

# Stephen Carpenter

## List of Publications by Year in descending order

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282  
papers

91,217  
citations

2696

98  
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691

261  
g-index

284  
all docs

284  
docs citations

284  
times ranked

74411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resilience of phytoplankton dynamics to trophic cascades and nutrient enrichment. <i>Limnology and Oceanography</i> , 2022, 67, .	1.6	6
2	Governance in the Face of Extreme Events: Lessons from Evolutionary Processes for Structuring Interventions, and the Need to Go Beyond. <i>Ecosystems</i> , 2022, 25, 697-711.	1.6	18
3	Estimating pelagic primary production in lakes: Comparison of 14 C incubation and freeâ€water O 2 approaches. <i>Limnology and Oceanography: Methods</i> , 2022, 20, 34-45.	1.0	5
4	Earth stewardship: Shaping a sustainable future through interacting policy and norm shifts. <i>Ambio</i> , 2022, 51, 1907-1920.	2.8	23
5	Evaluating the performance of temporal and spatial early warning statistics of algal blooms. <i>Ecological Applications</i> , 2022, 32, e2616.	1.8	2
6	Climate and food web effects on the spring clearâ€water phase in two northâ€temperate eutrophic lakes. <i>Limnology and Oceanography</i> , 2021, 66, 30-46.	1.6	17
7	Coupled human and natural systems: The evolution and applications of an integrated framework. <i>Ambio</i> , 2021, 50, 1778-1783.	2.8	38
8	Resilience: Now more than ever. <i>Ambio</i> , 2021, 50, 1774-1777.	2.8	30
9	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021, 50, 834-869.	2.8	275
10	Phytoplankton biomass, dissolved organic matter, and temperature drive respiration in whole lake nutrient additions. <i>Limnology and Oceanography</i> , 2021, 66, 2174-2186.	1.6	3
11	Resilience: insights from the U.S. LongTerm Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03434.	1.0	11
12	Exit time as a measure of ecological resilience. <i>Science</i> , 2021, 372, .	6.0	55
13	Human impacts on planetary boundaries amplified by Earth system interactions. <i>Nature Sustainability</i> , 2020, 3, 119-128.	11.5	217
14	Navigating the chaos of an unfolding global cycle. <i>Ecology and Society</i> , 2020, 25, .	1.0	21
15	Corridors of Clarity: Four Principles to Overcome Uncertainty Paralysis in the Anthropocene. <i>BioScience</i> , 2020, 70, 1139-1144.	2.2	14
16	Spatial and temporal variability of future ecosystem services in an agricultural landscape. <i>Landscape Ecology</i> , 2020, 35, 2569-2586.	1.9	17
17	Social dimensions of fertility behavior and consumption patterns in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6300-6307.	3.3	33
18	An invitation for more research on transnational corporations and the biosphere. <i>Nature Ecology and Evolution</i> , 2020, 4, 494-494.	3.4	9

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19	Stochastic dynamics of Cyanobacteria in long-term high-frequency observations of a eutrophic lake. <i>Limnology and Oceanography Letters</i> , 2020, 5, 331-336.	1.6	22
20	Climate change, ecosystems and abrupt change: science priorities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190105.	1.8	169
21	Principles for knowledge co-production in sustainability research. <i>Nature Sustainability</i> , 2020, 3, 182-190.	11.5	697
22	Long-term studies and reproducibility: Lessons from whole-lake experiments. <i>Limnology and Oceanography</i> , 2019, 64, S22.	1.6	10
23	2020 Joint ASLO&SFS Meeting in Madison, Wisconsin. <i>Limnology and Oceanography Bulletin</i> , 2019, 28, 112-112.	0.2	0
24	Comparing the effects of climate and land use on surface water quality using future watershed scenarios. <i>Science of the Total Environment</i> , 2019, 693, 133484.	3.9	20
25	Dancing on the volcano: social exploration in times of discontent. <i>Ecology and Society</i> , 2019, 24, .	1.0	33
26	Variation in Bluegill Catch Rates and Total Length Distributions among Four Sampling Gears Used in Two Wisconsin Lakes Dominated by Small Fish. <i>North American Journal of Fisheries Management</i> , 2019, 39, 714-724.	0.5	5
27	Water clarity and temperature effects on walleye safe harvest: an empirical test of the safe operating space concept. <i>Ecosphere</i> , 2019, 10, e02737.	1.0	30
28	Governing the recreational dimension of global fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5209-5213.	3.3	171
29	Role of economics in analyzing the environment and sustainable development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5233-5238.	3.3	128
30	Production dynamics reveal hidden overharvest of inland recreational fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24676-24681.	3.3	65
31	Anatomy and resilience of the global production ecosystem. <i>Nature</i> , 2019, 575, 98-108.	13.7	203
32	Transnational corporations and the challenge of biosphere stewardship. <i>Nature Ecology and Evolution</i> , 2019, 3, 1396-1403.	3.4	194
33	Inferring critical transitions in paleoecological time series with irregular sampling and variable time-averaging. <i>Quaternary Science Reviews</i> , 2019, 207, 49-63.	1.4	10
34	Understanding relationships among ecosystem services across spatial scales and over time. <i>Environmental Research Letters</i> , 2018, 13, 054020.	2.2	76
35	Extreme precipitation and phosphorus loads from two agricultural watersheds. <i>Limnology and Oceanography</i> , 2018, 63, 1221-1233.	1.6	84
36	Scenarios reveal pathways to sustain future ecosystem services in an agricultural landscape. <i>Ecological Applications</i> , 2018, 28, 119-134.	1.8	34

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37	Can we detect ecosystem critical transitions and signals of changing resilience from paleoecological records?. <i>Ecosphere</i> , 2018, 9, e02438.	1.0	25
38	Synthesis of a 33-yr series of whole-lake experiments: Effects of nutrients, grazers, and precipitation-driven water color on chlorophyll. <i>Limnology and Oceanography Letters</i> , 2018, 3, 419-427.	1.6	14
39	A modeling analysis of spatial statistical indicators of thresholds for algal blooms. <i>Limnology and Oceanography Letters</i> , 2018, 3, 384-392.	1.6	12
40	Abrupt Change in Ecological Systems: Inference and Diagnosis. <i>Trends in Ecology and Evolution</i> , 2018, 33, 513-526.	4.2	178
41	The synergistic effect of manure supply and extreme precipitation on surface water quality. <i>Environmental Research Letters</i> , 2018, 13, 044016.	2.2	32
42	Continuous separation of land use and climate effects on the past and future water balance. <i>Journal of Hydrology</i> , 2018, 565, 106-122.	2.3	30
43	Early warning signals precede cyanobacterial blooms in multiple whole-lake experiments. <i>Ecological Monographs</i> , 2018, 88, 188-203.	2.4	54
44	Biodiversity and ecosystem services require IPBES to take novel approach to scenarios. <i>Sustainability Science</i> , 2017, 12, 177-181.	2.5	104
45	Response to the Letter, Nitrogen is Not a "House of Cards": <i>Environmental Science &amp; Technology</i> , 2017, 51, 1943-1943.	4.6	6
46	The Influence of Legacy P on Lake Water Quality in a Midwestern Agricultural Watershed. <i>Ecosystems</i> , 2017, 20, 1468-1482.	1.6	60
47	The consistency of a species' response to press perturbations with high food web uncertainty. <i>Ecology</i> , 2017, 98, 1859-1868.	1.5	8
48	The effects of experimental whole-lake mixing on horizontal spatial patterns of fish and Zooplankton. <i>Aquatic Sciences</i> , 2017, 79, 543-556.	0.6	7
49	Defining a Safe Operating Space for inland recreational fisheries. <i>Fish and Fisheries</i> , 2017, 18, 1150-1160.	2.7	95
50	Extreme events in lake ecosystem time series. <i>Limnology and Oceanography Letters</i> , 2017, 2, 63-69.	1.6	27
51	Reversal of a cyanobacterial bloom in response to early warnings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 352-357.	3.3	79
52	Spatial early warning signals in a lake manipulation. <i>Ecosphere</i> , 2017, 8, e01941.	1.0	35
53	Ecosystem Modeling for the 21st Century. <i>Ecosystems</i> , 2017, 20, 211-214.	1.6	12
54	Twenty Years of Ecosystems: Emerging Questions and Challenges. <i>Ecosystems</i> , 2017, 20, 1-3.	1.6	20

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55	LAGOS-NE: a multi-scaled geospatial and temporal database of lake ecological context and water quality for thousands of US lakes. <i>GigaScience</i> , 2017, 6, 1-22.	3.3	102
56	Local perspectives and global archetypes in scenario development. <i>Ecology and Society</i> , 2016, 21, .	1.0	18
57	Response of plankton to nutrients, planktivory and terrestrial organic matter: a model analysis of whole-lake experiments. <i>Ecology Letters</i> , 2016, 19, 230-239.	3.0	41
58	Bright spots: seeds of a good Anthropocene. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 441-448.	1.9	414
59	Social norms as solutions. <i>Science</i> , 2016, 354, 42-43.	6.0	476
60	Reducing Phosphorus to Curb Lake Eutrophication is a Success. <i>Environmental Science &amp; Technology</i> , 2016, 50, 8923-8929.	4.6	761
61	From qualitative to quantitative environmental scenarios: Translating storylines into biophysical modeling inputs at the watershed scale. <i>Environmental Modelling and Software</i> , 2016, 85, 80-97.	1.9	44
62	Invasive species triggers a massive loss of ecosystem services through a trophic cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4081-4085.	3.3	361
63	What is the influence of a reduction of planktivorous and benthivorous fish on water quality in temperate eutrophic lakes? A systematic review. <i>Environmental Evidence</i> , 2015, 4, .	1.1	69
64	Altered energy flow in the food web of an experimentally darkened lake. <i>Ecosphere</i> , 2015, 6, 1-23.	1.0	24
65	10 Years Later. <i>Advances in Ecological Research</i> , 2015, 53, 1-53.	1.4	43
66	Plausible futures of a social-ecological system: Yahara watershed, Wisconsin, USA. <i>Ecology and Society</i> , 2015, 20, .	1.0	70
67	Learning to Manage and Managing to Learn: Sustaining Freshwater Recreational Fisheries in a Changing Environment. <i>Fisheries</i> , 2015, 40, 56-64.	0.6	70
68	Planetary boundaries: Guiding human development on a changing planet. <i>Science</i> , 2015, 347, 1259855.	6.0	7,124
69	Extreme daily loads: role in annual phosphorus input to a north temperate lake. <i>Aquatic Sciences</i> , 2015, 77, 71-79.	0.6	63
70	Advancing sustainability through mainstreaming a social-ecological systems perspective. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 144-149.	3.1	274
71	Progress on Nonpoint Pollution: Barriers & Opportunities. <i>Daedalus</i> , 2015, 144, 35-47.	0.9	63
72	Predicting walleye recruitment as a tool for prioritizing management actions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 661-672.	0.7	66

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73	Creating a safe operating space for iconic ecosystems. <i>Science</i> , 2015, 347, 1317-1319.	6.0	202
74	With and without warning: managing ecosystems in a changing world. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 460-467.	1.9	66
75	Generic Indicators of Ecological Resilience: Inferring the Chance of a Critical Transition. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 145-167.	3.8	339
76	Allowing variance may enlarge the safe operating space for exploited ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14384-14389.	3.3	104
77	Resilience indicators: prospects and limitations for early warnings of regime shifts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130263.	1.8	349
78	Integrating Landscape Carbon Cycling: Research Needs for Resolving Organic Carbon Budgets of Lakes. <i>Ecosystems</i> , 2015, 18, 363-375.	1.6	81
79	Water quality implications from three decades of phosphorus loads and trophic dynamics in the Yahara chain of lakes. <i>Inland Waters</i> , 2014, 4, 1-14.	1.1	44
80	Early Warning Signals of Ecological Transitions: Methods for Spatial Patterns. <i>PLoS ONE</i> , 2014, 9, e92097.	1.1	286
81	Regime Shift in Fertilizer Commodities Indicates More Turbulence Ahead for Food Security. <i>PLoS ONE</i> , 2014, 9, e93998.	1.1	51
82	Drought-driven lake level decline: effects on coarse woody habitat and fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 315-325.	0.7	78
83	Early warnings of regime shifts: evaluation of spatial indicators from a whole-ecosystem experiment. <i>Ecosphere</i> , 2014, 5, 1-13.	1.0	35
84	A new approach for rapid detection of nearby thresholds in ecosystem time series. <i>Oikos</i> , 2014, 123, 290-297.	1.2	35
85	Phosphorus loading, transport and concentrations in a lake chain: a probabilistic model to compare management options. <i>Aquatic Sciences</i> , 2014, 76, 145-154.	0.6	22
86	A Morphometric Approach for Stocking Walleye Fingerlings in Lakes Invaded by Rainbow Smelt. <i>North American Journal of Fisheries Management</i> , 2014, 34, 998-1002.	0.5	3
87	Climate engineering reconsidered. <i>Nature Climate Change</i> , 2014, 4, 527-529.	8.1	63
88	Use of deep autochthonous resources by zooplankton: Results of a metalimnetic addition of $13^{\circ}\text{C}$ to a small lake. <i>Limnology and Oceanography</i> , 2014, 59, 986-996.	1.6	14
89	What is the influence on water quality in temperate eutrophic lakes of a reduction of planktivorous and benthivorous fish? A systematic review protocol. <i>Environmental Evidence</i> , 2013, 2, .	1.1	12
90	Evidence of alternate attractors from a whole-ecosystem regime shift experiment. <i>Theoretical Ecology</i> , 2013, 6, 385-394.	0.4	33

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91	Catch and Release Rates of Sport Fishes in Northern Wisconsin from an Angler Diary Survey. North American Journal of Fisheries Management, 2013, 33, 606-614.	0.5	59
92	Multiscale regime shifts and planetary boundaries. Trends in Ecology and Evolution, 2013, 28, 389-395.	4.2	243
93	Asymmetric response of early warning indicators of phytoplankton transition to and from cycles. Theoretical Ecology, 2013, 6, 285-293.	0.4	26
94	Are rapid transitions between invasive and native species caused by alternative stable states, and does it matter?. Ecology, 2013, 94, 2207-2219.	1.5	47
95	Influences of local weather, large-scale climatic drivers, and the ca. 11-year solar cycle on lake ice breakup dates; 1905-2004. Climatic Change, 2013, 118, 857-870.	1.7	28
96	Food web consequences of long-term invasive crayfish control. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 1109-1122.	0.7	75
97	Terrestrial support of pelagic consumers: patterns and variability revealed by a multilake study. Freshwater Biology, 2013, 58, 2037-2049.	1.2	74
98	Zooplankton provide early warnings of a regime shift in a whole lake manipulation. Limnology and Oceanography, 2013, 58, 525-532.	1.6	37
99	Spatial signatures of resilience. Nature, 2013, 496, 308-309.	13.7	22
100	Changes in ecosystem resilience detected in automated measures of ecosystem metabolism during a whole-lake manipulation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17398-17403.	3.3	59
101	The topology of non-linear global carbon dynamics: from tipping points to planetary boundaries. Environmental Research Letters, 2013, 8, 044048.	2.2	45
102	Embodied phosphorus and the global connections of United States agriculture. Environmental Research Letters, 2012, 7, 044024.	2.2	62
103	Spatial heterogeneity strongly affects estimates of ecosystem metabolism in two north temperate lakes. Limnology and Oceanography, 2012, 57, 1689-1700.	1.6	77
104	Resources supporting the food web of a naturally productive lake. Limnology and Oceanography, 2012, 57, 1443-1452.	1.6	30
105	Free-water lake metabolism: addressing noisy time series with a Kalman filter. Limnology and Oceanography: Methods, 2012, 10, 20-30.	1.0	32
106	Conditional Heteroskedasticity Forecasts Regime Shift in a Whole-Ecosystem Experiment. Ecosystems, 2012, 15, 741-747.	1.6	40
107	Anticipating Critical Transitions. Science, 2012, 338, 344-348.	6.0	1,607
108	Program on ecosystem change and society: an international research strategy for integrated social-ecological systems. Current Opinion in Environmental Sustainability, 2012, 4, 134-138.	3.1	89

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109	Interpolating and forecasting lake characteristics using long-term monitoring data. <i>Limnology and Oceanography</i> , 2012, 57, 1113-1125.	1.6	8
110	Early Warnings of Regime Shift When the Ecosystem Structure Is Unknown. <i>PLoS ONE</i> , 2012, 7, e45586.	1.1	38
111	Drivers, "Slow" Variables, "Fast" Variables, Shocks, and Resilience. <i>Ecology and Society</i> , 2012, 17, .	1.0	164
112	General Resilience to Cope with Extreme Events. <i>Sustainability</i> , 2012, 4, 3248-3259.	1.6	268
113	Assessing a decade of phosphorus management in the Lake Mendota, Wisconsin watershed and scenarios for enhanced phosphorus management. <i>Aquatic Sciences</i> , 2012, 74, 241-253.	0.6	23
114	Whole-lake addition of coarse woody habitat: response of fish populations. <i>Aquatic Sciences</i> , 2012, 74, 255-266.	0.6	37
115	Methods for Detecting Early Warnings of Critical Transitions in Time Series Illustrated Using Simulated Ecological Data. <i>PLoS ONE</i> , 2012, 7, e41010.	1.1	638
116	Coarse Woody Habitat, Lakeshore Residential Development, and Largemouth Bass Nesting Behavior. <i>North American Journal of Fisheries Management</i> , 2011, 31, 666-670.	0.5	30
117	Strong evidence for terrestrial support of zooplankton in small lakes based on stable isotopes of carbon, nitrogen, and hydrogen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1975-1980.	3.3	291
118	Rates and components of carbon turnover in fish muscle: insights from bioenergetics models and a whole-lake <sup>13</sup> C addition. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 387-399.	0.7	122
119	Solutions for a cultivated planet. <i>Nature</i> , 2011, 478, 337-342.	13.7	5,821
120	State of the World's Freshwater Ecosystems: Physical, Chemical, and Biological Changes. <i>Annual Review of Environment and Resources</i> , 2011, 36, 75-99.	5.6	705
121	Decision-making under great uncertainty: environmental management in an era of global change. <i>Trends in Ecology and Evolution</i> , 2011, 26, 398-404.	4.2	446
122	Integrating aquatic and terrestrial components to construct a complete carbon budget for a north temperate lake district. <i>Global Change Biology</i> , 2011, 17, 1193-1211.	4.2	151
123	Lakeshore residential development and growth of largemouth bass ( <i>Micropterus salmoides</i> ): a cross-lakes comparison. <i>Ecology of Freshwater Fish</i> , 2011, 20, 92-101.	0.7	31
124	Trophic Downgrading of Planet Earth. <i>Science</i> , 2011, 333, 301-306.	6.0	3,030
125	Reconnecting to the Biosphere. <i>Ambio</i> , 2011, 40, 719-38.	2.8	420
126	Reconsideration of the planetary boundary for phosphorus. <i>Environmental Research Letters</i> , 2011, 6, 014009.	2.2	307



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127	Conditional Heteroscedasticity as a Leading Indicator of Ecological Regime Shifts. <i>American Naturalist</i> , 2011, 178, 442-451.	1.0	70
128	Early Warnings of Regime Shifts: A Whole-Ecosystem Experiment. <i>Science</i> , 2011, 332, 1079-1082.	6.0	723
129	Early warnings of unknown nonlinear shifts: a nonparametric approach. <i>Ecology</i> , 2011, 92, 2196-2201.	1.5	50
130	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model. <i>Ecology</i> , 2011, 92, 1115-1125.	1.5	37
131	Preparing for the future: teaching scenario planning at the graduate level. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 267-273.	1.9	35
132	Trading carbon for food: Global comparison of carbon stocks vs. crop yields on agricultural land. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19645-19648.	3.3	276
133	Interacting regime shifts in ecosystems: implication for early warnings. <i>Ecological Monographs</i> , 2010, 80, 353-367.	2.4	85
134	Filling holes in regional carbon budgets: Predicting peat depth in a north temperate lake district. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	33
135	Ecosystem stewardship: sustainability strategies for a rapidly changing planet. <i>Trends in Ecology and Evolution</i> , 2010, 25, 241-249.	4.2	744
136	Early warnings of regime shifts in spatial dynamics using the discrete Fourier transform. <i>Ecosphere</i> , 2010, 1, 1-15.	1.0	50
137	Resilience Thinking: Integrating Resilience, Adaptability and Transformability. <i>Ecology and Society</i> , 2010, 15, .	1.0	2,469
138	AskÅ¶ 1995: Commentary by Stephen Carpenter. , 2010, , 77-81.		0
139	AskÅ¶ 2002: Commentary by Stephen Carpenter. , 2010, , 217-220.		0
140	Resilience: Accounting for the Noncomputable. <i>Ecology and Society</i> , 2009, 14, .	1.0	86
141	Turning back from the brink: Detecting an impending regime shift in time to avert it. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 826-831.	3.3	587
142	Leading indicators of phytoplankton transitions caused by resource competition. <i>Theoretical Ecology</i> , 2009, 2, 139-148.	0.4	17
143	Phosphorus sources and demand during summer in a eutrophic lake. <i>Aquatic Sciences</i> , 2009, 71, 214-227.	0.6	27
144	Early-warning signals for critical transitions. <i>Nature</i> , 2009, 461, 53-59.	13.7	3,286

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145	Science for managing ecosystem services: Beyond the Millennium Ecosystem Assessment. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1305-1312.	3.3	1,736
146	Climate change and lakes: Estimating sensitivities of water and carbon budgets. Journal of Geophysical Research, 2009, 114, .	3.3	16
147	Spurious Certainty: How Ignoring Measurement Error and Environmental Heterogeneity May Contribute to Environmental Controversies. BioScience, 2009, 59, 65-76.	2.2	32
148	Estimates of phosphorus entrainment in Lake Mendota: a comparison of one-dimensional and three-dimensional approaches. Limnology and Oceanography: Methods, 2009, 7, 553-567.	1.0	15
149	Leading indicators of trophic cascades. Ecology Letters, 2008, 11, 128-138.	3.0	157
150	Support of benthic invertebrates by detrital resources and current autochthonous primary production: results from a whole-lake <sup>13</sup> C addition. Freshwater Biology, 2008, 53, 42-54.	1.2	38
151	Estimating the Risk of Exceeding Thresholds in Environmental Systems. Water, Air, and Soil Pollution, 2008, 191, 131-138.	1.1	5
152	Airborne carbon deposition on a remote forested lake. Aquatic Sciences, 2008, 70, 213-224.	0.6	24
153	Carbon sources supporting fish growth in a north temperate lake. Aquatic Sciences, 2008, 70, 446-458.	0.6	41
154	Probabilistic Estimate of a Threshold for Eutrophication. Ecosystems, 2008, 11, 601-613.	1.6	73
155	Long-term variation in isotopic baselines and implications for estimating consumer trophic niches. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2191-2200.	0.7	24
156	Phosphorus control is critical to mitigating eutrophication. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11039-11040.	3.3	542
157	Zooplankton and the total phosphorus - chlorophyll a relationship: hierarchical Bayesian analysis of measurement error. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2644-2655.	0.7	21
158	Evaluation of metabolism models for free-water dissolved oxygen methods in lakes. Limnology and Oceanography: Methods, 2008, 6, 454-465.	1.0	104
159	G. EVELYN HUTCHINSON AWARD TO MICHAEL PACE. Limnology and Oceanography Bulletin, 2008, 17, 111-111.	0.2	0
160	Coupled Human and Natural Systems. Ambio, 2007, 36, 639-649.	2.8	601
161	Does terrestrial organic carbon subsidize the planktonic food web in a clear-water lake?. Limnology and Oceanography, 2007, 52, 2177-2189.	1.6	128
162	Assessing pelagic and benthic metabolism using free water measurements. Limnology and Oceanography: Methods, 2007, 5, 145-155.	1.0	135

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163	Panaceas and diversification of environmental policy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15206-15211.	3.3	102
164	Stability and Diversity of Ecosystems. Science, 2007, 317, 58-62.	6.0	1,193
165	Complexity of Coupled Human and Natural Systems. Science, 2007, 317, 1513-1516.	6.0	2,705
166	Understanding Regional Change: A Comparison of Two Lake Districts. BioScience, 2007, 57, 323-335.	2.2	129
167	Carbon and water cycling in lake-rich landscapes: Landscape connections, lake hydrology, and biogeochemistry. Journal of Geophysical Research, 2007, 112, .	3.3	42
168	Small lakes dominate a random sample of regional lake characteristics. Freshwater Biology, 2007, 52, 814-822.	1.2	107
169	Appropriate discounting leads to forward-looking ecosystem management. Ecological Research, 2007, 22, 10-11.	0.7	16
170	Sources and fates of dissolved organic carbon in lakes as determined by whole-lake carbon isotope additions. Biogeochemistry, 2007, 84, 115-129.	1.7	80
171	A Decade of Ecosystems. Ecosystems, 2007, 10, 519-522.	1.6	6
172	Ecology for transformation. Trends in Ecology and Evolution, 2006, 21, 309-315.	4.2	185
173	Scenarios for Ecosystem Services: An Overview. Ecology and Society, 2006, 11, .	1.0	245
174	Variance as a Leading Indicator of Regime Shift in Ecosystem Services. Ecology and Society, 2006, 11, .	1.0	93
175	Fish Community and Food Web Responses to a Whole-lake Removal of Coarse Woody Habitat. Fisheries, 2006, 31, 321-330.	0.6	120
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