

# Tessa B Francis

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,785  
citations

331259

21  
h-index

288905

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2274  
citing authors

#	ARTICLE	IF	CITATIONS
1	mmrefpoints: Projecting long-term marine mammal abundance with bycatch. <i>Journal of Open Source Software</i> , 2022, 7, 3888.	2.0	0
2	Lessons from bright-spots for advancing knowledge exchange at the interface of marine science and policy. <i>Journal of Environmental Management</i> , 2022, 314, 114994.	3.8	20
3	Assessing pinniped bycatch mortality with uncertainty in abundance and post-release mortality: A case study from Chile. <i>Fisheries Research</i> , 2021, 235, 105816.	0.9	7
4	Can we manage marine mammal bycatch effectively in low-data environments?. <i>Journal of Applied Ecology</i> , 2021, 58, 596-607.	1.9	14
5	Management implications of long transients in ecological systems. <i>Nature Ecology and Evolution</i> , 2021, 5, 285-294.	3.4	44
6	Effects of stochasticity on the length and behaviour of ecological transients. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210257.	1.5	25
7	Estimating the Abundance of Marine Mammal Populations. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	51
8	Best Practices for Assessing and Managing Bycatch of Marine Mammals. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13
9	Estimating Bycatch Mortality for Marine Mammals: Concepts and Best Practices. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	19
10	Long transients in ecology: Theory and applications. <i>Physics of Life Reviews</i> , 2020, 32, 1-40.	1.5	126
11	Attending to spatial social-ecological sensitivities to improve trade-off analysis in natural resource management. <i>Fish and Fisheries</i> , 2020, 21, 1-12.	2.7	29
12	Robustness of potential biological removal to monitoring, environmental, and management uncertainties. <i>ICES Journal of Marine Science</i> , 2020, 77, 2491-2507.	1.2	15
13	Long living transients: Enfant terrible of ecological theory?. <i>Physics of Life Reviews</i> , 2020, 32, 55-58.	1.5	2
14	The importance of long-term ecological time series for integrated ecosystem assessment and ecosystem-based management. <i>Progress in Oceanography</i> , 2020, 188, 102418.	1.5	24
15	Evaluating management strategies for marine mammal populations: an example for multiple species and multiple fishing sectors in Iceland. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1316-1331.	0.7	10
16	A heuristic model of socially learned migration behaviour exhibits distinctive spatial and reproductive dynamics. <i>ICES Journal of Marine Science</i> , 2019, 76, 598-608.	1.2	27
17	Integrating Governance and Quantitative Evaluation of Resource Management Strategies to Improve Social and Ecological Outcomes. <i>BioScience</i> , 2019, 69, 523-532.	2.2	20
18	Parent-offspring conflict over reproductive timing: ecological dynamics far away and at other times may explain spawning variability in Pacific herring. <i>ICES Journal of Marine Science</i> , 2019, 76, 559-572.	1.2	11

#	ARTICLE	IF	CITATIONS
19	Contributions of adult mortality to declines of Puget Sound Pacific herring. <i>ICES Journal of Marine Science</i> , 2018, 75, 319-329.	1.2	8
20	Transient phenomena in ecology. <i>Science</i> , 2018, 361, .	6.0	359
21	Quantifying the benefits of spatial fisheries management – An ecological-economic optimization approach. <i>Ecological Modelling</i> , 2018, 385, 165-172.	1.2	5
22	When are estimates of spawning stock biomass for small pelagic fishes improved by taking spatial structure into account?. <i>Fisheries Research</i> , 2018, 206, 65-78.	0.9	22
23	Linking knowledge to action in ocean ecosystem management: The Ocean Modeling Forum. <i>Elementa</i> , 2018, 6, .	1.1	6
24	Effects of climate change on zooplankton community interactions in an Alaskan lake. <i>Climate Change Responses</i> , 2017, 4, .	2.6	25
25	Forty years of seagrass population stability and resilience in an urbanizing estuary. <i>Journal of Ecology</i> , 2017, 105, 458-470.	1.9	40
26	Thirty-two essential questions for understanding the social-ecological system of forage fish: the case of pacific herring. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	1.5	28
27	Exploring the implications of the harvest control rule for Pacific sardine, accounting for predator dynamics: A MICE model. <i>Ecological Modelling</i> , 2016, 337, 79-95.	1.2	66
28	Population diversity in Pacific herring of the Puget Sound, USA. <i>Oecologia</i> , 2016, 180, 111-125.	0.9	31
29	Shifting Regimes and Changing Interactions in the Lake Washington, U.S.A., Plankton Community from 1962-1994. <i>PLoS ONE</i> , 2014, 9, e110363.	1.1	26
30	Characterizing coastal foodwebs with qualitative links to bridge the gap between the theory and the practice of ecosystem-based management. <i>ICES Journal of Marine Science</i> , 2014, 71, 713-724.	1.2	24
31	Habitat limitation and spatial variation in Pacific herring egg survival. <i>Marine Ecology - Progress Series</i> , 2014, 514, 231-245.	0.9	19
32	Mysis in the Okanagan Lake food web: a time-series analysis of interaction strengths in an invaded plankton community. <i>Aquatic Ecology</i> , 2012, 46, 215-227.	0.7	10
33	Climate shifts the interaction web of a marine plankton community. <i>Global Change Biology</i> , 2012, 18, 2498-2508.	4.2	45
34	Habitat structure determines resource use by zooplankton in temperate lakes. <i>Ecology Letters</i> , 2011, 14, 364-372.	3.0	101
35	The perils and promise of futures analysis in marine ecosystem-based management. <i>Marine Policy</i> , 2011, 35, 675-681.	1.5	21
36	Using best available science to protect critical areas in Washington state: challenges and barriers to planners. <i>Urban Ecosystems</i> , 2009, 12, 157-175.	1.1	9

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37	Shoreline urbanization reduces terrestrial insect subsidies to fishes in North American lakes. <i>Oikos</i> , 2009, 118, 1872-1882.	1.2	58
38	Effects of Urbanization on the Dynamics of Organic Sediments in Temperate Lakes. <i>Ecosystems</i> , 2007, 10, 1057-1068.	1.6	36
39	Aquatic insects play a minor role in dispersing salmon-derived nutrients into riparian forests in southwestern Alaska. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 2543-2552.	0.7	28
40	Degradation of Littoral Habitats by Residential Development: Woody Debris in Lakes of the Pacific Northwest and Midwest, United States. <i>Ambio</i> , 2006, 35, 274-280.	2.8	53
41	Incorporating Science into the Environmental Policy Process: a Case Study from Washington State. <i>Ecology and Society</i> , 2005, 10, .	1.0	27
42	Pacific salmon and the ecology of coastal ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 31-37.	1.9	274
43	Equivocal associations between small-scale shoreline restoration and subtidal fishes in an urban estuary. <i>Restoration Ecology</i> , 0, , .	1.4	1