

# Hao Ye

## 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.

31  
papers

2,309  
citations

17  
h-index

37  
g-index

37  
ext. papers

3,009  
ext. citations

11.8  
avg, IF

4.83  
L-index

#	Paper	IF	Citations
31	Detecting causality in complex ecosystems. <i>Science</i> , <b>2012</b> , 338, 496-500	33.3	997
30	Equation-free mechanistic ecosystem forecasting using empirical dynamic modeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E1569-76	11.5	172
29	Distinguishing time-delayed causal interactions using convergent cross mapping. <i>Scientific Reports</i> , <b>2015</b> , 5, 14750	4.9	152
28	Predicting climate effects on Pacific sardine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 6430-5	11.5	128
27	Spatial convergent cross mapping to detect causal relationships from short time series. <i>Ecology</i> , <b>2015</b> , 96, 1174-81	4.6	119
26	The structures of letters and symbols throughout human history are selected to match those found in objects in natural scenes. <i>American Naturalist</i> , <b>2006</b> , 167, E117-39	3.7	117
25	Fluctuating interaction network and time-varying stability of a natural fish community. <i>Nature</i> , <b>2018</b> , 554, 360-363	50.4	102
24	Causal feedbacks in climate change. <i>Nature Climate Change</i> , <b>2015</b> , 5, 445-448	21.4	79
23	Information leverage in interconnected ecosystems: Overcoming the curse of dimensionality. <i>Science</i> , <b>2016</b> , 353, 922-5	33.3	70
22	Complex dynamics may limit prediction in marine fisheries. <i>Fish and Fisheries</i> , <b>2014</b> , 15, 616-633	6	64
21	Predicting coastal algal blooms in southern California. <i>Ecology</i> , <b>2017</b> , 98, 1419-1433	4.6	43
20	The intrinsic predictability of ecological time series and its potential to guide forecasting. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01359	9	37
19	Quantitative argument for long-term ecological monitoring. <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 572, 269-274	2.6	35
18	Detecting and forecasting complex nonlinear dynamics in spatially structured catch-per-unit-effort time series for North Pacific albacore ( <i>Thunnus alalunga</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2011</b> , 68, 400-412	2.4	29
17	Are exploited fish populations stable?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1224-5; author reply E1226	11.5	26
16	Modeling dynamic interactions and coherence between marine zooplankton and fishes linked to environmental variability. <i>Journal of Marine Systems</i> , <b>2014</b> , 131, 120-129	2.7	22
15	Convergent Cross Mapping: Theory and an Example <b>2018</b> , 587-600		15

14	Stock assessment and end-to-end ecosystem models alter dynamics of fisheries data. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171644	3.7	13
13	A nonlinear, low data requirement model for producing spatially explicit fishery forecasts. <i>Fisheries Oceanography</i> , <b>2014</b> , 23, 45-53	2.4	11
12	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> , <b>2017</b> , 114, E2272-E2274	11.5	10
11	Long-term warming destabilizes aquatic ecosystems through weakening biodiversity-mediated causal networks. <i>Global Change Biology</i> , <b>2020</b> , 26, 6413-6423	11.4	10
10	Ecosystem-based forecasts of recruitment in two menhaden species. <i>Fish and Fisheries</i> , <b>2018</b> , 19, 769-786		8
9	The Portal Project: a long-term study of a Chihuahuan desert ecosystem		6
8	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> , <b>2015</b> , 112, E4640-1	11.5	5
7	The intrinsic predictability of ecological time series and its potential to guide forecasting		3
6	Causal networks of phytoplankton diversity and biomass are modulated by environmental context.. <i>Nature Communications</i> , <b>2022</b> , 13, 1140	17.4	2
5	portalr: an R package for summarizing and using the Portal Project Data. <i>Journal of Open Source Software</i> , <b>2019</b> , 4, 1098	5.2	1
4	Empirical abundance distributions are more uneven than expected given their statistical baseline. <i>Ecology Letters</i> , <b>2021</b> , 24, 2025-2039	10	1
3	Rdataretriever: R Interface to the Data Retriever. <i>Journal of Open Source Software</i> , <b>2021</b> , 6, 2800	5.2	1
2	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> , <b>2018</b> , 22, 70-81	1.5	1
1	portalcasting: Supporting automated forecasting of rodent populations. <i>Journal of Open Source Software</i> , <b>2022</b> , 7, 3220	5.2	