

# Hao Ye

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

3,555  
citations

430843

18  
h-index

477281

29  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting Causality in Complex Ecosystems. <i>Science</i> , 2012, 338, 496-500.	12.6	1,545
2	Equation-free mechanistic ecosystem forecasting using empirical dynamic modeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1569-76.	7.1	266
3	Distinguishing time-delayed causal interactions using convergent cross mapping. <i>Scientific Reports</i> , 2015, 5, 14750.	3.3	260
4	Fluctuating interaction network and time-varying stability of a natural fish community. <i>Nature</i> , 2018, 554, 360-363.	27.8	209
5	Spatial convergent cross mapping to detect causal relationships from short time series. <i>Ecology</i> , 2015, 96, 1174-1181.	3.2	170
6	Predicting climate effects on Pacific sardine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6430-6435.	7.1	164
7	The Structures of Letters and Symbols throughout Human History Are Selected to Match Those Found in Objects in Natural Scenes. <i>American Naturalist</i> , 2006, 167, E117-E139.	2.1	138
8	Information leverage in interconnected ecosystems: Overcoming the curse of dimensionality. <i>Science</i> , 2016, 353, 922-925.	12.6	116
9	Causal feedbacks in climate change. <i>Nature Climate Change</i> , 2015, 5, 445-448.	18.8	115
10	Complex dynamics may limit prediction in marine fisheries. <i>Fish and Fisheries</i> , 2014, 15, 616-633.	5.3	84
11	The intrinsic predictability of ecological time series and its potential to guide forecasting. <i>Ecological Monographs</i> , 2019, 89, e01359.	5.4	74
12	Predicting coastal algal blooms in southern California. <i>Ecology</i> , 2017, 98, 1419-1433.	3.2	59
13	Quantitative argument for long-term ecological monitoring. <i>Marine Ecology - Progress Series</i> , 2017, 572, 269-274.	1.9	52
14	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.	7.1	37
15	Cooperative network dynamics. <i>Nature</i> , 2009, 458, 979-980.	27.8	36
16	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> , 2011, 68, 400-412.	1.4	34
17	Convergent Cross Mapping: Theory and an Example. , 2018, , 587-600.		29
18	Modeling dynamic interactions and coherence between marine zooplankton and fishes linked to environmental variability. <i>Journal of Marine Systems</i> , 2014, 131, 120-129.	2.1	26

#	ARTICLE	IF	CITATIONS
19	Long-term warming destabilizes aquatic ecosystems through weakening biodiversity-mediated causal networks. <i>Global Change Biology</i> , 2020, 26, 6413-6423.	9.5	23
20	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.	7.1	21
21	Causal networks of phytoplankton diversity and biomass are modulated by environmental context. <i>Nature Communications</i> , 2022, 13, 1140.	12.8	18
22	A nonlinear, low data requirement model for producing spatially explicit fishery forecasts. <i>Fisheries Oceanography</i> , 2014, 23, 45-53.	1.7	15
23	Ecosystem-based forecasts of recruitment in two menhaden species. <i>Fish and Fisheries</i> , 2018, 19, 769-781.	5.3	15
24	Stock assessment and end-to-end ecosystem models alter dynamics of fisheries data. <i>PLoS ONE</i> , 2017, 12, e0171644.	2.5	14
25	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.	7.1	6
26	portalr: an R package for summarizing and using the Portal Project Data. <i>Journal of Open Source Software</i> , 2019, 4, 1098.	4.6	5
27	Empirical abundance distributions are more uneven than expected given their statistical baseline. <i>Ecology Letters</i> , 2021, 24, 2025-2039.	6.4	4
28	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.	0.7	2
29	Rdataretriever: R Interface to the Data Retriever. <i>Journal of Open Source Software</i> , 2021, 6, 2800.	4.6	2
30	portalcasting: Supporting automated forecasting of rodent populations. <i>Journal of Open Source Software</i> , 2022, 7, 3220.	4.6	0