Thomas B Kelly

List of Publications by Year
in descending order

22 papers	374 citations	933447 10 h-index	888059 17 g-index
29 all docs	29 docs citations	29 times ranked	443 citing authors

#	Article	IF	Citations
1	CCE V: Primary production, mesozooplankton grazing, and the biological pump in the California Current Ecosystem: Variability and response to El NiÃ±o. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 140, 52-62.	1.4	44
2	The Importance of Mesozooplankton Diel Vertical Migration for Sustaining a Mesopelagic Food Web. Frontiers in Marine Science, 2019, 6, .	2.5	36
3	The Roles of Suspension-Feeding and Flux-Feeding Zooplankton as Gatekeepers of Particle Flux Into the Mesopelagic Ocean in the Northeast Pacific. Frontiers in Marine Science, 2019, 6, .	2.5	35
4	CCE II: Spatial and interannual variability in export efficiency and the biological pump in an eastern boundary current upwelling system with substantial lateral advection. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 140, 14-25.	1.4	30
5	The Carbon:234Thorium ratios of sinking particles in the California current ecosystem 1: relationships with plankton ecosystem dynamics. Marine Chemistry, 2019, 212, 1-15.	2.3	27
6	Paper to Plastics: An Interdisciplinary Summer Outreach Project in Sustainability. Journal of Chemical Education, 2014, 91, 1574-1579.	2.3	26
7	Investigating Particle Size-Flux Relationships and the Biological Pump Across a Range of Plankton Ecosystem States From Coastal to Oligotrophic. Frontiers in Marine Science, 2019, 6, .	2.5	21
8	Shelf Inputs and Lateral Transport of Mn, Co, and Ce in the Western North Pacific Ocean. Frontiers in Marine Science, 2019, 6, .	2.5	17
9	A new approach for incorporating 15N isotopic data into linear inverse ecosystem models with Markov Chain Monte Carlo sampling. PLoS ONE, 2018, 13, e0199123.	2.5	16
10	Lateral advection supports nitrogen export in the oligotrophic open-ocean Gulf of Mexico. Nature Communications, 2021, 12, 3325.	12.8	15
11	Sinking carbon, nitrogen, and pigment flux within and beneath the euphotic zone in the oligotrophic, open-ocean Gulf of Mexico. Journal of Plankton Research, 2022, 44, 711-727.	1.8	12
12	Phytoplankton community composition and biomass in the oligotrophic Gulf of Mexico. Journal of Plankton Research, 0, , .	1.8	12
13	Lagrangian Studies of Marine Production: A Multimethod Assessment of Productivity Relationships in the California Current Ecosystem Upwelling Region. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015984.	2.6	11
14	Taxon-specific phytoplankton growth, nutrient utilization and light limitation in the oligotrophic Gulf of Mexico. Journal of Plankton Research, 2022, 44, 656-676.	1.8	11
15	Microbial food web dynamics in the oceanic Gulf of Mexico. Journal of Plankton Research, 2022, 44, 638-655.	1.8	11
16	Satellite estimation of carbon export by sinking particles in the California Current calibrated with sediment trap data. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 173, 104639.	1.4	10
17	The carbon: 234Thorium ratios of sinking particles in the California current ecosystem 2: Examination of a thorium sorption, desorption, and particle transport model. Marine Chemistry, 2019, 211, 37-51.	2.3	8
18	Constraining the sources of nitrogen fueling export production in the Gulf of Mexico using nitrogen isotope budgets. Journal of Plankton Research, 2022, 44, 692-710.	1.8	7

#	Article	IF	Citations
19	Lagrangian Studies of Net Community Production: The Effect of Diel and Multiday Nonsteady State Factors and Vertical Fluxes on O₂/Ar in a Dynamic Upwelling Region. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005569.	3.0	5
20	Plankton food webs in the oligotrophic Gulf of Mexico spawning grounds of Atlantic bluefin tuna. Journal of Plankton Research, 2022, 44, 763-781.	1.8	5
21	Bluefin Larvae in Oligotrophic Ocean Foodwebs, investigations of nutrients to zooplankton: overview of the BLOOFINZ-Gulf of Mexico program. Journal of Plankton Research, 2022, 44, 600-617.	1.8	4
22	Exploring Methane Gas Seepage in the California Borderlands. Eos, 2017, , .	0.1	0