Hao Ye

List of Publications by Year in Descending Order

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	Causal networks of phytoplankton diversity and biomass are modulated by environmental context.. *Nature Communications*, **2022**, 13, 1140	17.4	2
30	portalcasting: Supporting automated forecasting of rodent populations. *Journal of Open Source Software*, **2022**, 7, 3220	5.2	
29	Empirical abundance distributions are more uneven than expected given their statistical baseline. *Ecology Letters*, **2021**, 24, 2025-2039	10	1
28	Rdataretriever: R Interface to the Data Retriever. *Journal of Open Source Software*, **2021**, 6, 2800	5.2	1
27	Long-term warming destabilizes aquatic ecosystems through weakening biodiversity-mediated causal networks. *Global Change Biology*, **2020**, 26, 6413-6423	11.4	10
26	The intrinsic predictability of ecological time series and its potential to guide forecasting. *Ecological Monographs*, **2019**, 89, e01359	9	37
25	portalr: an R package for summarizing and using the Portal Project Data. *Journal of Open Source Software*, **2019**, 4, 1098	5.2	1
24	Fluctuating interaction network and time-varying stability of a natural fish community. *Nature*, **2018**, 554, 360-363	50.4	102
23	Convergent Cross Mapping: Theory and an Example **2018**, 587-600		15
22	Ecosystem-based forecasts of recruitment in two menhaden species. *Fish and Fisheries*, **2018**, 19, 769-786	6	8
21	Comprehensive incentives for reducing Chinook salmon bycatch in the Bering Sea walleye Pollock fishery: Individual tradable encounter credits. *Regional Studies in Marine Science*, **2018**, 22, 70-81	1.5	1
20	Predicting coastal algal blooms in southern California. *Ecology*, **2017**, 98, 1419-1433	4.6	43
19	Reply to Baskerville and Cobey: Misconceptions about causation with synchrony and seasonal drivers. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E2272-E2274	11.5	10
18	Stock assessment and end-to-end ecosystem models alter dynamics of fisheries data. *PLoS ONE*, **2017**, 12, e0171644	3.7	13
17	Quantitative argument for long-term ecological monitoring. *Marine Ecology - Progress Series*, **2017**, 572, 269-274	2.6	35
16	Information leverage in interconnected ecosystems: Overcoming the curse of dimensionality. *Science*, **2016**, 353, 922-5	33.3	70
15	Causal feedbacks in climate change. *Nature Climate Change*, **2015**, 5, 445-448	21.4	79

14	Equation-free mechanistic ecosystem forecasting using empirical dynamic modeling. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E1569-76	11.5	172
13	Reply to Luo et al.: Robustness of causal effects of galactic cosmic rays on interannual variation in global temperature. *Proceedings of the National Academy of Sciences of the United States of America* , **2015**, 112, E4640-1	11.5	5
12	Distinguishing time-delayed causal interactions using convergent cross mapping. *Scientific Reports*, **2015**, 5, 14750	4.9	152
11	Spatial convergent cross mapping to detect causal relationships from short time series. *Ecology*, **2015**, 96, 1174-81	4.6	119
10	Modeling dynamic interactions and coherence between marine zooplankton and fishes linked to environmental variability. *Journal of Marine Systems*, **2014**, 131, 120-129	2.7	22
9	Complex dynamics may limit prediction in marine fisheries. *Fish and Fisheries*, **2014**, 15, 616-633	6	64
8	A nonlinear, low data requirement model for producing spatially explicit fishery forecasts. *Fisheries Oceanography*, **2014**, 23, 45-53	2.4	11
7	Predicting climate effects on Pacific sardine. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6430-5	11.5	128
6	Detecting causality in complex ecosystems. *Science*, **2012**, 338, 496-500	33.3	997
5	Detecting and forecasting complex nonlinear dynamics in spatially structured catch-per-unit-effort time series for North Pacific albacore (Thunnus alalunga). *Canadian Journal of Fisheries and Aquatic Sciences*, **2011**, 68, 400-412	2.4	29
4	Are exploited fish populations stable?. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E1224-5; author reply E1226	11.5	26
3	The structures of letters and symbols throughout human history are selected to match those found in objects in natural scenes. *American Naturalist*, **2006**, 167, E117-39	3.7	117
2	The Portal Project: a long-term study of a Chihuahuan desert ecosystem		6
1	The intrinsic predictability of ecological time series and its potential to guide forecasting		3