

Ethan R Deyle

List of Publications by Citations

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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.

24
papers

2,359
citations

14
h-index

28
g-index

28
ext. papers

3,191
ext. citations

10.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
24	Detecting causality in complex ecosystems. <i>Science</i> , 2012 , 338, 496-500	33.3	997
23	Generalized theorems for nonlinear state space reconstruction. <i>PLoS ONE</i> , 2011 , 6, e18295	3.7	172
22	Global environmental drivers of influenza. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13081-13086	11.5	156
21	Inferring causation from time series in Earth system sciences. <i>Nature Communications</i> , 2019 , 10, 2553	17.4	153
20	Distinguishing time-delayed causal interactions using convergent cross mapping. <i>Scientific Reports</i> , 2015 , 5, 14750	4.9	152
19	Predicting climate effects on Pacific sardine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6430-5	11.5	128
18	Spatial convergent cross mapping to detect causal relationships from short time series. <i>Ecology</i> , 2015 , 96, 1174-81	4.6	119
17	Tracking and forecasting ecosystem interactions in real time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	106
16	Fluctuating interaction network and time-varying stability of a natural fish community. <i>Nature</i> , 2018 , 554, 360-363	50.4	102
15	Causal feedbacks in climate change. <i>Nature Climate Change</i> , 2015 , 5, 445-448	21.4	79
14	Dynamical evidence for causality between galactic cosmic rays and interannual variation in global temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3253-6	11.5	55
13	Predicting coastal algal blooms in southern California. <i>Ecology</i> , 2017 , 98, 1419-1433	4.6	43
12	Are exploited fish populations stable?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E1224-5; author reply E1226	11.5	26
11	Modeling dynamic interactions and coherence between marine zooplankton and fishes linked to environmental variability. <i>Journal of Marine Systems</i> , 2014 , 131, 120-129	2.7	22
10	Non-linearity in stock-recruitment relationships of Atlantic cod: insights from a multi-model approach. <i>ICES Journal of Marine Science</i> , 2020 , 77, 1492-1502	2.7	11
9	Reply to Baskerville and Cobey: Misconceptions about causation with synchrony and seasonal drivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2272-E2274	11.5	10
8	Long-term warming destabilizes aquatic ecosystems through weakening biodiversity-mediated causal networks. <i>Global Change Biology</i> , 2020 , 26, 6413-6423	11.4	10

7	Ecosystem-based forecasts of recruitment in two menhaden species. <i>Fish and Fisheries</i> , 2018 , 19, 769-786		8
6	Reply to Luo et al.: Robustness of causal effects of galactic cosmic rays on interannual variation in global temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E4640-1	11.5	5
5	Circularity in fisheries data weakens real world prediction. <i>Scientific Reports</i> , 2020 , 10, 6977	4.9	2
4	Environmental variability and fishing effects on the Pacific sardine fisheries in the Gulf of California. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021 , 78, 623-630	2.4	2
3	Comprehensive incentives for reducing Chinook salmon bycatch in the Bering Sea walleye Pollock fishery: Individual tradable encounter credits. <i>Regional Studies in Marine Science</i> , 2018 , 22, 70-81	1.5	1
2	A Visual Analytics Approach for Ecosystem Dynamics based on Empirical Dynamic Modeling. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021 , 27, 506-516	4	0
1	Susceptible host availability modulates climate effects on dengue dynamics. <i>Ecology Letters</i> , 2021 , 24, 415-425	10	0