

# Albert J Hermann

## List of Publications by Year in descending order

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35  
papers

997  
citations

394421

19  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling in an integrated ecosystem research framework to explore recruitment in Gulf of Alaska groundfish " Applications to management and lessons learned. Deep-Sea Research Part II: Topical Studies in Oceanography, 2022, 197, 105048.	1.4	4
2	Climate change and the future productivity and distribution of crab in the Bering Sea. ICES Journal of Marine Science, 2021, 78, 502-515.	2.5	17
3	Bottom"Up Impacts of Forecasted Climate Change on the Eastern Bering Sea Food Web. Frontiers in Marine Science, 2021, 8, .	2.5	12
4	Evaluating the impact of climate and demographic variation on future prospects for fish stocks: An application for northern rock sole in Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2021, 189-190, 104951.	1.4	6
5	Eastern Bering Sea shelf environmental and lower trophic level responses to climate forcing: Results of dynamical downscaling from CMIP6. Deep-Sea Research Part II: Topical Studies in Oceanography, 2021, 193, 104975.	1.4	6
6	Predicted shifts of groundfish distribution in the Eastern Bering Sea under climate change, with implications for fish populations and fisheries management. ICES Journal of Marine Science, 2021, 78, 220-234.	2.5	14
7	Coupled modes of projected regional change in the Bering Sea from a dynamically downscaling model under CMIP6 forcing. Deep-Sea Research Part II: Topical Studies in Oceanography, 2021, 194, 104974.	1.4	8
8	Red king crab larval advection in Bristol Bay: Implications for recruitment variability. Fisheries Oceanography, 2020, 29, 505-525.	1.7	4
9	Seasonal-to-interannual prediction of North American coastal marine ecosystems: Forecast methods, mechanisms of predictability, and priority developments. Progress in Oceanography, 2020, 183, 102307.	3.2	61
10	Integrated Modeling to Evaluate Climate Change Impacts on Coupled Social-Ecological Systems in Alaska. Frontiers in Marine Science, 2020, 6, .	2.5	59
11	Ensemble Projections of Future Climate Change Impacts on the Eastern Bering Sea Food Web Using a Multispecies Size Spectrum Model. Frontiers in Marine Science, 2020, 7, .	2.5	36
12	Running the gauntlet: Connectivity between spawning and nursery areas for arrowtooth flounder (Atheresthes stomias) in the Gulf of Alaska, as inferred from a biophysical individual-based model. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 165, 127-139.	1.4	13
13	Running the gauntlet: Connectivity between natal and nursery areas for Pacific ocean perch (Sebastes Tj ETQq1 1 0.784314 rgBT /Ov Part II: Topical Studies in Oceanography, 2019, 165, 74-88.	1.4	12
14	Trait"based climate vulnerability assessments in data-rich systems: An application to eastern Bering Sea fish and invertebrate stocks. Global Change Biology, 2019, 25, 3954-3971.	9.5	34
15	Early life history phenology among Gulf of Alaska fish species: Strategies, synchronies, and sensitivities. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 165, 41-73.	1.4	17
16	Modeled Effect of Coastal Biogeochemical Processes, Climate Variability, and Ocean Acidification on Aragonite Saturation State in the Bering Sea. Frontiers in Marine Science, 2019, 5, .	2.5	30
17	Observational Needs Supporting Marine Ecosystems Modeling and Forecasting: From the Global Ocean to Regional and Coastal Systems. Frontiers in Marine Science, 2019, 6, .	2.5	32
18	Simulated Impact of Glacial Runoff on CO 2 Uptake in the Gulf of Alaska. Geophysical Research Letters, 2018, 45, 880-890.	4.0	8

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19	The Importance of Freshwater to Spatial Variability of Aragonite Saturation State in the Gulf of Alaska. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8482-8502.	2.6	21
20	Climate to fish: Synthesizing field work, data and models in a 39-year retrospective analysis of seasonal processes on the eastern Bering Sea shelf and slope. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 134, 390-412.	1.4	32
21	Projected future biophysical states of the Bering Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 134, 30-47.	1.4	61
22	Model and field observations of effects of circulation on the timing and magnitude of nitrate utilization and production on the northern Gulf of Alaska shelf. <i>Progress in Oceanography</i> , 2012, 103, 16-41.	3.2	34
23	Macro- and micro-nutrient flux to a highly productive submarine bank in the Gulf of Alaska: A model-based analysis of daily and interannual variability. <i>Progress in Oceanography</i> , 2012, 101, 63-77.	3.2	18
24	Modeled transport of freshwater from a line-source in the coastal Gulf of Alaska. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2409-2426.	1.4	29
25	A comparison of remote vs. local influence of El Niño on the coastal circulation of the northeast Pacific. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2427-2443.	1.4	57
26	Quantifying cross-shelf and vertical nutrient flux in the Coastal Gulf of Alaska with a spatially nested, coupled biophysical model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 2474-2486.	1.4	43
27	Visualization in Fisheries Oceanography: New Approaches for the Rapid Exploration of Coastal Ecosystems. , 2009, , 317-336.		2
28	Results from a three-dimensional, nested biological-physical model of the California Current System and comparisons with statistics from satellite imagery. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	88
29	Multi-scale modeling of the North Pacific Ocean: Assessment and analysis of simulated basin-scale variability (1996–2003). <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	69
30	Interannual variability of the early life history of walleye pollock near Shelikof Strait as inferred from a spatially explicit, individual-based model. <i>Fisheries Oceanography</i> , 1996, 5, 39-57.	1.7	50
31	Physical transport of young pollock larvae ( <i>Theragra chalcogramma</i> ) near Shelikof Strait as inferred from a hydrodynamic model. <i>Fisheries Oceanography</i> , 1996, 5, 58-70.	1.7	28
32	Nonlinear Rossby adjustment in a channel: beyond Kelvin waves. <i>Journal of Fluid Mechanics</i> , 1989, 205, 469.	3.4	40
33	Experimental manipulation of nutrients and water in a freshwater marsh: Effects on biomass, decomposition, and nutrient accumulation. <i>Limnology and Oceanography</i> , 1985, 30, 500-512.	3.1	43
34	Projected biophysical conditions of the Bering Sea to 2100 under multiple emission scenarios. <i>ICES Journal of Marine Science</i> , 0, , .	2.5	7
35	Differential north-south response of juvenile Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) marine growth to ecosystem change in the eastern Bering Sea, 1974–2010. <i>ICES Journal of Marine Science</i> , 0, , .	2.5	2