Niches for Adult and Juvenile Trees. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 111-130.	0.7	3
40	A state-space modeling approach to estimating canopy conductance and associated uncertainties from sap flux density data. Tree Physiology, 2015, 35, 792-802.	1.4	20
41	Prevalence and strength of densityâ€dependent tree recruitment. Ecology, 2015, 96, 2319-2327.	1.5	85
42	Stochastic Modeling for Velocity of Climate Change. Journal of Agricultural, Biological, and Environmental Statistics, 2015, 20, 323-342.	0.7	12
43	Tree phenology responses to winter chilling, spring warming, at north and south range limits. Functional Ecology, 2014, 28, 1344-1355.	1.7	71
44	Response of hydrology to climate change in the southern Appalachian Mountains using Bayesian inference. Hydrological Processes, 2014, 28, 1616-1626.	1.1	9
45	The seasonal timing of warming that controls onset of the growing season. Global Change Biology, 2014, 20, 1136-1145.	4.2	63
46	Competition-interaction landscapes for the joint response of forests to climate change. Global Change Biology, 2014, 20, 1979-1991.	4.2	81
47	More than the sum of the parts: forest climate response from joint species distribution models. Ecological Applications, 2014, 24, 990-999.	1.8	189
48	Process modeling for soil moisture using sensor network data. Statistical Methodology, 2014, 17, 99-112.	0.5	6
49	Dual impacts of climate change: forest migration and turnover through life history. Global Change Biology, 2014, 20, 251-264.	4.2	92
50	Dynamic Inverse Prediction and Sensitivity Analysis With High-Dimensional Responses: Application to Climate-Change Vulnerability of Biodiversity. Journal of Agricultural, Biological, and Environmental Statistics, 2013, 18, 376-404.	0.7	11
51	The effects of elevated CO2 and nitrogen fertilization on stomatal conductance estimated from 11 years of scaled sap flux measurements at Duke FACE. Tree Physiology, 2013, 33, 135-151.	1.4	54
52	The effects of deer herbivory and forest type on tree recruitment vary with plant growth stage. Forest Ecology and Management, 2013, 308, 90-100.	1.4	17
53	Pathogen regulation of plant diversity via effective specialization. Trends in Ecology and Evolution, 2013, 28, 705-711.	4.2	80
54	Hydraulic time constants for transpiration of loblolly pine at a free-air carbon dioxide enrichment site. Tree Physiology, 2013, 33, 123-134.	1.4	28

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55	Improving the Modeling of Disease Data from the Government Surveillance System: A Case Study on Malaria in the Brazilian Amazon. PLoS Computational Biology, 2013, 9, e1003312.	1.5	6
56	Estimating resource acquisition and atâ€sea body condition of a marine predator. Journal of Animal Ecology, 2013, 82, 1300-1315.	1.3	42
57	Modelling the biological significance of behavioural change in coastal bottlenose dolphins in response to disturbance. Functional Ecology, 2013, 27, 314-322.	1.7	89
58	Scaling Integral Projection Models for Analyzing Size Demography. Statistical Science, 2013, 28, .	1.6	11
59	Conservation Efforts May Increase Malaria Burden in the Brazilian Amazon. PLoS ONE, 2013, 8, e57519.	1.1	54
60	Using Hierarchical Bayes to Understand Movement, Health, and Survival in the Endangered North Atlantic Right Whale. PLoS ONE, 2013, 8, e64166.	1.1	49
61	Individual-scale inference to anticipate climate-change vulnerability of biodiversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 236-246.	1.8	48
62	Evaluating the impacts of multiple generalist fungal pathogens on temperate tree seedling survival. Ecology, 2012, 93, 511-520.	1.5	148
63	Multidimensional tradeâ€offs in species responses to disturbance: implications for diversity in a subtropical forest. Ecology, 2012, 93, 191-205.	1.5	82
64	Inference for Size Demography From Point Pattern Data Using Integral Projection Models. Journal of Agricultural, Biological, and Environmental Statistics, 2012, 17, 641-677.	0.7	25
65	Application of a Full Hierarchical Bayesian Model in Assessing Streamflow Response to a Climate Change Scenario at the Coweeta Basin, NC, USA. Journal of Resources and Ecology, 2012, 3, 118-128.	0.2	10
66	The coherence problem with the Unified Neutral Theory of Biodiversity. Trends in Ecology and Evolution, 2012, 27, 198-202.	4.2	77
67	The missing link: from island extinction to Neutral Theory (a reply to Halley and Iwasa). Trends in Ecology and Evolution, 2012, 27, 364.	4.2	1
68	Causes and consequences of unequal seedling production in forest trees: a case study in red oaks. Ecology, 2012, 93, 1082-1094.	1.5	30
69	Genetic evidence for hybridization in red oaks (Quercus sect. Lobatae, Fagaceae). American Journal of Botany, 2012, 99, 92-100.	0.8	64
70	Intraâ€and interspecific tree growth across a long altitudinal gradient in the Peruvian Andes. Ecology, 2012, 93, 2061-2072.	1.5	59
71	Between-Site Differences in the Scale of Dispersal and Gene Flow in Red Oak. PLoS ONE, 2012, 7, e36492.	1.1	39
72	Bayesian inference on ageâ€specific survival for censored and truncated data. Journal of Animal Ecology, 2012, 81, 139-149.	1.3	76

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73	Failure to migrate: lack of tree range expansion in response to climate change. Global Change Biology, 2012, 18, 1042-1052.	4.2	519
74	The kâ€ZIG: Flexible Modeling for Zeroâ€Inflated Counts. Biometrics, 2012, 68, 878-885.	0.8	14
75	The relative influences of host plant genotype and yearly abiotic variability in determining herbivore abundance. Oecologia, 2012, 168, 483-489.	0.9	17
76	Evidence from Individual Inference for High-Dimensional Coexistence: Long-Term Experiments on Recruitment Response. PLoS ONE, 2012, 7, e30050.	1.1	9
77	Individual-scale variation, species-scale differences: inference needed to understand diversity. Ecology Letters, 2011, 14, 1273-1287.	3.0	134
78	Coordinated approaches to quantify longâ€term ecosystem dynamics in response to global change. Global Change Biology, 2011, 17, 843-854.	4.2	165
79	Climate change vulnerability of forest biodiversity: climate and competition tracking of demographic rates. Global Change Biology, 2011, 17, 1834-1849.	4.2	164
80	Estimating seed and pollen movement in a monoecious plant: a hierarchical Bayesian approach integrating genetic and ecological data. Molecular Ecology, 2011, 20, 1248-1262.	2.0	71
81	Exploiting temporal coherence in forest dynamics simulation. , 2011, , .		1
82	Inferential ecosystem models, from network data to prediction. , 2011, 21, 1523-1536.		27
83	Ecological forecasting and data assimilation in a data-rich era. , 2011, 21, 1429-1442.		215
84	Enhanced Understanding of Infectious Diseases by Fusing Multiple Datasets: A Case Study on Malaria in the Western Brazilian Amazon Region. PLoS ONE, 2011, 6, e27462.	1.1	10
85	Individual variability in tree allometry determines light resource allocation in forest ecosystems: a hierarchical Bayesian approach. Oecologia, 2010, 163, 759-773.	0.9	64
86	Assimilating multi-source uncertainties of a parsimonious conceptual hydrological model using hierarchical Bayesian modeling. Journal of Hydrology, 2010, 394, 436-446.	2.3	30
87	Greater seed production in elevated CO₂ is not accompanied by reduced seed quality in Pinus taeda L.. Global Change Biology, 2010, 16, 1046-1056.	4.2	50
88	Highâ€dimensional coexistence based on individual variation: a synthesis of evidence. Ecological Monographs, 2010, 80, 569-608.	2.4	141
89	Individuals and the Variation Needed for High Species Diversity in Forest Trees. Science, 2010, 327, 1129-1132.	6.0	319
90	Inference in incidence, infection, and impact: co-infection of multiple hosts by multiple pathogens. Bayesian Analysis, 2009, 4, .	1.6	7

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91	Striking the right balance in right whale conservation. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 1399-1403.	0.7	21
92	Biases in the estimation of size-dependent mortality models: advantages of a semiparametric approach. Canadian Journal of Forest Research, 2009, 39, 1430-1443.	0.8	19
93	Overcoming data sparseness and parametric constraints in modeling of tree mortality: a new nonparametric Bayesian model. Canadian Journal of Forest Research, 2009, 39, 1677-1687.	0.8	25
94	Estimating colonization potential of migrant tree species. Global Change Biology, 2009, 15, 1173-1188.	4.2	50
95	Predicting population survival under future climate change: density dependence, drought and extraction in an insular bighorn sheep. Journal of Animal Ecology, 2009, 78, 666-673.	1.3	39
96	A Predictive Framework to Understand Forest Responses to Global Change. Annals of the New York Academy of Sciences, 2009, 1162, 221-236.	1.8	20
97	Beyond neutral science. Trends in Ecology and Evolution, 2009, 24, 8-15.	4.2	135
98	Accounting for uncertainty in ecological analysis: the strengths and limitations of hierarchical statistical modeling. Ecological Applications, 2009, 19, 553-570.	1.8	423
99	Tree growth inference and prediction when the point of measurement changes: modelling around buttresses in tropical forests. Journal of Tropical Ecology, 2009, 25, 1-12.	0.5	47
100	Understanding movement data and movement processes: current and emerging directions. Ecology Letters, 2008, 11, 1338-1350.	3.0	317
101	Inferring longâ€distance dispersal and topographic barriers during postâ€glacial colonization from the genetic structure of red maple (Acer rubrum L.) in New England. Journal of Biogeography, 2008, 35, 1665-1673.	1.4	18
102	Capturing diversity and interspecific variability in allometries: A hierarchical approach. Forest Ecology and Management, 2008, 256, 1939-1948.	1.4	71
103	EVALUATING THE SOURCES OF POTENTIAL MIGRANT SPECIES: IMPLICATIONS UNDER CLIMATE CHANGE. Ecological Applications, 2008, 18, 1664-1678.	1.8	48
104	CHANGING THE GAP DYNAMICS PARADIGM: VEGETATIVE REGENERATION CONTROL ON FOREST RESPONSE TO DISTURBANCE. Ecological Monographs, 2008, 78, 331-347.	2.4	160
105	BIOMASS AND TOXICITY RESPONSES OF POISON IVY (TOXICODENDRON RADICANS) TO ELEVATED ATMOSPHERIC CO₂: REPLY. Ecology, 2008, 89, 585-587.	1.5	2
106	Symposium 23. Toward Ecological Forecasting. Bulletin of the Ecological Society of America, 2008, 89, 467-474.	0.2	3
107	EXPLOITING TEMPORAL VARIABILITY TO UNDERSTAND TREE RECRUITMENT RESPONSE TO CLIMATE CHANGE. Ecological Monographs, 2007, 77, 163-177.	2.4	120
108	LONG-TERM CO2ENRICHMENT OF A FOREST ECOSYSTEM: IMPLICATIONS FOR FOREST REGENERATION AND SUCCESSION. , 2007, 17, 1198-1212.		64

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109	TREE GROWTH INFERENCE AND PREDICTION FROM DIAMETER CENSUSES AND RING WIDTHS. Ecological Applications, 2007, 17, 1942-1953.	1.8	78
110	Resolving the biodiversity paradox. Ecology Letters, 2007, 10, 647-659.	3.0	185
111		3.0	0
112	A scalable algorithm for dispersing population. Journal of Intelligent Information Systems, 2007, 29, 39-61.	2.8	10
113	Elevated CO2and tree fecundity: the role of tree size, interannual variability, and population heterogeneity. Global Change Biology, 2007, .	4.2	0
114	PREDICTING BIODIVERSITY CHANGE: OUTSIDE THE CLIMATE ENVELOPE, BEYOND THE SPECIESâ€“AREA CURVE. Ecology, 2006, 87, 1896-1906.	1.5	160
115	A future for models and data in environmental science. Trends in Ecology and Evolution, 2006, 21, 375-380.	4.2	175
116	The past 20 years of ecology and evolution. Trends in Ecology and Evolution, 2006, 21, 287.	4.2	3
117	The next 20 years of ecology and evolution. Trends in Ecology and Evolution, 2006, 21, 354-355.	4.2	3
118	Elevated CO2 and tree fecundity: the role of tree size, interannual variability, and population heterogeneity. Global Change Biology, 2006, 12, 822-833.	4.2	51
119	Biomass and toxicity responses of poison ivy (Toxicodendron radicans) to elevated atmospheric CO2. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9086-9089.	3.3	136
120	Model-Driven Dynamic Control of Embedded Wireless Sensor Networks. Lecture Notes in Computer Science, 2006, , 409-416.	1.0	7
121	Survival of tree seedlings across space and time: estimates from long-term count data. Journal of Ecology, 2005, 93, 1177-1184.	1.9	53
122	Does predation contribute to tree diversity?. Oecologia, 2005, 143, 458-469.	0.9	29
123	Tree growth prediction using size and exposed crown area. Canadian Journal of Forest Research, 2005, 35, 13-20.	0.8	69
124	HIERARCHICAL BAYES FOR STRUCTURED, VARIABLE POPULATIONS: FROM RECAPTURE DATA TO LIFE-HISTORY PREDICTION. Ecology, 2005, 86, 2232-2244.	1.5	83
125	The benefits of seed banking for red maple (Acer rubrum): maximizing seedling recruitment. Canadian Journal of Forest Research, 2005, 35, 806-813.	0.8	19
126	IMPLICATIONS OF SEED BANKING FOR RECRUITMENT OF SOUTHERN APPALACHIAN WOODY SPECIES. Ecology, 2005, 86, 85-95.	1.5	64

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127	MOLECULAR INDICATORS OF TREE MIGRATION CAPACITY UNDER RAPID CLIMATE CHANGE. Ecology, 2005, 86, 2088-2098.	1.5	502
128	A scalable simulator for forest dynamics. , 2004, , .		6
129	POPULATION TIME SERIES: PROCESS VARIABILITY, OBSERVATION ERRORS, MISSING VALUES, LAGS, AND HIDDEN STATES. Ecology, 2004, 85, 3140-3150.	1.5	286
130	Why environmental scientists are becoming Bayesians. Ecology Letters, 2004, 8, 2-14.	3.0	641
131	Genetic variation in germination, growth, and survivorship of red maple in response to subambient through elevated atmospheric CO2. Global Change Biology, 2004, 10, 233-247.	4.2	40
132	Charcoal production, dispersal, and deposition from the Fort Providence experimental fire: interpreting fire regimes from charcoal records in boreal forests. Canadian Journal of Forest Research, 2004, 34, 1642-1656.	0.8	225
133	Reconstructing historical ranges with fossil data at continental scales. Forest Ecology and Management, 2004, 197, 139-147.	1.4	82
134	FECUNDITY OF TREES AND THE COLONIZATIONâ€“COMPETITION HYPOTHESIS. Ecological Monographs, 2004, 74, 415-442.	2.4	152
135	The stability of forest biodiversity. Nature, 2004, 427, 696-697.	13.7	12
136	Stability of forest biodiversity. Nature, 2003, 423, 635-638.	13.7	170
137	Geographic and temporal variations in fire history in boreal ecosystems of Alaska. Journal of Geophysical Research, 2003, 108, FFR 8-1.	3.3	93
138	ESTIMATING POPULATION SPREAD: WHAT CAN WE FORECAST AND HOW WELL?. Ecology, 2003, 84, 1979-1988.	1.5	222
139	Effects of dispersal, shrubs, and density-dependent mortality on seed and seedling distributions in temperate forests. Canadian Journal of Forest Research, 2003, 33, 783-795.	0.8	62
140	SEEDLING SURVIVAL AND GROWTH OF THREE FOREST TREE SPECIES: THE ROLE OF SPATIAL HETEROGENEITY. Ecology, 2003, 84, 1849-1861.	1.5	209
141	UNCERTAINTY AND VARIABILITY IN DEMOGRAPHY AND POPULATION GROWTH: A HIERARCHICAL APPROACH. Ecology, 2003, 84, 1370-1381.	1.5	153
142	INCORPORATING MULTIPLE SOURCES OF STOCHASTICITY INTO DYNAMIC POPULATION MODELS. Ecology, 2003, 84, 1395-1402.	1.5	142
143	COEXISTENCE: HOW TO IDENTIFY TROPHIC TRADE-OFFS. Ecology, 2003, 84, 17-31.	1.5	95
144	Uncertainty in Ecological Inference and Forecasting1. Ecology, 2003, 84, 1349-1350.	1.5	19

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145	SEEDLING SURVIVAL AND GROWTH OF THREE FOREST TREE SPECIES: THE ROLE OF SPATIAL HETEROGENEITY. , 2003, 84, 1849.		1
146	The relationship between growth and mortality for seven co-occurring tree species in the southern Appalachian Mountains. Journal of Ecology, 2002, 90, 604-615.	1.9	170
147	Density-dependent mortality and the latitudinal gradient in species diversity. Nature, 2002, 417, 732-735.	13.7	292
148	Statistical modeling of seedling mortality. Journal of Agricultural, Biological, and Environmental Statistics, 2002, 7, 21-41.	0.7	14
149	Ecological Forecasts: An Emerging Imperative. Science, 2001, 293, 657-660.	6.0	774
150	EFFECTS OF HOLOCENE CLIMATE CHANGE ON THE C4GRASSLAND/WOODLAND BOUNDARY IN THE NORTHERN PLAINS, USA. Ecology, 2001, 82, 620-636.	1.5	41
151	Effects of Holocene Climate Change on the C 4 Grassland/Woodland Boundary in the Northern Plains, USA. Ecology, 2001, 82, 620.	1.5	96
152	Changes in Biomass, Aboveground Net Primary Production, and Peat Accumulation following Permafrost Thaw in the Boreal Peatlands of Manitoba, Canada. Ecosystems, 2001, 4, 461-478.	1.6	129
153	Invasion by Extremes: Population Spread with Variation in Dispersal and Reproduction. American Naturalist, 2001, 157, 537-554.	1.0	363
154	Rising CO2 Levels and the Fecundity of Forest Trees. Science, 2001, 292, 95-98.	6.0	169
155	Long-term Perspectives on Lagged Ecosystem Responses to Climate Change: Permafrost in Boreal Peatlands and the Grassland/Woodland Boundary. Ecosystems, 2000, 3, 534-544.	1.6	78
156	Predicting tree mortality from diameter growth: a comparison of maximum likelihood and Bayesian approaches. Canadian Journal of Forest Research, 2000, 30, 156-167.	0.8	93
157	Biological indices of soil quality: an ecosystem case study of their use. Forest Ecology and Management, 2000, 138, 357-368.	1.4	169
158	A long-term study of tree seedling recruitment in southern Appalachian forests: the effects of canopy gaps and shrub understories. Canadian Journal of Forest Research, 2000, 30, 1617-1631.	0.8	174
159	SEED DISPERSAL NEAR AND FAR: PATTERNS ACROSS TEMPERATE AND TROPICAL FORESTS. Ecology, 1999, 80, 1475-1494.	1.5	725
160	SEED DISPERSAL NEAR AND FAR: PATTERNS ACROSS TEMPERATE AND TROPICAL FORESTS. , 1999, 80, 1475.		45
161	Effects of climate and atmospheric CO 2 partial pressure on the global distribution of C 4 grasses: present, past, and future. Oecologia, 1998, 114, 441-454.	0.9	468
162	Reid's Paradox of Rapid Plant Migration. BioScience, 1998, 48, 13-24.	2.2	646

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163	STAGES AND SPATIAL SCALES OF RECRUITMENT LIMITATION IN SOUTHERN APPALACHIAN FORESTS. Ecological Monographs, 1998, 68, 213-235.	2.4	485
164	Relationships between charcoal particles in air and sediments in west-central Siberia. Holocene, 1998, 8, 19-29.	0.9	245
165	STAGES AND SPATIAL SCALES OF RECRUITMENT LIMITATION IN SOUTHERN APPALACHIAN FORESTS. , 1998, 68, 213.		17
166	Facing Short-Term Extrapolation with Long-Term Evidence: Holocene Fire in the North-Eastern US Forests. Journal of Ecology, 1997, 85, 377.	1.9	16
167	The Role of Fire During Climate Change in an Eastern Deciduous Forest at Devil's Bathtub, New York. Ecology, 1996, 77, 2148-2166.	1.5	133
168	Testing Disturbance Theory with Long-Term Data: Alternative Life-History Solutions to the Distribution of Events. American Naturalist, 1996, 148, 976-996.	1.0	50
169	Presettlement analogs for Quaternary fire regimes in eastern North America. Journal of Paleolimnology, 1996, 16, 79.	0.8	19
170	Climate implications of biomass burning since the 19th century in eastern North America. Global Change Biology, 1996, 2, 433-442.	4.2	37
171	Estimating the mass flux of charcoal from sedimentary records: effects of particle size, morphology, and orientation. Holocene, 1996, 6, 129-144.	0.9	90
172	Local and Regional Sediment Charcoal Evidence for Fire Regimes in Presettlement North-Eastern North America. Journal of Ecology, 1996, 84, 365.	1.9	178
173	Fecundity and Dispersal in Plant Populations: Implications for Structure and Diversity. American Naturalist, 1995, 146, 72-111.	1.0	72
174	Particle-Size Evidence for Source Areas of Charcoal Accumulation in Late Holocene Sediments of Eastern North American Lakes. Quaternary Research, 1995, 43, 80-89.	1.0	158
175	Density-independent mortality, density compensation, gap formation, and self-thinning in plant populations. Theoretical Population Biology, 1992, 42, 172-198.	0.5	23
176	Disturbance and Tree Life History on the Shifting Mosaic Landscape. Ecology, 1991, 72, 1102-1118.	1.5	91
177	Disturbance and Population Structure on the Shifting Mosaic Landscape. Ecology, 1991, 72, 1119-1137.	1.5	61
178	Forest-Tree Growth Rates and Probability of Gap Origin: A Comment. Ecology, 1991, 72, 1166-1169.	1.5	2
179	Fire and Climate Change During the Last 750 Yr in Northwestern Minnesota. Ecological Monographs, 1990, 60, 135-159.	2.4	340
180	Landscape interactions among nitrogen mineralization, species composition, and long-term fire frequency. Biogeochemistry, 1990, 11, 1.	1.7	32

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181	Integration of Ecological Levels: Individual Plant Growth, Population Mortality and Ecosystem Processes. Journal of Ecology, 1990, 78, 275.	1.9	51
182	Effect of climate change on fire regimes in northwestern Minnesota. Nature, 1988, 334, 233-235.	13.7	260
183	Particle Motion and the Theory of Charcoal Analysis: Source Area, Transport, Deposition, and Sampling. Quaternary Research, 1988, 30, 67-80.	1.0	650
184	Stratigraphic Charcoal Analysis on Petrographic Thin Sections: Application to Fire History in Northwestern Minnesota. Quaternary Research, 1988, 30, 81-91.	1.0	238
185	Coastal Forest Tree Populations in a Changing Environment, Southeastern Long Island, New York. Ecological Monographs, 1986, 56, 259-277.	2.4	58
186	Dynamism in the Barrierâ€Beach Vegetation of Great South Beach, New York. Ecological Monographs, 1986, 56, 97-126.	2.4	42
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188	Multi-year drought-induced morbidity preceding tree death in Southeastern US forests. , 0, , 150731093536001.		4